亚马逊云科技

Getting Started with Amazon Web Services in China

Getting Started with Amazon Web Services in China:

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Welcome

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NWCD operating Ningxia Region
Sinnet operating Beijing Region

Welcome to *Getting Started with Amazon Web Services in China*. This guide provides information and resources to help you start computing with Amazon Web Services in China. Here you'll find instructions for setting up your Amazon Web Services in China account, links to service guides, information on the Amazon Command Line Interface and SDKs, ideas for building solutions, and links to support and other resources. If you're new to Amazon Web Services in China, this is the place to start.

This guide also documents differences between the Amazon Web Services in China as currently implemented and as described in other product guides. Amazon Web Services operates in different Regions around the world, and some services vary by Region. To learn more about the implementation of services in these Regions and any regional differences that may exist, see the Region Table and Documentation by Service.

Again, welcome to the *Getting Started* guide, and welcome to Amazon Web Services in China.

What Is Amazon Web Services in China?

Amazon Web Services in China is the implementation of Amazon Web Services in the Beijing and Ningxia (China) Regions. Directly connected to domestic telecommunication networks, it's designed to provide the infrastructure and network services necessary to support Amazon technology.

Amazon Web Services in China provides computing resources and services that you can use to quickly and cost-effectively build applications. For example, you can rent a virtual server on Amazon Web Services in China that you can connect to, configure, secure, and run just as you would a physical server. But the virtual server runs on top of a global network managed by Amazon, and you pay for your virtual server only while it runs. Backed by Amazon Web Services in China, your virtual server can do things no physical server can, such as automatically scaling into multiple servers when demand increases.

Using Amazon Web Services in China to build your Internet application is like purchasing electricity from a power company instead of running your own generator, and it provides many of the same benefits: capacity exactly matches need; you pay only for what you use; economies of scale result in lower costs; and the service is provided by a vendor experienced in running large-scale networks.

You can run nearly anything on Amazon Web Services in China that you would run on physical hardware: websites, applications, databases, mobile apps, email campaigns, distributed data analysis, and media storage. The services are designed to work together so that you can build complete solutions, and many of the most utilized Amazon products are available in the China Regions.

The following topics will help you get started with Amazon Web Services in China.

Topics

- Managing Amazon Web Services in China
- Signup, Accounts, and Credentials
- Billing and Payment
- Using the Console

Managing Amazon Web Services in China

There are several tools that you can use to create and manage Amazon Web Services in China resources.

- **Amazon Web Services Management Console** – A graphical user interface that you access online at https://console.www.amazonaws.cn. The Amazon Web Services Management Console is the fastest way to get started with Amazon Web Services in China; there is nothing to install. Some services, however, have features that can't be accessed from the console. For more information, see Using the Console or the service documentation.
- **Amazon Command Line Interface (Amazon CLI)** – A text-based tool that you install on your desktop. With the Amazon CLI, you can manage and script against multiple Amazon Web Services in China resources directly from the command line. Some services also offer custom CLIs. For more information, see Amazon Command Line Tools.
- **Software Development Kits (SDKs)** – Class libraries and tools that you add to your application so it can manage Amazon Web Services in China resources. Amazon offers SDKs in a variety of programming and scripting languages. The SDKs are the easiest way to write applications that interface with Amazon Web Services in China; they provide functions that you can call to authenticate your application's connection to Amazon Web Services in China. For more information, see Amazon SDKs
- **Query APIs** – Low-level APIs that are exposed online through service- and Region-specific endpoints (for example, `https://dynamodb.cn-north-1.amazonaws.com.cn` for the Beijing Region, and `https://dynamodb.cn-northwest-1.amazonaws.com.cn` for the Ningxia Region). You call API actions by using HTTP requests. The APIs reflect the latest functionality of each service. If your application uses the API instead of an SDK, however, you must implement the functionality to generate the proper signatures to authenticate your requests.

Signup, Accounts, and Credentials

To use Amazon Web Services in China services, you need an account and credentials specific to Amazon Web Services in China, the suite of Amazon Web Services available in the Beijing and Ningxia (China) Regions. Accounts created for other Amazon Regions won't work for Amazon Web Services in China. Similarly, Amazon Web Services in China accounts won't work in Amazon Regions outside the Beijing and Ningxia Regions. To use services in another Region, Amazon Web Services in China customers need to sign up for an account in that Region.

To comply with Chinese law and regulations, Amazon Web Services in China customers who want to make content publicly available via Amazon Web Services in China services are required to first file for Internet Content Provider (ICP) recordal with the Ministry of Industry and Information Technology. Until ICP recordal is complete, Amazon Web Services in China customers are granted

an Internal Access Account, which provides limited access to Amazon Web Services in China features. Amazon Web Services in China customers who don't intend to publish content publicly aren't required to complete ICP recordal. These customers can get started right away by signing up for an Internal Access Account and using Amazon Web Services in China services for personal projects or for projects internal to their organization. To use all of the Amazon Web Services in China features, customers need a Full Access Account. The two account types are described in more detail below.

Signup

The Amazon Web Services Management Console walks you through the process of signing up for Amazon Web Services in China. The steps below provide a high-level overview of signup.

To sign up for Amazon Web Services in China:

1. Go to www.amazonaws.cn and register with Amazon Web Services in China.
2. Receive an Internal Access Account.
3. (Optional) Complete the ICP recordal process. This step is necessary for publishing content for public consumption. When you've completed ICP recordal, you'll receive a Full Access Account.
4. Receive your Amazon Web Services in China account credentials. The credentials consist of an account ID, access key ID, and secret access key. Note that you can't use your Amazon Web Services in China credentials to access any other Amazon Region.

Internal Access Account

An Internal Access Account provides limited access to Amazon Web Services in China services. Internal Access Accounts are granted to Amazon Web Services in China customers who don't intend to host public content directly from their Amazon Web Services in China accounts, and to customers who want to host public content but have not yet completed ICP recordal. With Internal Access Accounts, public access is restricted as follows:

- In Amazon EC2, all common internet ports (except ports 22 and 3389) are blocked. Internal ports remain available.
- In Amazon S3, buckets are not allowed to serve content for public anonymous access, and pre-signed URL functionality is disabled.

Full Access Account

Full Access Accounts are granted to Amazon Web Services in China customers who have completed ICP recordal. A Full Access Account provides full access to Amazon Web Services in China features.

IAM Credentials

To use the Amazon Web Services in China console, you must have credentials provided by Amazon Identity and Access Management (IAM). All users have to create IAM credentials during the sign-up process. When you first sign up for Amazon Web Services in China, you create an IAM user administrator. Then you can sign in to the Amazon Web Services in China console with your account ID.

The administrator has full access to manage Amazon Web Services in China resources. For example, as the administrator, you can create additional IAM users by using the Amazon Web Services in China console. You can then manage users and their permissions by assigning them to groups. For more information about users, groups, and policies, see Working with Users and Groups. To learn more about IAM and about credentials in Amazon Web Services in China, see Amazon Identity and Access Management.

If you forget your IAM user password, you can reset the password from the Amazon Web Services Management Console. Amazon will send a password reset link to the email address that is associated this Amazon account. If you don't have access to that email, contact your administrator.

To reset your IAM user password:

- Use your Amazon account ID or alias to begin signing in to the Amazon Web Services Management Console at https://console.amazonaws.cn/.
- Choose **Forgot password?**.
- If necessary, enter your account ID and user name. Then provide the CAPTCHA text and choose **Send email**.
- Check the email that is associated with your Amazon account for a message from Amazon Web Services. The email will come from an address ending in `@amazonaws.cn`. If you don't see the email in your account, check your spam folder. If you no longer have access to the email, contact your account administrator. If you are the administrator, contact Amazon Web Services Support Center.
- Follow the directions in the email to reset your password. If your administrator has enabled an account password policy, you must meet those complexity requirements.

AWSBillingReadOnlyAccess If you receive an error, contact your administrator to learn about your specific requirements. For more information, see Setting an Account Password Policy for IAM Users in the *IAM User Guide*.

Close Account

Use the Amazon Web Services Management Console to close your Amazon Web Services account in China. The steps below provide a high-level overview.

If you close the account that you're using for the Amazon Firewall Manager administrator, Amazon and Firewall Manager handle the closure as follows:

Amazon Web Services revokes the account's administrative access from the service and deactivates any policies that were managed by the administrator account. The protections that were provided by these policies are stopped across the organization.

- Before closing your account, back up and then delete your policy data and other account resources. You will no longer have access to them after you close the account.
  - The account resources are subject to the policies of Amazon Web Services operating partners: Sinnet in the China (Beijing) Region and NWCD in the China (Ningxia) Region. Account closure procedures in China might take longer than in other Amazon Web Services Regions.
- For more information, see Closing an account.

You can close your Amazon Web Services account using the following procedure.

To close your Amazon Web Services account

1. Sign in as the root user of the account that you want to close, using the email address and password that are associated with the account.

   If you sign in as an Amazon Identity and Access Management (IAM) user or role, you can't close an account.
2. On the navigation bar in the upper-right corner, choose your account name (or alias), and then choose **My Account**.
3. On the **Account Settings** page, scroll to the end of the page to the **Close Account** section. Read and ensure that you understand the text next to the check box. After you close an Amazon Web Services account, you can no longer use it to access Amazon services.
4. Select the check box to accept the terms, and then choose **Close Account**.

5. In the confirmation box, choose **Close Account**.

Billing and Payment

Amazon Web Services in China is priced and billed in local currency (CNY). Each month, Amazon Web Services in China sends an invoice to the email address of the account owner. You can also view your Amazon Web Services in China bill on the **Bills** page of the Amazon Billing and Cost Management console. You use Amazon Web Services in China resources first and then receive an invoice based on usage. You can then pay using either wire transfer or Corporate Bank Redirect.

Note that some features described in the Amazon documentation might not be available in the current Amazon Web Services in China release.

Unavailable features in the billing console include:

- Payment profiles

In the case of Amazon Billing and Cost Management, the free pricing tier is included in the China (Ningxia) Region.

Amazon Cost Explorer

Cost Explorer is a tool that enables you to view and analyze your costs and usage. You can view data for up to the last 12 months to forecast how much you're likely to spend for the next 3 months.

Some feature APIs listed under Amazon Cost Explorer API are currently not available in the China Regions. Unavailable features include:

- Account name dimension in Cost Category Rules.
- Chatbot feature is not available for Amazon Cost Anomaly Detection

Service Endpoint

Amazon Cost Explorer API in China provides the following endpoints:

- **https://ce.cn-northwest-1.amazonaws.com.cn**

For more information in the API reference and User Guide, see Amazon Billing and Cost Management

Amazon Budgets

You can use Amazon Budgets to plan your service cost and usages, as well as reservation coverage and utilizations. With Amazon Budgets, you can receive alerts when your cost and usage exceeds your defined threshold, or is forecasted to exceed thresholds.

Some feature APIs listed under Amazon Budgets are currently not available in the China Regions. Unavailable features include:

- Service Control policies (SCPs) budget action type
- Legal entity and invoicing entity dimension filters

Service Endpoint

Amazon Budgets API in China provides the following endpoints:

- **https://budgets.amazonaws.com.cn**

For more information in to find the API reference and User Guide, see Amazon Billing and Cost Management

Amazon Cost and Usage Report

The Amazon Cost and Usage Reports (Amazon CUR) contains the most comprehensive set of cost and usage data available in Amazon. You can use Amazon CUR to publish your Amazon Web Services billing reports to an Amazon Simple Storage Service (Amazon S3) bucket.

When you create an Amazon CUR for China Regions, you can only create buckets in cn-north-1 (Beijing) and cn-northwest-1 (Ningxia).

Service Endpoint

Amazon Cost and Usage Report preference API in China provides the following endpoints:

- **https://cur.cn-northwest-1.amazonaws.com.cn**

For more information in to find the API reference and User Guide, see Amazon Billing and Cost Management

Tax Settings

For each Amazon Web Services in China account you create, you can enter your tax information on the Tax Settings page of the Amazon Billing and Cost Management console. In addition to providing your name, business information, and address for tax purposes, you also specify the type of VAT invoice you want to receive from Amazon Web Services in China.

To enter your tax information:

1. Sign in to the Amazon Web Services Management Console, and choose your account name in the top navigation bar.
2. To open the Amazon Billing and Cost Management console, choose **Billing & Cost Management**.
3. In the Amazon Billing and Cost Management console, choose **Tax Settings** and then follow the instructions on the page.

ICP Recordal

To use Amazon Web Services in China to host or distribute content publicly, you must complete the Internet Content Provider (ICP) recordal process. You can start the ICP recordal process through the Amazon Billing and Cost Management console. You will be redirected to a third-party site that handles the process.

To file for ICP recordal:

1. Sign in to the Amazon Web Services Management Console and choose your account name in the top navigation bar.
2. To open the Amazon Billing and Cost Management console, choose **Billing & Cost Management**.
3. In the Amazon Billing and Cost Management console, choose the ICP recordal link, and follow the instructions on the page.

Amazon Price List API

The Amazon Price List Bulk API enables you to query for the prices of Amazon Web Services by using either JSON or CSV. Amazon prices change periodically, such as when new services or

features are launched or Amazon changes prices. You can receive Amazon Simple Notification Service notifications by using the following topic ARN:

```
arn:aws:sns:us-east-1:278350005181:price-list-api-china
```

Service Endpoint

You can use the following endpoint:

- **https://pricing.cn-northwest-1.amazonaws.com.cn**

You can also get pricing information from the following URL:

- **https://pricing.cn-northwest-1.amazonaws.com.cn/offers/v1.0/cn/index.json**

The Amazon Price List Query API provides a centralized and convenient way to programmatically query Amazon for services, products, and pricing information.

Service Endpoint

You can use the following endpoint:

- **https://api.pricing.cn-northwest-1.amazonaws.com.cn**

When you call the ListPriceLists API operation, the `CurrencyCode` must be `CNY`.

Using the Console

The Amazon Web Services Management Console provides a simple web interface for Amazon Web Services. The Amazon Web Services Management Console is available in both Chinese and English and can be accessed at https://console.amazonaws.cn. The Amazon Web Services Management Console is dedicated to the Beijing and Ningxia Regions and doesn't support other Amazon Regions.

For console access, use your IAM user name and password to sign in to the Amazon Web Services Management Console using the IAM sign-in page. IAM lets you securely control access to Amazon services and resources in your Amazon Web Services account.

Documentation by Service

The following topics describe the services available in the Beijing and Ningxia Regions. Each topic includes an overview of the service and links to additional documentation for the service. If there are differences between the expected functionality of a service and its functionality in the China Regions, these differences are documented. For services supported in the China Regions, see the Region Table.

> **Note**
>
> Amazon Web Services in China use a region-specific console. The Amazon documentation might show screenshots of the console for other Regions; changes in service functionality are documented in the topics for each service.

Topics

- Amazon Athena
- Amazon API Gateway
- Amazon App Mesh
- Amazon AppSync
- Amazon Account Management
- Amazon Aurora
- Amazon Auto Scaling
- Application Auto Scaling
- Amazon EC2 Auto Scaling
- Amazon Backup
- Amazon Batch
- Amazon Billing and Cost Management
- Amazon Certificate Manager
- Amazon Cloud Control API
- Amazon CloudFormation
- Amazon CloudFront

- Amazon Cloud Map
- Amazon CloudTrail
- Amazon CloudWatch
- Amazon CodeBuild
- Amazon CodeCommit
- Amazon CodeDeploy
- Amazon CodePipeline
- Amazon Cognito
- Amazon Compute Optimizer
- Amazon Config
- Amazon Database Migration Service
- Amazon DataSync
- Amazon Deep Learning Containers
- Amazon Direct Connect
- Amazon Deep Learning AMI
- Amazon Directory Service
- Amazon DocumentDB
- Amazon DynamoDB
- Amazon EBS direct APIs
- Amazon Elastic File System
- Amazon Elastic Kubernetes Service
- Amazon ElastiCache
- Amazon Elastic Beanstalk
- Amazon Elastic Compute Cloud
- EC2 Image Builder
- Amazon Elastic Container Registry
- Amazon Elastic Container Service
- Elastic Load Balancing
- AWS Elemental MediaConvert
- Amazon EMR

- Amazon EventBridge
- FreeRTOS
- Amazon Firewall Manager
- Amazon FSx
- Amazon GameLift
- Amazon Glue
- Amazon S3 Glacier
- Amazon GuardDuty
- Amazon Health
- Amazon Identity and Access Management
- IAM Identity Center
- Amazon Inspector
- Amazon IoT
- Amazon IoT Analytics
- Amazon IoT Events
- Amazon IoT Greengrass
- Amazon IoT SiteWise
- Amazon IoT TwinMaker
- Amazon Key Management Service
- Amazon Keyspaces (for Apache Cassandra)
- Amazon Kinesis Streams
- Amazon Managed Service for Apache Flink
- Amazon Kinesis Video Streams
- Amazon Data Firehose
- Amazon Lake Formation
- Amazon Lambda
- Amazon License Manager
- Amazon Launch Wizard
- Amazon Web Services Management Console
- Amazon Managed Streaming for Apache Kafka

- Amazon Web Services Marketplace
- Amazon MemoryDB for Redis
- Amazon MQ
- Amazon Managed Workflows for Apache Airflow
- Amazon Neptune
- Amazon Network Firewall
- NICE DCV
- Amazon OpenSearch Service
- Amazon Organizations
- Amazon ParallelCluster
- Amazon Personalize
- Amazon Pricing Calculator
- Amazon Polly
- Amazon QuickSight
- Amazon Redshift
- Amazon Relational Database Service
- Amazon Resource Access Manager
- Amazon Resource Groups
- Amazon Route 53
- Amazon Route 53 Application Recovery Controller
- Amazon SageMaker
- SAP HANA on Amazon
- Amazon SDK for SAP ABAP
- Savings Plans
- Amazon Secrets Manager
- Amazon Security Hub
- Amazon Server Migration Service
- Amazon Serverless Application Model
- Amazon Serverless Application Repository
- Service Catalog

- Service Quotas
- Amazon Simple Notification Service
- Amazon Snow Family
- Amazon Simple Storage Service
- Amazon Simple Queue Service
- Amazon Simple Workflow Service
- Amazon Step Functions
- Amazon Storage Gateway
- Amazon Web Services Support
- Amazon Systems Manager
- Amazon Transfer Family
- Amazon Transcribe
- Amazon Trusted Advisor
- Amazon Virtual Private Cloud
- Amazon WAF
- Amazon WorkSpaces
- Amazon X-Ray
- Services Unsupported in Amazon Web Services in China

Amazon Athena

Amazon Athena is an interactive query service that makes it easy to analyze data in Amazon S3 using standard SQL. Athena is serverless, so there is no infrastructure to setup or manage, and you pay only for the queries you run. To get started, simply point to your data in S3, define the schema, and start querying using standard SQL.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Athena is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Athena is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Athena User Guide
- Amazon Athena API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.

- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon API Gateway

Amazon API Gateway is a fully managed service that makes it easy for developers to create, publish, maintain, monitor, and secure APIs at any scale. With a few clicks in the Amazon Web Services Management Console, you can create an API that acts as a "front door" for applications to access data, business logic, or functionality from your back-end services, such as workloads running on Amazon Elastic Compute Cloud (Amazon EC2), code running on Amazon Lambda, or any web application.

Amazon API Gateway handles all the tasks involved in accepting and processing up to hundreds of thousands of concurrent API calls, including traffic management, authorization and access control, monitoring, and API version management. Amazon API Gateway has no minimum fees or startup costs. You pay only for the API calls you receive and the amount of data transferred out.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon API Gateway is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon API Gateway is unique in the following ways:

- To call API Gateway APIs in the Beijing and Ningxia Regions, you must use Beijing Region-specific or Ningxia Region-specific endpoints.
- Edge-optimized APIs and edge-optimized custom domain names are not supported.
- Filing for Internet Content Provider (ICP) recordal—If you want to service API requests in the Beijing Region that can be accessed without authentication, you must obtain an ICP license. For information about filing for ICP recordal, see Billing and Payment. You may also need to refile for ICP whitelisting for API Gateway in the Ningxia Region even if you already filed for it in the Beijing Region.
- The following API Gateway features are either unavailable in the Beijing and Ningxia Regions or require an ICP license:
  - API Gateway serves unauthenticated API requests only if the API owner's Amazon Web Services account is associated with a valid ICP license. As a result, creating an API using a Lambda authorizer or no authorizer requires an ICP license.
  - You can configure an API using a custom authorizer or no authorizer, but the API can only be accessed if your Amazon Web Services in China account is associated with an ICP license.
- Amazon Cognito authorizers are not supported.
- Java and Ruby SDK generation is not supported.
- HTTP API private integrations with Amazon Cloud Map are not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- API Gateway Developer Guide
- V2 API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon App Mesh

Amazon App Mesh makes it easy to monitor and control microservices running on Amazon Web Services.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon App Mesh is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon App Mesh is unique in the following ways:

- Amazon Private CA based TLS is not available.

- Cross account mesh (shared mesh) is not available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon App Mesh User Guide
- Amazon App Mesh API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon AppSync

Amazon AppSync is an enterprise level, fully managed GraphQL service with real-time data synchronization and offline programming features.

Create and interact with data sources using GraphQL from your application. You can build a new application or integrate existing data sources with Amazon AppSync.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon AppSync is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon AppSync is unique in the following ways:

- You cannot create Amazon AppSync data sources for resources outside of the Beijing Region.
- You cannot use Amazon Cognito User Pools as an authentication mode.
- You cannot enable encryption in transit or encryption at rest for your server-side data cache.
- You cannot create Amazon RDS data sources.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon AppSync Developer Guide
- Amazon AppSync API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Account Management

Amazon Account Management helps you manage the Amazon Web Services accounts that you use to access Amazon Web Services. You can update the contact information associated with the the account. In an organization that is managed by Amazon Organizations you can set or update the contact information for all of the member accounts.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Account Management is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Account Management is unique in the following ways:

You can't change the `Country code` or `Company name` for your primary account contact. To change these values, contact Customer Support.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Account Management Reference Guide
- Amazon Account Management API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Aurora

Amazon Aurora is a MySQL- and PostgreSQL-compatible relational database built for the cloud, that combines the performance and availability of traditional enterprise databases with the simplicity and cost-effectiveness of open source databases.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Aurora is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Aurora is unique in the following ways:

- Backtracking is not available.
- Aurora Serverless v1 isn't available in the Beijing Region.
- Because the Ningxia Region uses a unique certificate authority (CA), update your DB clusters for the Ningxia Region to use the Region-specific certificate identified by `rds-ca-rsa2048-g1` in DescribeCertificates calls as soon as possible. The remaining instructions described in the Rotating your SSL/TLS certificate topic are the same, except for the certificate identifier.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only

in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Aurora User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Auto Scaling

With Amazon Auto Scaling, you can quickly set up dynamic and predictive scaling for your scalable Amazon resources. It uses Amazon EC2 Auto Scaling to scale your EC2 instances and Application Auto Scaling to scale resources from other services.

For information about related services, see:

- the section called “Application Auto Scaling”
- the section called “Amazon EC2 Auto Scaling”

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Auto Scaling is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Auto Scaling is unique in the following ways:

- No differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Auto Scaling User Guide
- Amazon Auto Scaling API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Application Auto Scaling

Application Auto Scaling is a web service for developers and system administrators who need a solution for automatically scaling their scalable resources for individual Amazon services beyond Amazon EC2.

For information about related services, see:

- the section called “Amazon Auto Scaling”
- the section called “Amazon EC2 Auto Scaling”

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Application Auto Scaling is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Application Auto Scaling is unique in the following ways:

- Only the following resources are supported for Application Auto Scaling in the China (Beijing) Region:
  - Amazon ECS services
  - Spot Fleet requests
  - Amazon EMR clusters
  - DynamoDB tables and global secondary indexes
  - Amazon SageMaker endpoint variants
  - Aurora replicas
  - Custom resources provided by your own applications or services
  - Lambda function provisioned concurrency
  - Amazon Keyspaces (for Apache Cassandra) tables
  - Amazon MSK cluster storage
  - Amazon Neptune clusters
- Only the following resources are supported for Application Auto Scaling in the China (Ningxia) Region:
  - Amazon ECS services
  - Spot Fleet requests
  - Amazon EMR clusters
  - DynamoDB tables and global secondary indexes
  - Amazon SageMaker endpoint variants
  - Aurora replicas
  - Lambda function provisioned concurrency
  - Amazon Keyspaces (for Apache Cassandra) tables
  - Amazon MSK cluster storage
  - Amazon Neptune clusters
- Because Amazon Health Dashboard is unavailable in the China Regions, Application Auto Scaling does not support Amazon Health Dashboard features.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Application Auto Scaling User Guide
- Application Auto Scaling API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon EC2 Auto Scaling

Amazon EC2 Auto Scaling allows you to scale your Amazon EC2 capacity up or down automatically according to conditions you define. With Amazon EC2 Auto Scaling, you can ensure that the number of Amazon EC2 instances you’re using increases seamlessly to maintain performance during demand spikes, and decreases automatically to minimize costs during demand lulls. Amazon EC2 Auto Scaling is particularly well suited for applications that experience hourly, daily, or weekly

variability in usage. Amazon EC2 Auto Scaling is enabled by Amazon CloudWatch and available at no additional charge beyond CloudWatch fees.

For information about related services, see:

- Amazon Auto Scaling
- Application Auto Scaling

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon EC2 Auto Scaling is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Auto Scaling is unique in the following ways:

- Amazon EC2 provides certain restrictions. For more information, see Amazon Elastic Compute Cloud.
- `Hibernated` is not available as a pool state when creating or updating a warm pool.
- Specifying the `NetworkBandwidthGbps` attribute for an Auto Scaling group that uses attribute-based instance type selection is not available in the Beijing and Ningxia Regions.
- Specifying the `AllowedInstanceTypes` attribute for an Auto Scaling group that uses attribute-based instance type selection is not available in the Beijing and Ningxia Regions.
- Predictive scaling recommendations feature is not currently available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon EC2 Auto Scaling User Guide
- Amazon EC2 Auto Scaling API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Backup

Amazon Backup is a fully managed backup service that makes it easy to centralize and automate the backup of data across Amazon services in the cloud as well as on premises.

Topics

- Region Availability
- Feature Availability and Implementation Differences

- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Backup is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Backup is unique in the following ways:

- Cross Region Backups are only allowed between the Beijing Region and the Ningxia Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Backup Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Batch

Amazon Batch enables you to run batch computing workloads on the Amazon Web Services Cloud. Batch computing is a common way for developers, scientists, and engineers to access large amounts of compute resources, and Amazon Batch removes the undifferentiated heavy lifting of configuring and managing the required infrastructure, similar to traditional batch computing software.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Batch is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Batch is unique in the following ways:

- Elastic Fabric Adapter (EFA) is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Batch User Guide
- Amazon Batch API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Billing and Cost Management

Amazon Billing and Cost Management is a web service that provides features that helps you monitor your costs and pay your bill. Amazon Web Services in China bills your account for usage, which ensures that you pay only for what you use.

Topics

- Region Availability

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Billing and Cost Management is available in the following regions in China:

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Billing and Cost Management is unique in the following ways:

- For detailed information on Amazon Billing and Cost Management for Amazon Web Services in China, see Billing and Payment

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Billing User Guide
- Amazon Cost Management User Guide
- Cost and Usage Reports User Guide
- Amazon Billing and Cost Management API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Certificate Manager

Amazon Certificate Manager (ACM) makes it easy to provision, manage, and deploy SSL/TLS certificates on Amazon managed resources.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Certificate Manager is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Certificate Manager is unique in the following ways:

- Amazon Private Certificate Authority is not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Certificate Manager User Guide
- Amazon Certificate Manager API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Cloud Control API

Amazon Cloud Control API (Cloud Control API) is a set of common application programming interfaces (APIs) that make it easy for developers and partners to manage the lifecycle of Amazon services. Cloud Control API provides five operations for developers to create, read, update, delete, and list (CRUDL) their cloud infrastructure.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Cloud Control API is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Cloud Control API is unique in the following ways:

No differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Cloud Control API User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CloudFormation

Amazon CloudFormation enables you to create and provision Amazon Web Services in China infrastructure deployments predictably and repeatedly. It helps you leverage Amazon Web Services in China products such as Amazon Elastic Compute Cloud, Amazon Elastic Block Store, Amazon Simple Notification Service, Elastic Load Balancing, and Amazon EC2 Auto Scaling to build highly reliable, highly scalable, cost-effective applications without worrying about creating and configuring the underlying Amazon Web Services in China infrastructure. Amazon CloudFormation enables you to use a template file to create and delete a collection of resources together as a single unit (a stack).

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CloudFormation is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon CloudFormation is unique in the following ways:

- Amazon Web Services in China supports a subset of Amazon services and a single Availability Zone and Region; you may need to modify Amazon CloudFormation sample templates and template snippets to conform to these differences.
- Amazon CloudFormation doesn't support the AWS::Include transform.
- Amazon CloudFormation doesn't support the following resources:
  - `AWS::Cognito::IdentityPool`
  - `AWS::Cognito::IdentityPoolRoleAttachment`
  - `AWS::Cognito::UserPool`
  - `AWS::Cognito::UserPoolClient`
  - `AWS::Cognito::UserPoolGroup`
  - `AWS::Cognito::UserPoolUser`
  - `AWS::Cognito::UserPoolUserToGroupAttachment`
  - `AWS::DAX::Cluster`
  - `AWS::DAX::ParameterGroup`
  - `AWS::WAFRegional::XssMatchSettitem`
  - `AWS::DMS::Certificate`
  - `AWS::DMS::Endpoint`
  - `AWS::DMS::EventSubscription`
  - `AWS::DMS::ReplicationInstance`
  - `AWS::DMS::ReplicationSubnetGroup`
  - `AWS::DMS::ReplicationTask`
  - `AWS::KinesisAnalytics::Application`
  - `AWS::KinesisAnalytics::ApplicationOutput`
  - `AWS::KinesisAnalytics::ApplicationReferenceDataSource`
  - `AWS::Organizations::Policy`
  - `AWS::Organizations::ResourcePolicy`

  - `AWS::WAFRegional::ByteMatchSet`

- `AWS::WAFRegional::IPSet`
- `AWS::WAFRegional::Rule`
- `AWS::WAFRegional::SizeConstraintSet`
- `AWS::WAFRegional::SqlInjectionMatchSet`
- `AWS::WAFRegional::WebACL`
- `AWS::WAFRegional::WebACLAssociation`
- `AWS::WAFRegional::XssMatchSet`

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CloudFormation User Guide

  Amazon CloudFormationStackSets

  Amazon CloudFormation API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CloudFront

Amazon CloudFront is a content delivery network (CDN) service that securely delivers data, videos, applications, and APIs to customers, with low latency and high transfer speeds, in a developer-friendly environment. When a user requests content that you're serving with CloudFront, the request is routed to the edge location that provides the lowest latency (time delay), so that content is delivered with the best possible performance.

CloudFront China uses a network of four edge locations in the following cities: Beijing, Shanghai, Zhongwei, and Shenzhen.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CloudFront is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon CloudFront is unique in the following ways:

- You can’t use the default CloudFront domain, `*.cloudfront.cn`, to serve content. You must add an alternate domain name, also known as a CNAME, to your CloudFront distributions, and then use that domain name in the URLs for your content. You also must have an ICP registration.

In addition, just as with the global CloudFront service, to serve content over HTTPS, you must use an SSL/TLS certificate with your alternate domain name.

Amazon CloudFront in the China Regions currently does not support Amazon Certificate Manager. You must get an SSL/TLS certificate from a different third-party certificate authority (CA) and then upload it to the IAM certificate store. For more information, see Importing an SSL/TLS Certificate in the *Amazon CloudFront Developer Guide*.

- By using the CloudFront API, you can view the ICP recordal status for each CNAME in a CloudFront distribution: APPROVED, SUSPENDED, or PENDING. The ICP recordal status is also displayed in the console for Amazon Web Services in China customers. For more information, see CNAME Status (General Tab) in the Amazon CloudFront Developer Guide and AliasICPRecordal in the Amazon CloudFront API Reference.
- Dedicated IP addresses are not available for custom SSL certificates.
- IPv6 is not supported.
- Regional edge caches (RECs) are not available.
- Lambda@Edge is not available. Some rules can be implemented on Application Load Balancer or API Gateway origin.
- Amazon WAF, a web application firewall service, is not available for CloudFront. Amazon WAF can be used on the origin (Application Load Balancer or API Gateway). For rules that should act on the user IP, such as rate limits, configure it to get the IP from the X-Forwarded-For header sent by CloudFront..
- If you need to restore ACL permissions for the `awslogsdelivery` account so that CloudFront can write access logs to your Amazon S3 bucket, you must provide the following canonical name for the account: `a52cb28745c0c06e84ec548334e44bfa7fc2a85c54af20cd59e4969344b7af56`
- When you use an Amazon S3 bucket as a CloudFront origin, use the following configuration:
  - If the S3 bucket is located inside the China Regions, use one of the following formats.
    - If your S3 bucket is not a website endpoint, use the following format: `bucket-name .s3. region .amazonaws.com.cn`.
    - If your S3 bucket is a website endpoint, use the following format: `bucket-name .s3-website. region .amazonaws.com.cn`.
  - When you specify Amazon S3 origins, `region` can be one of the following:
    - For the Beijing Region: `cn-north-1`.
    - For the Ningxia Region: `cn-northwest-1`.

  - If the S3 bucket is located outside of the China Regions, use the following format when you add the bucket as a CloudFront origin: `bucket-name .s3-website. region .amazonaws.com.cn`. For more information and guidance, follow the recommendations in Using Amazon S3 Buckets Configured as Website Endpoints for Your Origin.
- For Amazon Web Services in China customers, CloudFront does not have root keys and does not support root access.
- Cache policies and origin request policies are not available. Legacy cache settings can be used instead.
- Origin Shield is not available.
- CloudFront Functions are not available.
- Legacy clients that don't support server name indication (SNI) are not supported.
- Associate-alias and List-conflicting-aliases API are not available.
- Real-time logs are not available. Standard logs can be used.
- Brotli compression is not available. Gzip compression can be used.
- Origin access control (OAC) is not available. Origin Access Identity (OAI) can be used.
- MediaStore is not available.
- HTTP/3 is not available.
- Websocket is not supported.
- CloudFront managed prefix list is not available. CloudFront IP addresses can be allowlisted in Security Groups associated with resources inside Amazon VPC. For more details about China CloudFront ip addresses, contact Amazon Web Services Support.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CloudFront Developer Guide

- Amazon CloudFront API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)

  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Cloud Map

Amazon Cloud Map lets you name and discover your cloud resources.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Cloud Map is available in the following regions in China:

- Beijing Region

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Cloud Map is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Cloud Map Developer Guide
- Amazon Cloud Map API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CloudTrail

With Amazon CloudTrail, you can monitor your Amazon deployments in the cloud by getting a history of Amazon API calls for your account, including API calls made via the Amazon Web Services Management Console, the Amazon SDKs, the command line tools, and higher-level Amazon services. You can also identify which users and accounts called Amazon APIs for services that support CloudTrail, the source IP address the calls were made from, and when the calls occurred. You can integrate CloudTrail into applications using the API, automate trail creation for your organization, check the status of your trails, and control how administrators turn CloudTrail logging on and off.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CloudTrail is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon CloudTrail is unique in the following ways:

- As of November 22, 2021, Amazon CloudTrail changed how trails capture Amazon CloudFront events. Now, Amazon CloudFront events are available only in the Region where the event was processed, the China (Ningxia) Region, cn-northwest-1. For trails monitoring global service events, be sure to convert single-Region trails in China (Beijing) Region, cn-north-1, to multi-Region trails, to include events from China (Ningxia) Region, cn-northwest-1. For more information, see Converting a trail that applies to one Region to apply to all Regions .

In contrast, the **Event history** in the CloudTrail console and the **aws cloudtrail lookup-events** command will show Amazon CloudFront events in the Region where they occurred.

- CloudTrail Lake is not currently available in China regions.
- The option to add an Amazon Organizations delegated administrator using the console in the Amazon China Regions is not available. To add a delegated administrator, use the **aws cloudtrail register-organization-delegated-admin** command.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CloudTrail User Guide
- Amazon CloudTrail API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CloudWatch

Amazon CloudWatch monitors your Amazon Web Services in China resources and the applications you run on Amazon Web Services in China in real time. You can use CloudWatch to collect and track metrics, which are the variables you want to measure for your resources and applications. CloudWatch alarms send notifications or automatically make changes to the resources you are monitoring based on rules that you define.

Amazon CloudWatch Events delivers a near real-time stream of system events that describe changes in Amazon Web Services (Amazon) resources. Using simple rules that you can quickly set up, you can match events and route them to one or more target functions or streams.

You can use Amazon CloudWatch Logs to monitor, store, and access your log files from Amazon Elastic Compute Cloud (Amazon EC2) instances, Amazon CloudTrail, and other sources.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CloudWatch is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of CloudWatch is unique in the following ways:

- CloudWatch metrics and alerts are not currently available for the following services:
  - Amazon Billing and Cost Management
  - Amazon ElastiCache
  - Amazon OpsWorks

  - Amazon Redshift
  - Amazon Route 53
- The cross-account, cross-Region CloudWatch functionality is not supported.
- The CloudWatch Monitoring scripts for Windows are not available in the Beijing and Ningxia Regions. However, that functionality is now available through the EC2Config and CloudWatch Logs services.
- Dashboard sharing is not available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

Amazon CloudWatch

- Amazon CloudWatch User Guide
- Amazon CloudWatch API Reference

Amazon CloudWatch Events

- Amazon EventBridge User Guide
- Amazon EventBridge API Reference

Amazon CloudWatch Logs

- Amazon CloudWatch Logs User Guide
- Amazon CloudWatch Logs API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CodeBuild

Amazon CodeBuild is a fully managed build service that compiles source code, runs tests, and produces software packages that are ready to deploy. With Amazon CodeBuild, you don't need to provision, manage, and scale your own build servers. Amazon CodeBuild scales continuously and processes multiple builds concurrently, so your builds are not left waiting in a queue. You can get started quickly by using prepackaged build environments, or you can create custom build environments that use your own build tools. With Amazon CodeBuild, you are charged by the minute for the compute resources you use.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CodeBuild is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon CodeBuild is unique in the following ways:

- Amazon CodePipeline is not available in the Beijing and Ningxia Regions. Therefore, integration with Amazon CodePipeline is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CodeBuild

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CodeCommit

Amazon CodeCommit is a version control service that enables you to privately store and manage Git repositories in the Amazon cloud.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CodeCommit is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of CodeCommit is unique in the following ways:

- You cannot create notification rules for CodeCommit in the Beijing and Ningxia Regions. AWS CodeStar Notifications is not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CodeCommit User Guide

- Amazon CodeCommit API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)

  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CodeDeploy

Amazon CodeDeploy is a service that automates code deployments to any instance, including Amazon EC2 instances and instances running on-premises. Amazon CodeDeploy makes it easier for you to rapidly release new features, helps you avoid downtime during application deployment, and handles the complexity of updating your applications. You can use Amazon CodeDeploy to automate software deployments, eliminating the need for error-prone manual operations, and the service scales with your infrastructure so you can easily deploy to one instance or thousands.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon CodeDeploy is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon CodeDeploy is unique in the following ways:

- Automatically updating outdated instances is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CodeDeploy User Guide
- Amazon CodeDeploy API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.

- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon CodePipeline

Amazon CodePipeline (CodePipeline) is a continuous delivery service you can use to model, visualize, and automate the steps required to release your software. You can quickly model and configure the different stages of a software release process. CodePipeline automates the steps required to release your software changes continuously.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

CodePipeline is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of CodePipeline is unique in the following ways.

- CodePipeline cross-region actions are only available between the China (Beijing) and China (Ningxia) Regions.
- You cannot create notification rules for CodePipeline in the China (Beijing) and China (Ningxia) Regions. AWS CodeStar Notifications is not available in the China (Beijing) and China (Ningxia) Regions.

- The following actions/provider types are not supported:
  - `CodeStarSourceConnection` source action for Bitbucket, GitHub, and GitHub Enterprise Server connections
  - Amazon CloudFormation StackSets deploy action
  - Amazon Device Farm test action
  - Amazon Step Functions invoke action
  - GitHub version 1 source action
  - Jenkins build action
  - Snyk invoke action

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon CodePipeline User Guide
- Amazon CodePipeline API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Cognito

Amazon Cognito lets you easily add user sign-up and sign-in and manage permissions for your mobile and web apps. You can create your own user directory within Amazon Cognito. You can also choose to authenticate users through social identity providers such as Facebook, Twitter, or Amazon; with SAML identity solutions; or by using your own identity system. In addition, Amazon Cognito enables you to save data locally on users' devices, allowing your applications to work even when the devices are offline. You can then synchronize data across users' devices so that their app experience remains consistent regardless of the device they use.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Cognito is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Cognito is unique in the following ways:

- Amazon Cognito User Pools are not currently available in the Beijing Region.
- Amazon Cognito Federated Identities do not currently support Facebook or Twitter as identity providers in the Beijing Region.
- In the China (Beijing) Region, identity pool tokens are issued by https://cognito-identity.cn-north-1.amazonaws.com.cn/ instead of https://cognito-identity.amazonaws.com/.

- When you are using Developer Authenticated Identities, https://cognito-identity.cn-north-1.amazonaws.com.cn/ is the key to the login map for GetCredentialsForIdentity.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Cognito Developer Guide
- Amazon Cognito API Reference
- Amazon Cognito user pools API Reference
- Amazon Cognito Federated Identities API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Compute Optimizer

Amazon Compute Optimizer recommends optimal Amazon Web Services compute resources for your workloads. It can help you reduce costs and improve performance, by using machine learning to analyze your historical utilization metrics. Compute Optimizer helps you choose the optimal resource configuration based on your utilization data.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Compute Optimizer is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Compute Optimizer is unique in the following ways:

- The delegated administrator feature is unavailable in the Beijing and Ningxia Regions.
- The external metrics ingestion feature is unavailable in the Beijing and Ningxia Regions.
- The HDD (`st1` and `sc1`) and the Provisioned IOPS SSD `io2 Block Express` EBS volume types aren't supported in the Beijing and Ningxia Regions.
- The C6in, C7a, M6idn, M6in, R6idn, and R6in Amazon EC2 instance types aren't supported in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only

in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- User Guide
- API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Config

Amazon Config provides a detailed view of the configuration of Amazon resources in your Amazon Web Services account. This includes how the resources are related to one another and how they were configured in the past so that you can see how the configurations and relationships change over time.

An Amazon *resource* is an entity that you can work with in Amazon, such as an Amazon Elastic Compute Cloud (Amazon EC2) instance, Amazon Identity and Access Management (IAM) user, or an Amazon Simple Storage Service Amazon S3) bucket.

With Amazon Config, you can do the following:

- Evaluate your Amazon resource configurations for desired settings.
- Get a snapshot of the current configurations of the supported resources that are associated with your Amazon Web Services account.
- Retrieve configurations of one or more resources that exist in your account.
- Retrieve historical configurations of one or more resources.
- Receive a notification whenever a resource is created, modified, or deleted.
- View relationships between resources. For example, you might want to find all resources that use a particular security group.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Config is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Config is unique in the following ways:

- For a list of Amazon resource types supported in the Beijing and Ningxia Regions, see Resource Coverage by Region Availability.
- Amazon Config recording of third-party resources or custom resource types is not supported in the Beijing and Ningxia Regions.
- For a list of rules supported in the Beijing Region, see List of Amazon Config Managed Rules by Region Availability | China (Beijing).

- For a list of rules supported in the Ningxia Region, see List of Amazon Config Managed Rules by Region Availability | China (Ningxia).
- Saving your Amazon Config advanced queries is not supported in the Beijing and Ningxia Regions.
- Using Amazon Config advanced queries across multi-account and multi-regions is not available in the Beijing and Ningxia Regions.
- Amazon Config conformance packs are not supported in the Beijing and Ningxia Regions.
- Amazon Config deployment of Amazon Config rules across an Amazon Organization is not supported in the Beijing and Ningxia Regions .

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Config Developer Guide
- Amazon Config API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Database Migration Service

Amazon Database Migration Service (Amazon DMS) is a cloud service that makes it easy to migrate relational databases, data warehouses, NoSQL databases, and other types of data stores. You can use Amazon DMS to migrate your data into the Amazon Web Services Cloud, between on-premises instances, or between combinations of cloud and on-premises setups.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Database Migration Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Database Migration Service is unique in the following ways:

No Differences

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some

features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Database Migration Service User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon DataSync

Amazon DataSync is an online data transfer service that simplifies, automates, and accelerates moving data between storage systems and services.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

DataSync is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of DataSync is unique in the following ways:

- Transferring data across Amazon Web Services Regions works only when transferring between the Beijing Region and Ningxia Region.
- Connecting your DataSync agent to Amazon Web Services using Federal Information Processing Standard (FIPS) endpoints isn’t available. You can connect your agent using virtual private cloud (VPC) endpoints or public endpoints.
- You can't transfer data to or from Amazon FSx for NetApp ONTAP or Amazon FSx for OpenZFS because those services aren't available in these Regions.
- You can't transfer data to or from an Amazon Snowcone device because it isn’t available in these Regions.
- You can't transfer data between Amazon S3 and Amazon S3 on Outposts because S3 on Outposts isn’t available in these Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon DataSync User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Deep Learning Containers

Amazon Deep Learning Containers (Deep Learning Containers) are a set of Docker images for training and serving models in TensorFlow, TensorFlow 2, PyTorch, and MXNet. Deep Learning Containers provide optimized environments with TensorFlow and MXNet, Nvidia CUDA (for GPU instances), and Intel MKL (for CPU instances) libraries and are available in the Amazon Elastic Container Registry (Amazon ECR).

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Deep Learning Containers is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Deep Learning Containers is unique in the following ways:

- Elastic Inference Deep Learning Container images are not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Direct Connect

Amazon Direct Connect links your internal network to an Amazon Direct Connect location over a standard 1 gigabit, 10 gigabit, or 100 gigabit Ethernet fiber-optic cable. One end of the cable is connected to your router, the other to an Amazon Direct Connect router. With this connection in

place, you can create virtual interfaces directly to the Amazon Web Services Cloud and Amazon Virtual Private Cloud, bypassing Internet service providers in your network path.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Direct Connect is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Direct Connect is unique in the following ways:

- MACsec encryption is not available in China.
- Amazon Direct Connect gateways can only interface with Amazon Virtual Private Clouds or Amazon Transit Gateways in the Amazon Web Services China Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Direct Connect User Guide
- Amazon Direct Connect API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.

  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Deep Learning AMI

The Amazon Deep Learning AMI (DLAMI) is your one-stop shop for deep learning in the Cloud. This customized machine instance is available in most Amazon Elastic Compute Cloud regions for a variety of instance types, from a small CPU-only instance to the latest high-powered multi-GPU instances. It comes preconfigured with NVIDIA CUDA and NVIDIA cuDNN and the latest releases of the most popular deep learning frameworks.

Topics

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Deep Learning AMI is unique in the following ways:

- The Amazon Web Services Marketplace is not available in China Regions.
- You must launch Deep Learning AMIs through the EC2 QuickStart tab. Because the Amazon Web Services Marketplace is not available, all eight DLAMIs are available on the QuickStart tab. In other Amazon Regions, only four of the eight DLAMIs are available there.
- Windows AMIs are not available.
- The instance selection guide recommends using the latest generation of EC2 instance types (C5 and P3), but these are not available in the China Regions. We recommend using the previous generation or instance types: C4 or P2.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Deep Learning AMI Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Directory Service

Amazon Directory Service provides multiple ways to use Microsoft Active Directory (AD) with other Amazon services. Directories store information about users, groups, and devices, and administrators use them to manage access to information and resources. Amazon Directory Service provides multiple directory choices for customers who want to use existing Microsoft AD or Lightweight Directory Access Protocol (LDAP)–aware applications in the cloud. It also offers those same choices to developers who need a directory to manage users, groups, devices, and access.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Directory Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Directory Service is unique in the following ways:

- Only the Amazon Managed Microsoft AD directory type and the AD Connector directory type are supported by Amazon Directory Service in the Beijing and Ningxia Regions.
- The following directory types are not currently supported in the Beijing and Ningxia Regions:
  - Simple AD
  - Amazon Cloud Directory
- The following Amazon Managed Microsoft AD features are not currently supported in both the Beijing and Ningxia Regions:
  - Mapping users to IAM roles for access to the Amazon Web Services Management Console

- The following Amazon Managed Microsoft AD features are not currently supported in the Beijing Region:
  - Multi-factor authentication (MFA)
- The following Amazon services are not currently supported by Amazon Directory Service in both the Beijing and Ningxia Regions:
  - Amazon WorkDocs
  - Amazon WorkMail
  - Amazon QuickSight
  - Amazon Chime
  - Amazon Connect
  - Amazon Web Services Management Console
- The following Amazon services are not currently supported by Amazon Directory Service in the Beijing Region:
  - WorkSpaces
- Amazon Resource Names (ARNs) and endpoints have different values in the Beijing and Ningxia Regions.
- Only signature version 4 signing is supported in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Directory Service Administration Guide
- Amazon Directory Service API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon DocumentDB

Amazon DocumentDB (with MongoDB compatibility) is a fast, reliable, and fully managed database service that makes it easy for you to set up, operate, and scale MongoDB-compatible databases.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon DocumentDB is available in the following regions in China:

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon DocumentDB is unique in the following ways:

- Copying cluster snapshots from other Amazon Regions to the China (Ningxia) Region is not supported.

- Copying cluster snapshots from the China (Ningxia) Region to other Amazon Regions is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon DocumentDB

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon DynamoDB

Amazon DynamoDB is a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability. If you are a developer, you can use Amazon DynamoDB to create a database table that can store and retrieve any amount of data, and serve any level of

request traffic. Amazon DynamoDB automatically spreads the data and traffic for the table over a sufficient number of servers to handle the request capacity specified by the customer and the amount of data stored, while maintaining consistent and fast performance. All data items are stored on solid-state disks (SSDs).

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon DynamoDB is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon DynamoDB is unique in the following ways:

No differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon DynamoDB Developer Guide
- Amazon DynamoDB API Reference
- Amazon DynamoDB Streams API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon EBS direct APIs

You can use the Amazon Elastic Block Store (Amazon EBS) direct APIs to create Amazon EBS snapshots, write data directly to your snapshots, read data on your snapshots, and identify the differences or changes between two snapshots. If you’re an independent software vendor (ISV) who offers backup services for Amazon EBS, the EBS direct APIs make it more efficient and cost-effective to track incremental changes on your Amazon EBS volumes through snapshots. This can be done without having to create new volumes from snapshots, and then use Amazon Elastic Compute Cloud (Amazon EC2) instances to compare the differences.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

EBS direct APIs is available in the following Regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

There are no differences for EBS direct APIs in the China Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- EBS direct APIs User Guide
- EBS direct APIs Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Elastic File System

Amazon Elastic File System provides file storage for your Amazon EC2 instances. With Amazon EFS, you can create a file system, mount the file system on your EC2 instances, and then read and write data from your EC2 instances to and from your file system.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Elastic File System is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon EFS is unique in the following ways:

- Replicating to an existing file system is not supported.
- The EFS Archive storage class and the Transition into Archive lifecycle policy are not supported.
- The EFS console refers to One Zone as a storage class instead of a file system type.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Elastic File System User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)

- You can grant or deny a service access to resources using the `Principal` policy element.
- Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Elastic Kubernetes Service

Amazon Elastic Kubernetes Service is a managed service that makes it easy for you to run Kubernetes on Amazon without needing to install and operate your own Kubernetes clusters.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Elastic Kubernetes Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon EKS is unique in the following ways:

- App Mesh isn't available.
- Amazon EKS on Amazon Outposts isn't available.
- Amazon EC2 A1 instance worker nodes aren't available.
- The Amazon EKS Connector isn't available.
- The following add-ons may require modification for use (see the topics for details)
  - Kubernetes Cluster Autoscaler
  - Kubernetes Dashboard
  - Kubernetes Horizontal Pod Autoscaler
  - Kubernetes Metrics Server
  - Kubernetes Vertical Pod Autoscaler
  - Project Calico
- The Amazon EFS CSI driver is only available as a self-managed installation.
- The Mountpoint for Amazon S3 CSI Driver isn't available as an Amazon EKS add-on and self-managed installation isn't officially supported.
- Amazon Managed Service for Prometheus isn't available.
- Amazon EKS Extended support for Kubernetes Versions isn't available.
- Amazon EKS Anywhere isn't available.
- Amazon EKS Pod Identities aren't available.
- Amazon EKS Upgrade insights aren't available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links

to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- *Amazon EKS User Guide*
- Amazon EKS API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon ElastiCache

Amazon ElastiCache is a web service that makes it easy to set up, manage, and scale distributed in-memory cache environments in the cloud. It provides a high performance, resizable, and cost-effective in-memory cache, while removing the complexity associated with deploying and managing a distributed cache environment. You can choose from Memcached or Redis protocol-compliant cache engine software, and let ElastiCache perform software upgrades and patch management for you automatically.

Topics

- Region Availability
- Feature Availability and Implementation Differences

- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon ElastiCache is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of ElastiCache is unique in the following way:

- When granting ElastiCache read access to your .rdb file on Amazon S3 in the Beijing and Ningxia Regions, type the canonical ID **`b14d6a125bdf69854ed8ef2e71d8a20b7c490f252229b806e514966e490b8d83`** in the **`Grantee`** field instead of **`aws-scs-s3-readonly@amazon.com`**.
- The r6gd node type and data-tiering are not available in these Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon ElastiCache User Guide
- Amazon ElastiCache API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier

- The free usage tier is supported in the Ningxia Region.
- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Elastic Beanstalk

With Amazon Elastic Beanstalk, you can quickly deploy and manage applications in the Amazon Web Services Cloud without worrying about the infrastructure that runs those applications. Elastic Beanstalk reduces management complexity without restricting choice or control. You simply upload your application, and Elastic Beanstalk automatically handles the details of capacity provisioning, load balancing, scaling, and application health monitoring.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Elastic Beanstalk is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Elastic Beanstalk is unique in the following ways:

- In the Beijing Region, environment domains generated by Elastic Beanstalk are formatted as follows, where * denotes the custom domain: *.cn-north-1.eb.amazonaws.com.cn. For more information, see Using Custom Domains with Elastic Beanstalk in the *Amazon Elastic Beanstalk Developer Guide*.
- In the China (Ningxia) Region, environment domains generated by Elastic Beanstalk are formatted as follows, where * denotes the custom domain: *.cn-northwest-1.eb.amazonaws.com.cn. In the Ningxia Region, environment domains generated by Elastic Beanstalk are formatted as follows, where * denotes the custom domain: *.cn-northwest-1.eb.amazonaws.com.cn.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Elastic Beanstalk Developer Guide
- Amazon Elastic Beanstalk API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Elastic Compute Cloud

Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides resizable compute capacity in the cloud. It's designed to make web-scale computing easier for developers. Amazon EC2 presents a true virtual computing environment, allowing you to use web service interfaces to launch instances with a variety of operating systems, load them with your custom application environment, manage your network's access permissions, and run your image using as many or few systems as you want to.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Elastic Compute Cloud is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon EC2 is unique in the following ways:

- **Starter accounts**—For customers with an Internal Access Account, Amazon EC2 public Internet ports are blocked. Internal ports remain available. For more information, see Signup, Accounts, and Credentials.
- **Limited instance types**—Only some Amazon EC2 instance types are available. For a complete list of the available instance types, see Amazon EC2 instance types.
- **No Amazon Systems Manager for Microsoft System Center Virtual Machine Manager**—SCVMM is not available.
- **EC2 AMI Tools**—The Beijing and Ningxia Regions use a non-default public key certificate to encrypt Amazon Machine Image (AMI) manifests. The `ec2-bundle-image`, `ec2-bundle-vol`, `ec2-migrate-bundle`, and `ec2-migrate-manifest` commands require the `--ec2cert $EC2_AMITOOL_HOME/etc/ec2/amitools/cert-ec2-cn-north-1.pem` option in the Beijing Region, and the `--ec2cert $EC2_AMITOOL_HOME/etc/ec2/amitools/cert-ec2-cn-northwest-1.pem` option in the Ningxia Region.
- **Cross-region copy operations** are supported only between the Beijing and Ningxia Regions.
- **VM Export**—The Amazon S3 bucket for the destination image must exist and must have `WRITE` and `READ_ACP` permissions granted to the Beijing Region account with the following canonical ID: 834bafd86b15b6ca71074df0fd1f93d234b9d5e848a2cb31f880c149003ce36f.
- **VM Import**—Windows 11 is not supported.
- **VM Import**—Windows Server 2022 is not supported.
- By default, **enhanced networking** is not enabled on Windows Server 2012 R2 AMIs. For more information, see Enabling Enhanced Networking on Windows Instances in a VPC.
- **IPv6** is supported. For more information about IPv6 support for Amazon S3 and other services, see Getting Started with Amazon Web Services in China.
- **Systems Manager Automation** — The `aws:copyImage` action is not supported.
- **Spot Instance requests**—The **AWSServiceRoleForEC2Spot** service-linked role is not created for you automatically. Create a service-linked role with this name, using `spot.amazonaws.com` as the service name and **AWSEC2SpotServiceRolePolicy** as the policy.
- **Reserved Instances**:
  - **No Reserved Instance Marketplace**—The Reserved Instance Marketplace is not available.
  - **No three-year-term Standard Reserved Instances**—Standard Reserved Instances are not available in three-year terms.
  - **Reserved Instance Discount Pricing Tiers**—For more information, see Understanding Reserved Instance Discount Pricing Tiers.

Pricing Tiers

Total List Value of Reserved Instances	Upfront discount	Hourly discount
Less than ¥3200000	0%	0%
¥3200000 to ¥25000000	5%	5%
¥25000000 to ¥64000000	10%	10%
More than ¥64000000	Contact us	Contact us

- **The Provisioned IOPS SSD (io2) EBS volume type** is not available in the China Regions.
- **Amazon Nitro Enclaves** is not available in the China Regions.
- **Spot Instance data feed** is not available in the China Regions.
- **EC2 Fleet can't launch On-Demand Instances into targeted Capacity Reservations** in the China Regions.
- **The `lastLaunchedTime` AMI attribute** is not available in the China Regions.
- Credential Guard is not available in the China Regions.
- **Bringing your own IP address ranges (BYOIP)** is not available in the China Regions.
- Amazon EC2 instance topology is not available in the China Regions.
- Mac instances are not available in the China Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon EC2 User Guide for Linux Instances
- Amazon EC2 User Guide for Windows Instances
- Amazon EC2 API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

EC2 Image Builder

EC2 Image Builder is a fully-managed Amazon service that makes it easier to automate the creation, management, and deployment of customized, secure, and up-to-date “golden” server images that are pre-installed and pre-configured with software and settings to meet specific IT standards.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

EC2 Image Builder is available in the following regions in China:

- Beijing Region

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Image Builder is unique in the following ways:

- Amazon EC2 Image Builder does not support common vulnerability (CVE) findings in Beijing and Ningxia Regions.
- Amazon EC2 Image Builder does not support image lifecycle policies in Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Elastic Compute Cloud Image Builder User Guide
- Amazon Elastic Compute Cloud Image Builder API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Elastic Container Registry

Amazon Elastic Container Registry (Amazon ECR) is a managed Amazon Docker registry service that is secure, scalable, and reliable. Amazon ECR supports private Docker repositories with resource-based permissions using Amazon Identity and Access Management (IAM) so that specific users or Amazon EC2 instances can access repositories and images. Developers can use the Docker CLI to push, pull, and manage images.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Elastic Container Registry is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Elastic Container Registry is unique in the following ways:

- Cross-region and cross-account replication is not supported between the China Regions and Amazon Web Services Regions outside of China.
- The Amazon ECR VPC endpoints are `cn.com.amazonaws.cn-northwest-1.ecr.dkr` and `cn.com.amazonaws.cn-northwest-1.ecr.api`. For more information, see Amazon ECR interface VPC endpoint (Amazon PrivateLink).

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Elastic Container Registry User Guide
- Amazon Elastic Container Registry API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Elastic Container Service

Amazon Elastic Container Service (Amazon ECS) is a highly scalable, fast, container management service that makes it easy to run, stop, and manage Docker containers on a cluster of Amazon EC2 instances. Amazon ECS lets you launch and stop container-based applications with simple API calls, allows you to get the state of your cluster from a centralized service, and gives you access to many familiar Amazon EC2 features.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Elastic Container Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon ECS is unique in the following ways:

- When you use an external instance (ECS Anywhere) that runs Windows, run the following command on your on-premises server or virtual machine (VM) to download the installation script.

  ```
  Invoke-RestMethod -URI "https://amazon-ecs-agent.s3.cn-north-1.amazonaws.com.cn/ecs-anywhere-install.ps1" -OutFile "ecs-anywhere-install.ps1"
  ```

  For more information about registering external instances, see Registering an external instance to a cluster in the *Amazon Elastic Container Service Developer Guide*.
- The following features are not available in the China (Ningxia) Region:
  - CodePipeline support
- The following features are not available in the China (Ningxia) Region and China (Beijing) Region:
  - Using CloudWatch alarms to detect when a rolling update deployment has failed

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only

in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Elastic Container Service Developer Guide
- Amazon Elastic Container Service API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Elastic Load Balancing

Elastic Load Balancing automatically distributes incoming application traffic across multiple Amazon EC2 instances. It enables you to achieve greater fault tolerance in your applications, seamlessly providing the amount of load balancing capacity needed in response to incoming application traffic. Elastic Load Balancing detects unhealthy instances within a pool and automatically reroutes traffic to healthy instances until the unhealthy instances have been restored.

Topics

- Region Availability
- Feature Availability and Implementation Differences

- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Elastic Load Balancing is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Elastic Load Balancing is unique in the following ways:

- VPC endpoints are not supported in the China Regions.
- China Regions do not support authenticating users using Application Load Balancers through an identity provider (IdP) that is OpenID Connect (OIDC) compliant or through the user pools supported by Amazon Cognito.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Elastic Load Balancing User Guide
- Elastic Load Balancing API Reference version 2012-06-01

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier

- The free usage tier is supported in the Ningxia Region.
- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

AWS Elemental MediaConvert

AWS Elemental MediaConvert is a file-based video processing service that provides scalable video processing for content owners and distributors with media libraries of any size. MediaConvert offers advanced features that enable premium content experiences, including:

- Professional broadcast codecs that support increased bit depth and HDR content creation
- Still graphic overlays
- Advanced audio
- Closed captioning support

AWS Elemental MediaConvert offers support for various input formats and adaptive bitrate (ABR) packaging output formats for delivering high-quality content from a range of sources onto primary and multiscreen devices.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

AWS Elemental MediaConvert is available in the following regions in China:

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of AWS Elemental MediaConvert is unique in the following ways:

- AWS Elemental MediaConvert is available only in the Ningxia Region.
- Some forms of data protection through encryption are not currently supported by AWS Elemental MediaConvert in the Ningxia Region. The following forms of encryption are not supported:
  - Decryption of input media files that you encrypt before uploading them to Amazon S3.
  - Encryption of output media files with a master key that is managed by Amazon Key Management Service (SSE-KMS). Therefore, you can't provide your own master key when using AWS Elemental MediaConvert in the Ningxia Region.

    > **Note**
    >
    > In the Ningxia Region, AWS Elemental MediaConvert does support encryption of output files with a master key managed by Amazon S3.

  - Digital rights management (DRM) using dynamic keys. This includes all DRM done with third-party DRM partners using the SPEKE specification.

    > **Note**
    >
    > In the Ningxia Region, AWS Elemental MediaConvert does support static key encryption in HLS packages.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only

in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- AWS Elemental MediaConvert User Guide
- AWS Elemental MediaConvert API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon EMR

Amazon EMR helps you analyze and process vast amounts of data by distributing the computational work across a cluster of virtual servers running in the Amazon Cloud. The cluster is managed using an open-source framework called Hadoop. Amazon EMR lets you focus on crunching or analyzing your data without having to worry about time-consuming setup, management, and tuning of Hadoop clusters or the compute capacity they rely on.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References

- General Information About Amazon Web Services in China

Region Availability

Amazon EMR is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon EMR is unique in the following ways:

- Automatic Amazon Linux updates, as discussed in the Amazon EMR Management Guide, are not enabled in the Beijing and Ningxia Regions.
- Amazon EMR does not support AMI version 2.4.11 and earlier in the Beijing and Ningxia regions. The China (Ningxia) region only supports Amazon EMR version 4.9.1 and later.
- YARN **Application history** is not available on the cluster details page.
- The old Amazon EMR management console is the default console for the Beijing and Ningxia Regions.
- The following table indicates which instance are available to be used with Amazon EMR in the Beijing and Ningxia regions. **Yes** appears for regions where the instance type is available.

Instance Type	China (Beijing)	China (Ningxia)
c3.2xlarge	Yes	No
c3.4xlarge	Yes	No
c3.8xlarge	Yes	No
c3.xlarge	No	Yes
g2.2xlarge	Yes	No
d2.xlarge	No	Yes

Instance Type	China (Beijing)	China (Ningxia)
d2.2xlarge	No	Yes
d2.4xlarge	No	Yes
d2.8xlarge	No	Yes
i2.2xlarge	No	Yes
i2.4xlarge	No	Yes
i2.8xlarge	No	Yes
i2.xlarge	No	Yes
i3.xlarge	No	Yes
i3.2xlarge	No	Yes
i3.4xlarge	No	Yes
i3.8xlarge	No	Yes
i3.16xlarge	No	Yes
m1.large	Yes	No
m1.medium	Yes	No
m1.small	Yes	No
m1.xlarge	Yes	No
m3.2xlarge	Yes	No
m3.medium	Yes	No
m3.large	Yes	No
m3.xlarge	Yes	No
r3.xlarge	Yes	No

Instance Type	China (Beijing)	China (Ningxia)
r3.2xlarge	Yes	No
r3.4xlarge	Yes	No
r3.8xlarge	Yes	No
m4.large	Yes	Yes
m4.xlarge	Yes	Yes
m4.2xlarge	Yes	Yes
m4.4xlarge	Yes	Yes
m4.10xlarge	Yes	Yes
m4.16xlarge	Yes	Yes
c4.large	Yes	Yes
c4.xlarge	Yes	Yes
c4.2xlarge	Yes	Yes
c4.4xlarge	Yes	Yes
c4.8xlarge	Yes	Yes
r4.xlarge	Yes	Yes
r4.2xlarge	Yes	Yes
r4.4xlarge	Yes	Yes
r4.8xlarge	Yes	Yes
r4.16xlarge	Yes	Yes

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- All Amazon EMR versions
  - Amazon EMR API Reference
- Amazon EMR versions 4.0 and later
  - Amazon EMR Management Guide
  - Amazon EMR Release Guide
- Amazon EMR versions earlier than 4.0
  - Amazon EMR Developer Guide (applies only to Amazon EMR versions earlier than 4.0)

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon EventBridge

Amazon EventBridge is a serverless event bus service that makes it easy to connect your applications with data from a variety of sources. EventBridge delivers a stream of real-time data from your own applications, software-as-a-service (SaaS) applications, and Amazon services and routes that data to targets such as Amazon Lambda. You can set up routing rules to determine where to send your data to build application architectures that react in real time to all of your data sources. EventBridge enables you to build event-driven architectures that are loosely coupled and distributed.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon EventBridge is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon EventBridge is unique in the following ways:

- The Amazon EventBridge Scheduler service is not available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links

to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon EventBridge User Guide
- Amazon EventBridge API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

FreeRTOS

FreeRTOS is an operating system that makes microcontroller-based edge devices easy to program, deploy, secure, and maintain. FreeRTOS extends the FreeRTOS kernel, a popular open source operating system for microcontrollers, with software libraries that can be used to securely connect devices (locally and to the cloud) and update them remotely.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

FreeRTOS is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of FreeRTOS is unique in the following ways:

- Currently, Amazon IoT Device Tester for FreeRTOS is not supported in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- FreeRTOS User Guide
- FreeRTOS Porting Guide
- FreeRTOS Qualification Guide
- FreeRTOS API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Firewall Manager

Amazon Firewall Manager simplifies your administration and maintenance tasks across multiple accounts and resources for a variety of protections, including Amazon WAF Amazon VPC security groups, and Amazon Route 53 Resolver DNS Firewall. With Firewall Manager, you set up your protections just once and the service automatically applies them across your accounts and resources, even as you add new resources.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Firewall Manager is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Firewall Manager is unique in the following ways:

- No support for Amazon Shield Advanced

- No support for Amazon Network Firewall

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Firewall Manager Developer Guide
- Amazon Firewall Manager API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon FSx

Amazon FSx provides fully managed third-party file systems with the native compatibility and feature sets for workloads such as Microsoft Windows–based storage, high-performance

computing, machine learning, and electronic design automation. Amazon FSx supports three file system types: FSx for Lustre, FSx for ONTAP and FSx for Windows File Server.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon FSx is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon FSx is unique in the following ways:

- For Amazon FSx for Windows File Server, the Multi-AZ file system deployment type is not available in the China (Beijing) region.
- For Amazon FSx for Lustre, the Scratch 1 and Scratch 2 file system deployment types are not available.
- For Amazon FSx for NetApp ONTAP, Nitro-based encryption in transit is not available.
- For Amazon FSx for OpenZFS, the Single-AZ 2 file system deployment type is not available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon FSx for Windows File Server User Guide
- Amazon FSx for Lustre User Guide
- Amazon FSx for NetApp ONTAP User Guide
- Amazon FSx for OpenZFS User Guide
- Amazon FSx API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon GameLift

Amazon GameLift is a fully managed service for deploying, operating, and scaling your session-based multiplayer game servers in the cloud. Amazon GameLift replaces the work required to host your own game servers, including buying and setting up hardware, and managing ongoing activity, security, storage, and performance tracking. The Amazon GameLift auto-scaling capabilities provide additional protection from having to pay for more resources than you need, while helping to ensure that your players can find and join games with minimal waiting. Amazon GameLift provides robust tool for matchmaking with FlexMatch.

Topics

- Region Availability

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon GameLift is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon GameLift is unique in the following ways:

- Amazon Graviton instance types are not available in Amazon GameLift.
- Fleets that are created and reside in a China region cannot deploy instances to locations other than the fleet's home region. In addition, fleets that reside outside of a China region cannot deploy instances to remote locations in a China region.
- For any queues that are created and run in a China region, they must contain only destinations (either fleets or aliases) that are also in the China region; destinations outside of the China region cannot be used. In addition, destinations that run in a China region cannot be used by a queue that is outside of the China region.
- For FlexMatch matchmaking, matchmaking configurations that are created and run in a China region must use only queues that are also in the China region; queues in other regions cannot be used. In addition, queues that run in a China region cannot be used by a matchmaking configuration that is not in a China region.
- When securely accessing Amazon services from Amazon GameLift-hosted instances, instances in fleets that are deployed in a China region can only access other Amazon resources in the region; they cannot access Amazon resources in other regions. In addition, other Amazon resources that are deployed in a China region cannot be accessed by instances in fleets that are deployed in a different region.
- Because Amazon Certificate Manager is not available in the China Regions, TLS certificate generation is not supported. New fleets must have the certificate configuration set to *disabled*.

- Use of AMD instances for Amazon GameLift FleetIQ game server groups is not available in the China Regions.
- Game server builds for the Amazon Linux 2023 operating system are not supported.
- The use of personal compute resources with Amazon GameLift Anywhere is not supported.
- Server SDK 5.x is not supported; this includes the use of C++, C#, and Go.
- Server side encryption for Amazon SNS topics is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon GameLift Developer Guide
- Amazon GameLift API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Glue

Amazon Glue is a fully managed ETL (extract, transform, and load) service that makes it simple and cost-effective to categorize your data, clean it, enrich it, and move it reliably between various data stores. Amazon Glue consists of a central data repository known as the Amazon Glue Data Catalog, an ETL engine that automatically generates Python code, and a flexible scheduler that handles dependency resolution, job monitoring, and retries. Amazon Glue is serverless, so there's no infrastructure to set up or manage. Use the Amazon Glue console to discover your data, transform it, and make it available for search and querying. You can also use the Amazon Glue API operations to interface with Amazon Glue.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Glue is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

- CloudWatch Logs encryption is not supported in the Ningxia Region.
- Amazon Glue VPC endpoints are not available in the Beijing and Ningxia Regions.
- Certain ETL streaming features are not supported in the Beijing and Ningxia Regions.
- Amazon AppFlow and Amazon Data Exchange with Amazon Glue DataBrew are not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Glue Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon S3 Glacier

Amazon S3 Glacier is a low-cost storage service that provides secure and durable storage for data archiving and backup. With S3 Glacier, customers can store their data cost effectively for months, years, or even decades. Amazon S3 Glacier enables customers to offload the administrative burdens of operating and scaling storage to Amazon Web Services in China, so they don't have to worry about capacity planning, hardware provisioning, data replication, hardware failure detection and recovery, or time-consuming hardware migrations.

Topics

- Region Availability
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon S3 Glacier is available in the following regions in China:

- Beijing Region
- Ningxia Region

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon S3 Glacier Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon GuardDuty

Amazon GuardDuty is a continuous security monitoring service. Amazon GuardDuty can help to identify unexpected and potentially unauthorized or malicious activity in your Amazon environment.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon GuardDuty is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

- As of January 25, 2024, malware scan (in Malware Protection) of Amazon EBS volumes encrypted with Amazon managed keys, is unavailable in both the China Regions.
- As of November 27, 2023, Runtime Monitoring is unavailable in both the China Regions. The new APIs related to Runtime Monitoring are also unavailable in these Regions.
- As of November 8, 2023, the following Kubernetes audit logs finding types are not available in both the China Regions:
  - CredentialAccess:Kubernetes/AnomalousBehavior.SecretsAccessed
  - PrivilegeEscalation:Kubernetes/AnomalousBehavior.RoleBindingCreated
  - Execution:Kubernetes/AnomalousBehavior.ExecInPod

  - PrivilegeEscalation:Kubernetes/AnomalousBehavior.WorkloadDeployed!PrivilegedContainer
  - PrivilegeEscalation:Kubernetes/AnomalousBehavior.WorkloadDeployed!ContainerWithSensitiveMount
  - Execution:Kubernetes/AnomalousBehavior.WorkloadDeployed
  - PrivilegeEscalation:Kubernetes/AnomalousBehavior.RoleCreated
  - Discovery:Kubernetes/AnomalousBehavior.PermissionChecked
- As of May 25, 2023, On-demand malware scan within GuardDuty Malware Protection is unavailable in both the China Regions. The new API related to on-demand malware scan is also unavailable in these Regions.
- As of April 5, 2023, the following Amazon EC2 finding types are unavailable in both the China Regions.
  - DefenseEvasion:EC2/UnusualDoHActivity
  - DefenseEvasion:EC2/UnusualDoTActivity
- As of March 30, 2023, EKS Runtime Monitoring is unavailable in both the China Regions. The new APIs related to EKS Runtime Monitoring are also unavailable in these Regions.
- As of November 30, 2022, the GuardDuty RDS Protection feature is unavailable in China Regions.
- As of September 29, 2021, GuardDuty findings for CloudFront activity will no longer be available in China (Beijing) Region, cn-north-1. In order to monitor CloudFront activity, GuardDuty must be enabled in China (Ningxia) Region, cn-northwest-1.
- The following GuardDuty Tor-related finding types have retired in both Beijing and Ningxia regions:
  - UnauthorizedAccess:EC2/TorClient
  - UnauthorizedAccess:EC2/TorRelay
  - Discovery:S3/TorIPCaller
  - UnauthorizedAccess:S3/TorIPCaller
  - Recon:IAMUser/TorIPCaller
  - UnauthorizedAccess:IAMUser/TorIPCaller
  - CredentialAccess:Kubernetes/TorIPCaller
  - DefenseEvasion:Kubernetes/TorIPCaller
  - Discovery:Kubernetes/TorIPCaller
  - Impact:Kubernetes/TorIPCaller
  - Persistence:Kubernetes/TorIPCaller

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon GuardDuty User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Health

Amazon Health provides personalized information about events that can affect your Amazon infrastructure, guides you through scheduled changes, and accelerates the troubleshooting of issues that affect your Amazon resources and accounts.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References

- General Information About Amazon Web Services in China

Region Availability

Amazon Health is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Health is unique in the following ways:

- The organizational view feature isn't supported.
- You can navigate to the Amazon Web Services Health Dashboard page to view the health of all Amazon Web Services without signing in to your Amazon Web Services account.
- If you sign in to your Amazon Web Services account, you can find events specific to your account and services in the **Personal Health Dashboard**.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Health User Guide
- Amazon Health API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Identity and Access Management

Amazon Identity and Access Management (IAM) enables you to securely control access to Amazon Web Services in China services and resources for your users. With IAM, you can create and manage Amazon Web Services in China users and groups and use permissions to allow and deny their access to Amazon Web Services in China resources. In some scenarios, you may also want to use Amazon Security Token Service, which lets you grant a trusted user temporary, limited access to your Amazon Web Services in China resources.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Identity and Access Management does not require region selection, but is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of IAM is unique in the following ways:

- **Users and credentials** – In the Beijing and Ningxia Regions, there is no concept of the "root user" or "account user" credentials. All users are IAM users, including the user who created the account. Administrative IAM users might have permissions to complete tasks that require root user credentials. If they don't, you must contact Support to complete those tasks.
- **Forgot password** – If an IAM user (including the administrator user) in the Beijing and Ningxia Regions forgets their password, they can reset the password from the Amazon Web Services Management Console. Amazon will send a password reset link to the email address that is associated with the Amazon account. Administrators cannot use a policy to deny access to this feature because the requestor is not signed in to Amazon. However, each request is stored as a CloudTrail entry. For more information, see IAM Credentials.
- **No hardware or SMS MFA** – The Beijing and Ningxia Regions do not support using hardware or SMS multi-factor authentication (MFA) for IAM users. The Regions do support using virtual MFA. For information about using virtual MFA, see Enabling a Virtual Multi-factor Authentication (MFA) Device.
- **Web identity federation** – Some web identity providers, such as social media platforms, might not be available in the Beijing and Ningxia Regions.
- **IAM control plane** – There is one IAM control plane for all China Regions, which is located in the China (Beijing) Region. Each Amazon Web Services Region has a completely independent instance of the IAM data plane. For more information, see Resilience in Amazon Identity and Access Management.
- **Amazon API Signature Version** – Services available in the Beijing and Ningxia Regions support only signature version 4 signing.
- **Policy names** – IAM policy names can contain only the following Unicode characters: horizontal tab (x09), linefeed (x0A), carriage return (x0D), and characters in the range x20 to xFF. In practice, this means that you can't use Chinese characters in policy names.
- **Service principals in policies** – In IAM policies where the principal is a service, the service principal name can include the following formats, with "service" replaced by the name of the service:

```
service.amazonaws.com
```

```
service.amazonaws.com.cn
```

> **Note**
>
> Do not try to guess the service principal, because it is case sensitive and the format can vary across Amazon services. The service principal is defined by the service. To learn the service principal for a service, see the documentation for that service. For some services, see Amazon services that work with IAM and look for the services that have **Yes** in the **Service-linked role** column. Choose a **Yes** with a link to view the service-linked role documentation for that service. View the **Service-linked role permissions** section for that service to view the service principal.

For more information, see Creating a Role to Delegate Permissions to an Amazon Service and Using an IAM Role to Grant Permissions to Applications Running on Amazon EC2 Instances.

- **SSH public keys** – SSH public keys are used only in conjunction with CodeCommit, which is currently not available in the Beijing and Ningxia Regions.
- In the Beijing Region, **the Amazon Resource Name (ARN) syntax** includes the `aws-cn` partition for resources in the Region. For example: arn:aws-cn:iam::123456789012:user/division_abc/subdivision_xyz/Zhang.
- In the Ningxia Region, **the Amazon Resource Name (ARN) syntax** includes the `aws-cn` partition for resources in the Region. For example: arn:aws-cn:iam::123456789012:user/division_abc/subdivision_xyz/Wang.
- **Switching roles** – In the Beijing Region and Ningxia Region, after you switch to a role in the Amazon Web Services Management Console, you cannot switch back to your original credentials. Instead, you must sign out and then sign in again using the desired credentials.
- Only some Amazon services support service-linked roles in the Beijing and Ningxia Regions. For information about which services support using service-linked roles, see Amazon services that work with IAM and look for the services that have **Yes** in the **Service-Linked Role column**. To learn whether the service supports service-linked roles in a specific region, choose the **Yes** link to view the service-linked role documentation for that service.
- **Access Analyzer** – The Beijing and Ningxia Regions do not support the creation of unused access analyzers. The Beijing and Ningxia Regions do not support the creation of external access analyzers with an organization as the zone of trust. The Beijing and Ningxia Regions do support

creation of an analyzer with the Amazon Web Services account as the zone of trust. For more information, see Enabling Access Analyzer.

- **Last accessed data** – Data about when an IAM identity (user, group, or role) last attempted to access an Amazon service through permissions granted by an IAM policy is not available. For more information, see Service Last Accessed Data.
- **Role last used** – Information about when a role was last used is not available. For more information, see View Role Access.
- **Custom policy checks** – Custom policy checks are not supported in the Beijing and Ningxia Regions. To learn more, see IAM Access Analyzer custom policy checks in the *IAM User Guide*.
- **Policy generation** – Policy generation is not supported in the Beijing and Ningxia Regions. To learn more, see Generate policies based on access activity in the *IAM User Guide*.
- **IAM Roles Anywhere** – The Beijing and Ningxia Regions do not support the creation of trust anchors with Amazon Private Certificate Authority. The Beijing and Ningxia Regions do support the creation of a trust anchor with your own certificate authority. To learn more, see Creating a trust anchor and profile in the IAM Roles Anywhere User Guide.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- IAM User Guide
- IAM API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

IAM Identity Center

With IAM Identity Center, you can create or connect workforce users and centrally manage their access across all their Amazon Web Services accounts and applications. You can use multi-account permissions to assign your workforce users access to Amazon Web Services accounts. You can use application assignments to assign your users access to Amazon Web Services managed and customer managed applications.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

IAM Identity Center is available in the following Regions in China:

- China (Beijing) Region
- China (Ningxia) Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of IAM Identity Center is unique in the following way:

- IAM Identity Center integrates with Amazon Organizations to manage access across your Amazon Web Services accounts, and therefore, IAM Identity Center is subject to any Amazon Organizations differences.
- The Amazon Web Services access portal URL has a URL pattern of `https://start.home.awsapps.cn/directory/[IdentityStoreId]` or `https://start.home.awsapps.cn/directory/[CustomAlias]`.

  You can find this URL on the **Settings** page in the IAM Identity Center console.
- The Amazon Resource Name (ARN) for your IAM Identity Center instance has a pattern of `arn:aws-cn:sso:::instance/[InstanceId]` You can find this ARN on the **Settings** page in the IAM Identity Center console.
- The ARNs for IAM Identity Center permission sets has a pattern of `arn:aws-cn:sso:::permissionSet/[InstanceID]/[PermissionSetID]` You can find these ARNs on the **Permission sets** tab under the Amazon Web Services accounts page in the IAM Identity Center console.
- The email address `no-reply@login.awsapps.cn` is used for sending email-verification, password reset, and user invitation emails in the Beijing and Ningxia Regions. The email address `no-reply@signin.amazonaws.com.cn` is used for sending forgotten password emails.
- Google Workspace (formerly G Suite) is not available in China.
- The solutions provided by Amazon Security Competency partners CyberArk, Ermetic, and Okta are not hosted in China. Their capabilities and integration with IAM Identity Center for the purposes of temporary elevated access management have not been tested with IAM Identity Center in China.
- Single sign-on to Amazon EC2 Windows instances for IAM Identity Center users is not supported.
- IAM Identity Center integrates with Amazon Web Services applications to provide single sign-on and centralized identity and access management for those applications. The Amazon Web Services products page lists the Amazon Web Services applications available in China. Refer to the China-specific user guide of an Amazon Web Services application for details on its integration with IAM Identity Center.
- The application and identity providers referenced in the IAM Identity Center documentation are third parties. Their instances may be located outside of China. Customers should verify the location of the instances with the third-party providers directly, and customers should confirm whether any cross-border transfers of data comply with their obligations under applicable laws. If customers use the services offered by these third parties, customers may experience higher latency due to reasons beyond the control of Amazon (for example, if the third party's

servers are outside of China), and customers should work with the third-party provider directly to address latency.

- The cloud application, External Amazon Web Services Account, is presently not available in the cloud application catalog. If you need to configure a federation to an Amazon Web Services account, which is not part of the same Amazon organization, you can use a custom SAML application. Instructions on how to set up the federation in the account are available in IAM User Guide.
- Amazon Web Services China (Beijing) Region, operated by Sinnet, and Amazon Web Services China (Ningxia) Region, operated by NWCD, are enabled by default. Therefore, they do not need to be manually enabled.
- The following Amazon Web Services managed application is supported for account instances of IAM Identity Center:
  - Amazon S3 Access Grants
- If you filter access to specific Amazon Web Services domains by using a web content filtering solution such as next-generation firewalls (NGFW) or Secure Web Gateways (SWG), you must add the following domains to your web-content filtering solution allowlists. Doing so enables you to access your Amazon Web Services access portal.
  - `start.home.awsapps.cn`
  - `start.[Region].home.awsapps.cn`
  - `oidc.[Region].amazonaws.com.cn`
  - `*.applicationcatalog.amazonaws.com.cn`
  - `*.sso.[Region].amazonaws.com.cn`
  - `*.sso.amazonaws.cn`
  - `*.sso-portal.[Region].amazonaws.com.cn`
  - `*.sso.[Region].amazonaws.cn`
  - `aws-access-portal-website-prod-bjs-assets.s3.cn-north-1.amazonaws.com.cn`
  - `aws-access-portal-website-prod-zhy-assets.s3.cn-northwest-1.amazonaws.com.cn`
  - `s3.cn-north-1.amazonaws.com.cn/awsconsole-peregrine-portal-prod-bjs-assets`
  - `s3.cn-northwest-1.amazonaws.com.cn/awsconsole-peregrine-portal-prod-zhy-assets`

- `[Region].signin.amazonaws.cn`
- `*.cloudfront.net`
- `opfcaptcha-prod.s3.amazonaws.com`

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IAM Identity Center User Guide
- IAM Identity Center API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Inspector

Amazon Inspector is a security vulnerability management service that helps improve the security and compliance of your Amazon resources. Amazon Inspector automatically assesses resources for vulnerabilities or deviations from best practices, and then produces a detailed list of security findings prioritized by level of severity. Amazon Inspector includes a knowledge base of hundreds of rules mapped to common security standards and vulnerability definitions that are regularly updated by Amazon security researchers.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Inspector is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Inspector is unique in the following ways:

- Network Reachability findings are not supported.
- CI/CD integration is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links

to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Inspector User Guide
- Amazon Inspector API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT

Amazon IoT provides secure, bi-directional communication between Internet-connected things (such as sensors, actuators, embedded devices, or smart appliances) and the Amazon Cloud. This enables you to collect telemetry data from multiple devices and store and analyze the data. You can also create applications that enable your users to control these devices from their phones or tablets. Amazon IoT includes Amazon IoT Device Management and Amazon IoT Device Defender. Amazon IoT Device Defender allows you to audit the configuration of your devices, monitor your connected devices to detect abnormal behavior, and to mitigate security risks. It gives you the ability to enforce consistent security policies across your Amazon IoT device fleet and respond quickly when devices are compromised.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon IoT is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT is unique in the following ways:

Amazon IoT Core

The following are not supported:

- The Amazon IoT SiteWise rule action
- Amazon IoT Analytics, Amazon IoT Events, and Amazon Cognito are not supported in the Ningxia Region.
- Encryption of stored data (data at rest) for the fleet indexing service
- Alexa Voice Service Integration for Amazon IoT
- Configurable endpoints

Amazon IoT Device Defender

The following types of audit checks are not supported:

- `IOT_ROLE_ALIAS_OVERLY_PERMISSIVE_CHECK`
- `IOT_ROLE_ALIAS_ALLOWS_ACCESS_TO_UNUSED_SERVICES_CHECK`

The following audit checks are available in the Beijing Region but not the Ningxia Region:

- `UNAUTHENTICATED_COGNITO_ROLE_OVERLY_PERMISSIVE_CHECK`
- `AUTHENTICATED_COGNITO_ROLE_OVERLY_PERMISSIVE_CHECK`

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT Developer Guide
- Amazon IoT API Reference
- Amazon IoT Device Defender Developer Guide
- Amazon IoT Device Defender API Reference
- Amazon IoT Device Management Developer Guide
- Amazon IoT Device Management API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT Analytics

Amazon IoT Analytics is a managed service that provides advanced data analysis for IoT devices. Amazon IoT Analytics lets you collect, process, and store IoT data in a time-series data store. You can then analyze the data by running queries.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon IoT Analytics is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT Analytics is unique in the following ways:

- Amazon QuickSight is not supported in the Beijing Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT Analytics User Guide
- Amazon IoT Analytics API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.

  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT Events

Amazon IoT Events is a managed service that lets you monitor your equipment or device fleets for failures or changes in operation, and trigger actions when such events occur.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon IoT Events is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT Events is unique in the following ways:

- No differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT Events Developer Guide
- Amazon IoT Events API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT Greengrass

Amazon IoT Greengrass seamlessly extends Amazon onto physical devices so they can act locally on the data they generate, while still using the cloud for management, analytics, and durable storage. Amazon IoT Greengrass ensures your devices can respond quickly to local events and operate with intermittent connectivity. Amazon IoT Greengrass minimizes the cost of transmitting data to the cloud by enabling you to author custom software and Amazon Lambda functions that run on local devices.

Topics

- Region Availability
- General Information About Amazon Web Services in China
- Amazon IoT Greengrass Version 1
- Amazon IoT Greengrass Version 2

Region Availability

Amazon IoT Greengrass is available in the following regions in China:

- Beijing Region

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT Greengrass Version 1

Amazon IoT Greengrass seamlessly extends Amazon onto physical devices so they can act locally on the data they generate, while still using the cloud for management, analytics, and durable storage. Amazon IoT Greengrass ensures your devices can respond quickly to local events and operate with intermittent connectivity. Amazon IoT Greengrass minimizes the cost of transmitting data to the cloud by enabling you to author custom software and Amazon Lambda functions that run on local devices.

Region Availability

Amazon IoT Greengrass V1 is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT Greengrass is unique in the following ways:

- Currently, Amazon IoT Greengrass V1 is available in the Beijing Region only.
- Amazon IoT Greengrass Core software v1.9.2 is the minimum supported version in the Beijing Region.
- The following minimum versions of the Amazon IoT Greengrass Core SDK are supported:

Language or platform	Minimum version
Python 3.7	1.4.0
Java 8	1.3.1
Node.js 8.10	1.4.0
C, C++	1.1.0

- The Beijing Region only supports Amazon Trust Services (ATS) server authentication, so you must use ATS-signed root CA certificates and ATS endpoints. For more information, see Server Authentication in the Amazon IoT guide.
  - Amazon Trust Services (ATS) endpoints in the China region are different from other global endpoints. For example, the Amazon IoT Greengrass V1 ATS endpoint in the Beijing Region is `greengrass.ats.iot.cn-north-1.amazonaws.com.cn`. For more information, see China (Beijing) Region Endpoints in the Amazon Web Services General Reference.
- The default maximum number of transactions per second (TPS) on the Amazon IoT Greengrass V1 API is 10. For more information, see Amazon IoT Greengrass Limits in the Amazon Web Services General Reference.
- Currently, only the following connectors are supported in the Beijing Region:
  - Modbus-RTU Protocol Adapter connector, v2
  - Raspberry Pi GPIO connector, v2
  - Serial Stream connector, v2
  - Docker application deployment connector, v4, v5, v6, and v7. Connector versions earlier than v7 don't support using secrets to access Docker images from private container registries or from Amazon Web Services Marketplace.
- Currently, Amazon IoT Device Tester for Amazon IoT Greengrass V1 is not supported in the Beijing Region.
- Currently, VPC endpoints (Amazon PrivateLink) for Amazon IoT Greengrass V1 are not supported in the Beijing Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT Greengrass Version 1 Developer Guide
- Amazon IoT Greengrass Version 1 API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT Greengrass Version 2

Amazon IoT Greengrass seamlessly extends Amazon onto physical devices so they can act locally on the data they generate, while still using the cloud for management, analytics, and durable storage. Amazon IoT Greengrass ensures your devices can respond quickly to local events and operate with intermittent connectivity. Amazon IoT Greengrass minimizes the cost of transmitting data to the cloud by enabling you to author custom software and Amazon Lambda functions that run on local devices.

Region Availability

Amazon IoT Greengrass V2 is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT Greengrass V2 is unique in the following ways:

- Currently, Amazon IoT Greengrass V2 is available in the Beijing Region only.

- Amazon IoT Greengrass nucleus v2.0.5 is the minimum supported version in the Beijing Region.
- Secret manager v2.0.5 is the minimum supported version in the Beijing Region.
- The Beijing Region only supports Amazon Trust Services (ATS) server authentication, so you must use ATS-signed root CA certificates and ATS endpoints. For more information, see Server Authentication in the Amazon IoT guide.
  - Amazon Trust Services (ATS) endpoints in the China region are different from other global endpoints. For example, the Amazon IoT Greengrass V2 ATS endpoint in the Beijing Region is `greengrass.ats.iot.cn-north-1.amazonaws.com.cn`. For more information, see China (Beijing) Region Endpoints in the Amazon Web Services General Reference.
- Currently, Amazon IoT Device Tester for Amazon IoT Greengrass V2 is not supported in the Beijing Region.
- Currently, VPC endpoints (Amazon PrivateLink) for Amazon IoT Greengrass V2 are not supported in the Beijing Region.
- Currently, Amazon Lookout for Vision is not supported in the Beijing Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT Greengrass Version 2 Developer Guide
- Amazon IoT Greengrass Version 2 API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT SiteWise

Easily collect, organize, and analyze data from industrial equipment at scale.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon IoT SiteWise is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT SiteWise is unique in the following ways:

- SiteWise Monitor supports IAM roles and users instead of Amazon IAM Identity Center for authentication to portals.
- While the edge processing feature is in preview, this feature isn't available in China (Beijing).

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT SiteWise User Guide
- Amazon IoT SiteWise Application Guide
- Amazon IoT SiteWise API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon IoT TwinMaker

Amazon IoT TwinMaker is an Amazon IoT service that you can use to build operational digital twins of physical and digital systems.

Topics

- Region Availability

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon IoT TwinMaker is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon IoT TwinMaker is unique in the following ways:

- The following features, which appear in the Amazon IoT TwinMaker documentation, are not available in the Beijing Region.
- Bulk Import
- Auto-generate a new role when creating a workspace in the Amazon IoT TwinMaker console.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon IoT TwinMaker User Guide
- Amazon IoT TwinMaker API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier

- The free usage tier is supported in the Ningxia Region.
- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Key Management Service

Amazon Key Management Service (Amazon KMS) makes it easy for you to create and manage keys and control the use of encryption across a wide range of Amazon services and in your applications. Amazon KMS is a secure and resilient service that uses hardware security modules to protect your keys. Amazon KMS is integrated with Amazon CloudTrail to provide you with logs of all key usage to help meet your regulatory and compliance needs.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Key Management Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Key Management Service is unique in the following ways:

- The hardware security modules (HSMs) that Amazon KMS uses to protect KMS keys in the China Regions comply with all pertinent Chinese regulations. Amazon KMS uses OSCCA certified HSMs to protect KMS keys in China Regions. However, KMS HSMs in China Regions have not been validated under the FIPS 140-2 Cryptographic Module Validation Program.
- The feature that allows you to import key material into an Amazon KMS key only supports importing symmetric key material in the China Regions. The key material must be a 128-bit symmetric encryption key. Importing asymmetric and HMAC keys is not supported in the China Regions.
- The Custom Key Stores feature is not available in the China Regions.

  The following custom key store management APIs are not supported:

  - ConnectCustomKeyStore
  - CreateCustomKeyStore
  - DeleteCustomKeyStore
  - DescribeCustomKeyStores
  - DisconnectCustomKeyStore
  - UpdateCustomKeyStore

  If you attempt to use these APIs, you will get an *UnknownOperationException* exception.
- Amazon services that integrate with Amazon KMS in other Amazon Regions might not be integrated in the China Regions, even if those services are available in the China Regions. To find a list of services that integrate with Amazon KMS in the China Regions, see Amazon Service Integration.
- The Amazon KMS Cryptographic Details documentation that is discussed in the Amazon Key Management Service Developer Guide does not describe the implementation of Amazon KMS in the China Regions.
- The Hybrid Post-Quantum TLS feature, which enables you to use hybrid post-quantum TLS key exchange algorithms for your requests to Amazon KMS, is not available in the China Regions.
- Amazon KMS supports Transport Layer Security (TLS) 1.0—1.3 for endpoints in China Regions.

- Multi-Region keys are not available in the China Regions. You cannot create multi-Region primary keys or multi-Region replica keys in the aws-cn partition. As a result, the following APIs are not supported:
  - ReplicateKey
  - UpdatePrimaryRegion

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Key Management Service Developer Guide
- Amazon Key Management Service API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Keyspaces (for Apache Cassandra)

Amazon Keyspaces (for Apache Cassandra) is a scalable, highly available, and managed Apache Cassandra–compatible database service.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Keyspaces (for Apache Cassandra) is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Keyspaces is unique in the following ways:

- Service-specific credentials for Amazon Keyspaces are associated with a specific Amazon Identity and Access Management (IAM) user. To access Amazon Keyspaces in the Beijing and Ningxia Regions, you must use service-specific credentials for IAM users in these Regions. You cannot use service specific credentials for IAM users created for other Amazon Regions.
- Amazon Keyspaces Multi-Region Replication is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some

features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Keyspaces Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Kinesis Streams

Kinesis is a platform for streaming data on Amazon, offering managed services to make it easy to load and analyze streaming data, and also providing the ability for you to build custom streaming data applications for specialized needs.

Amazon Kinesis Streams is a managed service that scales elastically for real-time processing of streaming data at a massive scale. The service collects large streams of data records that can then be consumed in real time by multiple data-processing applications that can be run on EC2 instances.

> **Note**
>
> Amazon Kinesis Analytics is not available in the China Regions.

Topics

- Region Availability
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Kinesis is available in the following regions in China:

- Beijing Region
- Ningxia Region

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Kinesis Data Streams Developer Guide
- Amazon Kinesis Data Streams API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Managed Service for Apache Flink

Process and analyze streaming data using SQL or Java.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Managed Service for Apache Flink is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Managed Service for Apache Flink is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Developer Guide for SQL Applications

- Developer Guide for Java Applications
- API Reference
- SQL Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Kinesis Video Streams

Amazon Kinesis Video Streams is a fully managed Amazon service that you can use to stream live video from devices to the Amazon Cloud, or build applications for real-time video processing or batch-oriented video analytics.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Kinesis Video Streams is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Kinesis Video Streams is unique in the following ways:

- The WebRTC Ingestion feature from the Kinesis Video Streams with WebRTC Developer Guide will not be available in BJS.
- The WebRTC Ingestion API features from the Kinesis Video Streams Developer Guide will not be available in BJS.
- The Edge SDK features (getting started guide and APIs) from the Kinesis Video Streams Developer Guide will not be available in BJS.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Kinesis Video Streams Developer Guide
- Kinesis Video Streams with WebRTC Developer Guide
- Kinesis Video Streams API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Data Firehose

Amazon Data Firehose is part of the Kinesis streaming data platform. With Firehose, you don't need to write applications or manage resources. You configure your data procedures to send data to Firehose, and it automatically delivers the data to the destination that you specified. You can also configure Firehose to tranform your data before delivering it.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Data Firehose is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Firehose is unique in the following ways:

- There are no implementation differences or differences in feature availability for Firehose between global and China Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Data Firehose Developer Guide
- Amazon Data Firehose API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Lake Formation

Amazon Lake Formation is a managed service that makes it easy to set up, secure, and manage your data lakes. Lake Formation helps you discover your data sources and catalog, cleanse, and transform the data. You can use Lake Formation to secure and ingest the data in an Amazon Simple Storage Service (Amazon S3) data lake.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Lake Formation is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Lake Formation is unique in the following ways:

- Granting Lake Formation permissions across accounts is not supported. Using Amazon analytics services such as Amazon Athena in one account to access data that is secured by Lake Formation permissions on Data Catalog tables in another account is not supported.
- Amazon QuickSight integration with Lake Formation is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Lake Formation Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Lambda

Amazon Lambda is a compute service that lets you run code without provisioning or managing servers. Amazon Lambda executes your code only when needed and scales automatically, from a few requests per day to thousands per second. You pay only for the compute time you consume—there is no charge when your code is not running. With Amazon Lambda, you can run code for virtually any type of application or backend service—all with zero administration. Amazon Lambda runs your code on a high-availability compute infrastructure and performs all of the administration of the compute resources, including server and operating system maintenance, capacity provisioning and automatic scaling, code monitoring and logging. All you need to do is supply your code in one of the languages that Amazon Lambda supports (currently Node.js, Java, C#, Go and Python).

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Lambda is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Lambda is unique in the following ways:

- Amazon X-Ray integration with Lambda functions is not available in the China Regions.
- Amazon Lambda Function URLs is not available in the China Regions.
- Lambda SnapStart is not available in the China Regions.
- Runtime management configuration is not available in the China Regions.
- The asynchronous invocation metrics, `AsyncEventsReceived`, `AsyncEventAge`, and `AsyncEventsDropped` are not available in the China Regions.
- Outbound IPv6 traffic is not supported in the China Regions.
- The Amazon Linux 2023 `provided.al2023` runtime is not available in the China Regions.
- The Node.js 20 runtime (`nodejs20.x`) is not available in the China Regions.
- The Java 21 runtime (`java21`) is not available in the China Regions.
- Multi-VPC connectivity for Amazon MSK event source mappings is not available in the China Regions.
- The Python 3.12 runtime (`python3.12`) is not available in the China Regions.
- The Future runtime launch dates are not applicable in the China Regions.
- Lambda Advanced Logging Controls are not available in the China Regions.
- The .NET 8 (`dotnet8`) runtime is not available in the China Regions.
- The Ruby 3.3 (`ruby3.3`) runtime is not available in the China Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Lambda Developer Guide and API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)

  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon License Manager

Amazon License Manager makes it easier to manage licenses in Amazon and on-premises servers from software vendors such as Microsoft, SAP, Oracle, and IBM. Amazon License Manager lets administrators create customized licensing rules that emulate the terms of their licensing agreements, and then enforces these rules when an instance of EC2 gets launched. Administrators can use these rules to limit licensing violations, such as using more licenses than an agreement stipulates or reassigning licenses to different servers on a short-term basis. The rules in Amazon License Manager enable you to limit a licensing breach by stopping the instance from launching or by notifying administrators about the infringement. Administrators gain control and visibility of all their licenses with the Amazon License Manager dashboard and reduce the risk of non-compliance, misreporting, and additional costs due to licensing overages.

Topics

- Region Availability
- Feature Availability and Implementation Differences

- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon License Manager is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon License Manager is unique in the following ways:

- Software vendors can issue licenses for only Amazon. Token generation for license consumption outside of Amazon is not supported.
- License sharing using Resource share is not available.
- The user-based subscriptions feature is not available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon License Manager User Guide
- Amazon License Manager API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Launch Wizard

Amazon Launch Wizard helps you reduce the time that it takes to deploy application and domain-controller solutions to the cloud. You provide your application or domain controller requirements, and Amazon Launch Wizard identifies the right Amazon resources to deploy and run your solution. Amazon Launch Wizard provisions and configures the selected resources in a few hours to create fully-functioning, production-ready applications or domain controllers. It also creates custom Amazon CloudFormation templates, which you can reuse and customize for subsequent deployments.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Launch Wizard is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Launch Wizard is unique in the following ways:

- The Cost Estimator feature is not available in the Beijing and Ningxia Regions.
- The following workloads are not available in the Beijing and Ningxia Regions:
  - Amazon Launch Wizard for Active Directory
  - Amazon Launch Wizard for Elastic Kubernetes Service
  - Amazon Launch Wizard for Exchange Server
  - Amazon Launch Wizard for Internet Information Services
  - Amazon Launch Wizard for Remote Desktop Gateway

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.

- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Web Services Management Console

The Amazon Web Services Management Console provides access and management of Amazon Web Services through a simple and intuitive web-based user interface. You can manage all aspects of your Amazon Web Services in China account, including monitoring your monthly spending by service, managing security credentials, and setting up new IAM users. The console also provides tools that can help you locate and navigate to services of interest. You can select services from the *Recently visited services* section, expand the *All services* section, and search for services by name or keyword.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Web Services Management Console is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Web Services Management Console is unique in the following ways:

- Resource Groups are unsupported in Beijing and Ningxia Regions.
- The Tag Editor is unsupported in Beijing and Ningxia Regions.
- The console is unavailable as a mobile app in Beijing and Ningxia Regions.

- Unified Search only supports service and feature searches in Beijing and Ningxia Regions .
- myApplications is unavailable in Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Web Services Management Console Getting Started Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Managed Streaming for Apache Kafka

Amazon Managed Streaming for Apache Kafka (Amazon MSK) is a fully managed service that makes it easy for you to build and run applications that use Apache Kafka to process streaming data.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Managed Streaming for Apache Kafka is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon MSK is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Managed Streaming for Apache Kafka Developer Guide
- Amazon Managed Streaming for Apache Kafka API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Web Services Marketplace

Amazon Web Services Marketplace is a curated digital catalog that makes it easy for customers to find, buy, deploy, and manage third-party software and services that customers need to build solutions and run their businesses. Amazon Web Services Marketplace also simplifies software licensing and procurement with flexible pricing options and multiple deployment methods.

Amazon Web Services Marketplace China is a standalone online store operated by Ningxia Western Cloud Data Technology Co., Ltd. (NWCD). It covers catalog entries subscribed to for both the China (Beijing) Region and China (Ningxia) Region.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Web Services Marketplace is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Web Services Marketplace is unique in the following ways:

As a seller:

- You must be a business entity registered in mainland China and have a valid Amazon Web Services China account.
- You must be an Amazon Web Services China customer in good standing and meet the requirements in the terms and conditions for Amazon Web Services Marketplace China sellers.
- You must follow best practices and guidelines when marketing your product in Amazon Web Services Marketplace China.
- Contact us if you are interested in selling in Amazon Web Services Marketplace China.

As a buyer:

- You must have an Amazon Web Services China account to use Amazon Web Services Marketplace China.
- You can browse the software through Amazon Web Services Marketplace China website. After logging in to your Amazon Web Services China account, you can also find the product listings on the Amazon Web Services Marketplace tab of the launch instance page in the Amazon EC2 console.
- You can review and cancel your software subscription.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

Related Guides

- Amazon Web Services Marketplace China Seller Guide

- Amazon Web Services Marketplace China FAQ page

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)

  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon MemoryDB for Redis

Amazon MemoryDB for Redis (MemoryDB) is a fully managed, Redis-compatible, in-memory database that delivers ultra-fast performance and Multi-AZ durability for modern applications built using microservices architectures.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

MemoryDB is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of MemoryDB is unique in the following ways.

The following actions/provider types are not supported:

- PrivateLink feature is not available in these Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Developer Guide
- API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon MQ

Amazon MQ is a managed message broker service that makes it easy to set up and operate message brokers in the cloud. Amazon MQ provides interoperability with your existing applications and services. Amazon MQ works with your existing applications and services without the need to manage, operate, or maintain your own messaging system.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon MQ is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon MQ is unique in the following ways:

- No differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some

features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon MQ Developer Guide
- Amazon MQ REST API Reference
- Migration Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Managed Workflows for Apache Airflow

Amazon Managed Workflows for Apache Airflow is a managed orchestration service for Apache Airflow that you can use to setup and operate data pipelines in the cloud at scale. is an open-source tool used to programmatically author, schedule, and monitor sequences of processes and tasks referred to as *workflows*. With Amazon MWAA, you can use Apache Airflow and Python to create workflows without having to manage the underlying infrastructure for scalability, availability, and security. Amazon MWAA automatically scales its workflow execution capacity to meet your needs, Amazon MWAA integrates with Amazon security services to help provide you with fast and secure access to your data.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Managed Workflows for Apache Airflow is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon MWAA is unique in the following way:

- There is no difference between the Amazon MWAA implementation in China and other Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon MWAA User Guide
- Amazon MWAA API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.

- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Neptune

Amazon Neptune is a fast, reliable, fully managed graph database service that makes it easy to build and run applications that work with highly connected datasets. The core of Neptune is a purpose-built, high-performance graph database engine that is optimized for storing billions of relationships and querying the graph with milliseconds latency. Neptune supports the popular graph query languages Apache TinkerPop Gremlin and W3C's SPARQL, allowing you to build queries that efficiently navigate highly connected datasets. Neptune powers graph use cases such as recommendation engines, fraud detection, knowledge graphs, drug discovery, and network security.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Neptune is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Neptune is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Neptune User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Network Firewall

Amazon Network Firewall is a stateful, managed, network firewall and intrusion detection and prevention service for your virtual private cloud (VPC).

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Network Firewall is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Network Firewall is unique in the following ways:

- No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Network Firewall Developer Guide
- Amazon Network Firewall API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

NICE DCV

NICE DCV is a remote visualization technology that enables users to securely connect to graphic-intensive 3D applications hosted on a remote, high-performance server. With NICE DCV, you can make a server's high-performance graphics processing capabilities available to multiple remote users by creating secure client sessions.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

NICE DCV is available in the following regions in China:

- Beijing Region

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of NICE DCV is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- NICE DCV Administrator Guide
- NICE DCV User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon OpenSearch Service

Amazon OpenSearch Service (the successor to Amazon Elasticsearch Service) is a managed service that makes it easy to deploy, operate, and scale OpenSearch and legacy Elasticsearch OSS clusters in the Amazon Web Services Cloud. OpenSearch is a popular open-source search and analytics engine for use cases such as log analytics, real-time application monitoring, and clickstream analytics.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon OpenSearch Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of OpenSearch Service is unique in the following ways:

- Only some OpenSearch Service instance types are available.
- Amazon Cognito authentication for OpenSearch Dashboards is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some

features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon OpenSearch Service Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Organizations

Amazon Organizations is an account management service that lets you consolidate multiple Amazon Web Services accounts into an organization that you create and centrally manage. With Amazon Organizations, you can create member accounts and invite existing accounts to join your organization. You can organize those accounts into groups and attach policy-based controls.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Organizations is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Organizations is unique in the following ways:

The following features are not supported in the Beijing and Ningxia Regions:

- Management policies – You can't use the following management policy types in an organization in the Beijing and Ningxia Regions:
  - Artificial Intelligence (AI) services opt-out policies
  - Backup policies

The following features are limited in the Beijing and Ningxia Regions:

- Organizations tag policies – when creating a tag report with the `StartReportCreation` operation, you must call that operation from the China (Ningxia) Region (`cn-northwest-1`).

To learn what Amazon services are currently available for use with Amazon Organizations, check the list in the Amazon Organizations console for your region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Organizations User Guide
- Amazon Organizations API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon ParallelCluster

Amazon ParallelCluster is an Amazon supported open source cluster management tool that helps you to deploy and manage high performance computing (HPC) clusters in the Amazon Web Services Cloud.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon ParallelCluster is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon ParallelCluster is unique in the following ways:

- Elastic Fabric Adapter (EFA) is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon ParallelCluster User Guide (v3)
- Amazon ParallelCluster User Guide (v2)

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Personalize

Amazon Personalize is a machine learning service that makes it easy for developers to add individualized recommendations to customers who use their applications. It reflects the vast experience that Amazon has in building personalization systems.

You can use Amazon Personalize in a variety of scenarios, such as giving users recommendations based on their preferences and behavior, personalized re-ranking of results, and personalizing content for emails and notifications.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Personalize is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Personalize is unique in the following ways:

- The Next-Best-Action recipe is not available.
- Generating themes for similar items with a batch inference job is not available.
- Including item metadata with recommendations is not available.
- Importing data with Amazon SageMaker Data Wrangler (Data Wrangler) is not available.
- Currently, only the China (Beijing) Amazon Region is supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Personalize Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Pricing Calculator

Amazon Pricing Calculator is a web service that you can use to create cost estimates that match your Amazon Web Services use case. Amazon Pricing Calculator is useful both for people who have never used Amazon Web Services and for those who want to reorganize or expand their usage.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Pricing Calculator is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Pricing Calculator is unique in the following ways:

- Save and Share feature is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Pricing Calculator User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Polly

Amazon Polly is a cloud service that converts text into lifelike speech. You can use Amazon Polly to develop applications that increase engagement and accessibility. Amazon Polly supports multiple languages and includes a variety of lifelike voices, so you can build speech-enabled applications that work in multiple locations and use the ideal voice for your customers.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Polly is available in the following regions in China:

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Polly is unique in the following ways:

- Currently, only the China (Ningxia) Amazon Region is supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Polly Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon QuickSight

Amazon QuickSight is a fast business analytics service to build visualizations, perform ad hoc analysis, and quickly get business insights from your data. Amazon QuickSight seamlessly discovers Amazon data sources, enables organizations to scale to hundreds of thousands of users, and delivers fast and responsive query performance by using the Amazon QuickSight Super-fast, Parallel, In-Memory, Calculation Engine (SPICE).

Topics

- Region Availability

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon QuickSight is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of QuickSight is unique in the following ways:

- QuickSight Standard Edition accounts are not supported in Beijing Region. Only QuickSight Enterprise edition is available.
- IAM-federated identities and QuickSight managed users are not available for new QuickSight account subscriptions. The following identity methods are available in Beijing Region:
  - IAM Identity Center
  - Active Directory
- Amazon QuickSight Q is not supported in Beijing Region.
- The Amazon QuickSight mobile app is not supported in Beijing Region.
- Geospatial maps are not supported for analyses in Beijing Region.
- The following data source types are not available in Beijing Region:
  - Amazon IoT
  - Amazon Timestream
  - Adobe Analytics
  - GitHub
  - Jira
  - Salesforce
  - ServiceNow
- Namespaces to support multitenancy and isolation within the same QuickSight account are not supported in Beijing Region. Only the default namespace is supported.

- Granting access to a dashboard to anyone on the internet (globally or domestic) is not supported in Beijing Region.
- Service built-in tutorial videos are not available in Beijing Region.
- Custom email report templates are not supported in Beijing Region.
- New users can't be added to a QuickSight account through the Admin console. To add a new user to a QuickSight account, use the Amazon QuickSight API.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon QuickSight User Guide
- Amazon QuickSight API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Redshift

Amazon Redshift is an enterprise-level, petabyte-scale, fully managed, data warehousing service.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Redshift and Amazon Redshift Spectrum are available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Redshift is unique in the following ways:

- You can launch an Amazon Redshift cluster only in an EC2-VPC platform. EC2-Classic is not supported.
- Database encryption is supported only when using a default encryption key assigned by Amazon Redshift or when using Amazon Key Management Service (Amazon KMS). Amazon CloudHSM is not supported.
- Cross-region features, such as snapshot copying across regions and COPY from another region, are currently supported only between the Beijing and Ningxia Regions.
- The following node types are available:
  - ds2.xlarge
  - ds2.8xlarge
  - dc2.large
  - dc2.8xlarge

- The Amazon Redshift Getting Started Guide guide and some tutorials in the Amazon Redshift Database Developer Guide use sample data hosted on Amazon S3 buckets that are not accessible in the Beijing and Ningxia Regions.
- Amazon Redshift Serverless is now generally available in China (Beijing) Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Redshift Getting Started Guide
- Amazon Redshift Management Guide
- Amazon Redshift Database Developer Guide
- Using Amazon Redshift Spectrum
- Amazon Redshift API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Relational Database Service

Amazon Relational Database Service (Amazon RDS) is a web service that makes it easy to set up, operate, and scale a relational database in the cloud. It provides cost-efficient and resizable capacity while managing time-consuming database administration tasks, freeing you up to focus on your applications and business.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Relational Database Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon RDS is unique in the following ways:

- Cross-region features, such as DB snapshot copying across regions and read replication across multiple regions, are currently not supported between the Beijing Region and other non-China Regions.
- Backup and maintenance windows:
  - If you don't specify a preferred backup window when you create the DB instance, Amazon RDS assigns a default 30-minute backup window which is selected at random from between 06:00 and 14:00 UTC.

  - If you don't specify a preferred maintenance window when you create the DB instance, Amazon RDS assigns a default 30-minute maintenance window on a randomly selected day of the week from between 06:00 and 14:00 UTC.
- For current information on DB Instance classes, see Amazon RDS Pricing.
- You can have up to 20 manual snapshots for your account in the Beijing and Ningxia Regions.
- Since the Ningxia Region uses a unique certificate authority (CA), update your DB instances for the Ningxia Region to use the Region-specific certificate identified by `rds-ca-rsa2048-g1` in DescribeCertificates calls as soon as possible. The remaining instructions described in the Rotating your SSL/TLS certificate topic are the same, except for the certificate identifier.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon RDS User Guide
- Amazon RDS API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Resource Access Manager

Amazon Resource Access Manager (Amazon RAM) helps you securely share your Amazon Web Services within your organization or organizational units (OUs) in Amazon Organizations, and with Amazon Web Services accounts. For supported resource types, you can also share resources with Amazon Identity and Access Management (IAM) roles and IAM users. If you have multiple Amazon Web Services accounts, you can create a resource once and use Amazon RAM to share that resource across accounts.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Resource Access Manager is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon RAM is unique in the following ways:

- **Resources that are not supported for sharing** – Unless otherwise noted, Amazon RAM does not support resource sharing for the following services in the Beijing and Ningxia Regions:
  - Amazon App Mesh
  - Amazon Aurora

- Amazon Private Certificate Authority
- Amazon License Manager
- Amazon Network Firewall
- Amazon Outposts
- Amazon Resource Groups
- Amazon Route 53

  The following resource type is not supported for sharing in the Beijing and Ningxia Regions: Route 53 resolver firewall groups.
- Amazon Systems Manager Incident Manager
- Amazon VPC

  The following resource type is not supported for sharing in the Beijing and Ningxia Regions: prefix lists.
- **Resources that are supported for sharing with limitations** – Unless otherwise noted, in the Beijing and Ningxia Regions, Amazon RAM does not support resource sharing for the following services within Amazon Organizations. However, you can still share resources with individual Amazon Web Services accounts. For supported resource types, you can also share resources with IAM roles or IAM users who are outside your organization. In this case, these principals are treated as external principals. They receive an invitation to join the resource share, and they must accept the invitation to gain access to the shared resources.
  - Amazon CodeBuild
  - EC2 Image Builder
  - Amazon Glue
  - Amazon Route 53: Resolver query logging configurations.
  - Amazon SageMaker

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon RAM User Guide

  Amazon RAM API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Resource Groups

Amazon Resource Groups lets you organize Amazon resources into groups, tag resources using virtually any criteria, and manage, monitor, and automate tasks on grouped resources.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Resource Groups is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Resource Groups is unique in the following ways:

- Group lifecycle events are not supported.
- Capacity Reservations are supported, but no other Service-linked resource groups are supported at this time. This means that you can attach only the Capacity Reservation service configuration to a resource group.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Resource Groups & Tag Editor User Guide
- Amazon Resource Groups API Reference
- Amazon Tagging API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Route 53

Amazon Route 53 is a highly available and scalable Domain Name System (DNS) web service.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Route 53 is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Route 53 is unique in the following ways:

- You can't use Route 53 to register domains. However, you can create a hosted zone in one of the China Regions, and associate the name servers for that hosted zone with a domain that you registered using a global account or that you registered with another domain registrar.
- The `TestDNSAnswer` API is not available.
- Traffic flow is not available.
- Public DNS query logs are not available.

- DNS query metrics for public hosted zones are not available.
- You can't create alias records that route traffic to Amazon resources outside the China Regions.
- You can't create records that use the geoproximity routing policy. That routing policy is available only for traffic flow.
- When creating alias records programmatically and routing traffic to an Amazon CloudFront distribution, use the following hosted zone ID: `Z3RFFRIM2A3IF5`.
- You can add an alias record to an Amazon Elastic Beanstalk environment in Ningxia Region only by using the `ChangeResourceRecordSets` API, but not on the console. When you programmatically create an alias record to an Amazon Elastic Beanstalk, use the following hosted zone ID: `ZB5H67MZE5736`.
- Recursive DNS resolvers can only use use IPv4 transport to submit DNS queries to Amazon Route 53.
- Route 53 DNSSEC signing is not supported in China.
- Route 53 Resolver DNS Firewall is supported in China with the following differences:
  - Amazon Firewall Manager support is not included.
  - You can use Amazon Resource Access Manager to share DNS Firewall rule groups with Amazon Web Services accounts, but not with organizational units (OUs) in Amazon Organizations.
  - Managed domain lists are not included.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Route 53 Developer Guide
- Amazon Route 53 API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier

- The free usage tier is supported in the Ningxia Region.
- The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Route 53 Application Recovery Controller

Amazon Route 53 Application Recovery Controller (Route 53 ARC) provides three distinct capabilities: *readiness checks*, *routing controls*, and *zonal shifts*. With Route 53 ARC, you can gain insights into whether your applications and resources are prepared for recovery, and quickly mitigate impairments for a multi-Availability Zone or multi-Region application. Route 53 ARC helps you prepare for and accomplish faster recovery operations for applications running on Amazon.

Zonal shift in Route 53 ARC is available in the Beijing and Ningxia Regions. Zonal shift helps you manage and coordinate recovery for Amazon applications by shifting load balancer traffic away when there's an issue in an Availability Zone (AZ). Temporarily moving traffic for a resource away from an AZ helps your application recover quickly, minimizing impact for your customers.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Route 53 Application Recovery Controller is available in the following Regions in China:

- China (Beijing) Region
- China (Ningxia) Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Route 53 Application Recovery Controller is unique in the following way:

- The routing control, readiness check, and zonal autoshift capabilities of the Route 53 ARC service are not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Route 53 Application Recovery Controller Developer Guide
- Zonal Shift API Reference Guide for Amazon Route 53 Application Recovery Controller

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon SageMaker

Amazon SageMaker is a fully managed machine learning service. With SageMaker, data scientists and developers can quickly build and train machine learning models and then deploy them into a production-ready hosted environment.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon SageMaker is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon SageMaker is unique in the following ways:

The following SageMaker features are not supported in the Beijing and Ningxia Regions:

- Amazon Augmented AI (Amazon A2I)
- Amazon SageMaker Canvas
- Amazon SageMaker Edge Manager
- Amazon SageMaker Elastic Inference
- Amazon SageMaker geospatial capabilities
- Amazon SageMaker Ground Truth

- Amazon SageMaker Ground Truth Plus
- Amazon SageMaker Inference Recommender
- Amazon SageMaker model registry and projects
- Reinforcement learning
- Amazon SageMaker Serverless Inference
- Amazon SageMaker Studio Lab
- Amazon SageMaker Training Compiler

The following SageMaker features are limited in the Beijing and Ningxia Regions:

- Amazon SageMaker Domain: On-boarding with Amazon SageMaker Domain is limited to Amazon Identity and Access Management (IAM).
- Amazon SageMaker Autopilot: Configuring the default parameters of a SageMaker Autopilot experiment (for administrators) is not supported.
- Amazon SageMaker JumpStart is only supported in Beijing Region.
- The following features are not available for Amazon SageMaker Inference.
  - Multi-model endpoints on GPU instances
  - Graviton-based, Inferentia-based, p4d, and g5 instance types
  - Increased shared memory size to almost half of instance memory
  - Deployment guardrails
  - `EndpointConfig` parameters `ContainerStartupHealthCheckTimeoutInSeconds`, `ModelDataDownloadTimeoutInSeconds`, and `VolumeSizeInGB`
- Amazon Web Services Marketplace China: You can't create and list your SageMaker artifacts in Amazon Web Services Marketplace China.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon SageMaker Developer Guide
- Amazon SageMaker API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

SAP HANA on Amazon

The SAP HANA on Amazon technical documentation provides information for SAP HANA on Amazon users and partners, including information about planning, migrating, implementing, configuring, and operating your SAP HANA environment on the Amazon Web Services Cloud.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

SAP HANA on Amazonis available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of SAP HANA on Amazon is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- SAP HANA on Amazon Guides

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon SDK for SAP ABAP

Amazon SDK for SAP ABAP provides an interface to the services offered by Amazon in the ABAP language. Using the SDK, you can implement ABAP BADIs, reports, transactions, OData services, and other ABAP artifacts on Amazon services, such as Amazon Simple Storage Service (Amazon S3), Amazon DynamoDB, Amazon Translate, and more. You can also develop for ABAP-based systems, starting from SAP NetWeaver 7.4.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon SDK for SAP ABAP is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon SDK for SAP ABAP is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon SDK for SAP ABAP User Guide
- Amazon SDK for SAP ABAP API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Savings Plans

Savings Plans offer a flexible pricing model that provides savings on Amazon usage. You can save on your Amazon compute workloads in exchange for a commitment of using a specified amount of compute power (measured per hour) for a one or three year period.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Savings Plans are available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Savings Plans is unique in the following ways:

- Savings Plans in China have two separate endpoints:
  - Beijing Region: savingsplans.cn-north-1.amazonaws.com.cn
  - Ningxia Region: savingsplans.cn-northwest-1.amazonaws.com.cn
- Compute Savings Plans apply to eligible usage within the boundary of each specific Region.
- SageMaker Savings Plans are not supported.
- Savings Plans commitments are made in CNY/hr.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Savings Plans User Guide
- Savings Plans API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Secrets Manager

Amazon Secrets Manager helps you to securely encrypt, store, and retrieve credentials for your databases and other services. Instead of hardcoding credentials in your apps, you can make calls to Secrets Manager to retrieve your credentials whenever needed. Secrets Manager helps you protect access to your IT resources and data by enabling you to rotate and manage access to your secrets.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Secrets Manager is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Secrets Manager is unique in the following ways:

- Because Amazon DocumentDB is unavailable in the China (Beijing) Region, Amazon Secrets Manager does not support Amazon DocumentDB features in the Beijing Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Secrets Manager User Guide
- Amazon Secrets Manager API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Security Hub

Amazon Security Hub provides you with a comprehensive view of the security state of your Amazon resources. Security Hub collects security data from across Amazon Web Services accounts and services, and helps you analyze your security trends to identify and prioritize the security issues across your Amazon Web Services environment.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Security Hub is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Security Hub is unique in the following ways:

- **Third-party partner integrations**
  - Not all integrations are supported in the Beijing and Ningxia Regions. For a list of the integrations that are supported, see integrations that are supported in China (Beijing) Region and China (Ningxia) Region in the *Amazon Security Hub Guide*.
- **Standards**
  - All security standards are supported in the Beijing and Ningxia Regions, except Service-Managed Standard: Amazon Control Tower.
- **Controls**
  - Not all security controls are supported in the Beijing and Ningxia Regions. See the following lists in the *Amazon Security Hub Guide*.
    - Controls that are not supported in China (Beijing) Region
    - Controls that are not supported in China (Ningxia)
- **Cross-Region aggregation**
  - Cross-Region aggregation is supported with limitations in the Beijing and Ningxia Regions. In these Regions, cross-Region aggregation is supported only for findings, finding updates, and insights across China. Specifically, you can only aggregate findings, finding updates, and insights between Beijing and Ningxia.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Security Hub User Guide
- Amazon Security Hub API Reference
- Amazon Security HubPartner Integration Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Server Migration Service

Amazon Server Migration Service automates the migration of your on-premises VMware vSphere or Microsoft Hyper-V/SCVMM virtual machines to the Amazon Web Services Cloud. Amazon SMS incrementally replicates your server VMs as cloud-hosted Amazon Machine Images (AMIs) ready for deployment on Amazon EC2. Working with AMIs, you can easily test and update your cloud-based images before deploying them in production.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Server Migration Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

- The Amazon Elastic Compute Cloud regional differences apply to Amazon SMS.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon SMS User Guide
- Amazon SMS API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Serverless Application Model

The Amazon Serverless Application Model (Amazon SAM) is an open-source framework that enables you to build serverless applications on Amazon. It provides you with a template specification to define your serverless application, and a command line interface (CLI) tool.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

The Amazon Serverless Application Model is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon SAM is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Serverless Application Model Developer Guide
- Template Specification

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.

- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Serverless Application Repository

The Amazon Serverless Application Repository is a managed repository for serverless applications. It enables teams, organizations, and individual developers to find, deploy, publish, share, store, and easily assemble serverless architectures.

Topics

- Region Availability

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Serverless Application Repository is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Serverless Application Repository is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Service Catalog

Service Catalog enables IT administrators to create, manage, and distribute portfolios of approved products to end users, who can then access the products they need in a personalized portal. Typical products include servers, databases, websites, or applications that are deployed using Amazon Web Services resources (for example, an Amazon EC2 instance or an Amazon RDS database). You can control which users have access to specific products to enforce compliance with organizational business standards, manage product lifecycles, and help users find and launch products with confidence.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Service Catalog is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Service Catalog is unique in the following ways:

The following features are not supported in the China Regions:

- Amazon Web Services in China supports a subset of Amazon Web Services and a single Availability Zone and Region; you may need to modify Amazon CloudFormation sample templates and template snippets in the Service Catalog Administrator Guide.
- Getting Started Library
- CopyProduct cross-region functionality
- Stack Set constraints cross-region functionality for regions outside of China
- All Service Catalog AppRegistry features and API's:
  - AssociateAttributeGroup
  - AssociateResource
  - CreateApplication
  - CreateAttributeGroup
  - DeleteApplication
  - DeleteAttributeGroup
  - DisassociateAttributeGroup
  - DisassociateResource
  - GetApplication
  - GetAttributeGroup
  - ListApplications
  - ListAssociatedAttributeGroups
  - ListAssociatedResources
  - ListAttributeGroups
  - ListTagsForResource
  - SyncResource
  - TagResource
  - UntagResource
  - UpdateApplication
  - UpdateAttributeGroup

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Service Catalog Administrator Guide
- Service Catalog User Guide
- Service Catalog Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Service Quotas

By using Service Quotas you can centrally view and manage your Amazon service quotas. You can view the Amazon default quota values and your current applied quota values. You can also request

quota increases. Through its integration with Amazon CloudWatch, you can also view your current usage for your quotas and configure alarms to get notified when you approach a quota threshold.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Service Quotas is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Service Quotas is unique in the following ways:

The following features are not supported in the Beijing and Ningxia Regions:

- Quota request templates are not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Service Quotas User Guide
- Service Quotas API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.

  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Simple Notification Service

Amazon Simple Notification Service (Amazon SNS) is a web service that coordinates and manages the delivery or sending of messages to subscribing endpoints or clients.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References

Region Availability

Amazon Simple Notification Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon SNS is unique in the following ways.

- The following Amazon SNS features are not yet available in the Beijing and Ningxia Regions:
  - Mobile push notifications
  - SMS messaging
  - Message Data Protection
- Custom data identifiers are not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Simple Notification Service Developer Guide
- Amazon Simple Notification Service API Reference

Amazon Snow Family

Amazon Snowball is a service for customers who want to transport terabytes or petabytes of data to and from Amazon Web Services in China.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Snowball is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Snowball is unique in the following ways:

- Currently, only the China (Beijing) Region is supported.
- Shipping is handled by S.F. Express. For more information about shipping in China, see Shipping Considerations for Amazon Snowball in the *Amazon Snowball User Guide*.
- Amazon Snowcone is not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Snowball User Guide
- Amazon Snowball API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Simple Storage Service

Amazon S3 is storage for the Internet. It provides a simple web service interface that can be used to store and retrieve any amount of data, at any time, from anywhere on the web. It gives any developer access to the same highly scalable, reliable, secure, fast, inexpensive infrastructure that Amazon uses to run its own global network of web sites. The service aims to maximize benefits of scale and to pass those benefits on to developers.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon S3 is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon S3 is unique in the following ways:

- Creating an Amazon Web Services account

To publish content in the Beijing and Ningxia Regions, you must sign up for an Amazon Web Services in China account, which is specific to the Beijing and Ningxia Regions. This account will not work in other Amazon Regions, and an account that was created in a different Region will not work in the China Regions. For information about signing up for the Beijing Region, see .

- Filing for Internet Content Provider (ICP) recordal:

  If you want to publish content in the China (Beijing) or China (Ningxia) Regions that can be read without authentication, you must obtain an ICP license. For information about filing for ICP recordal, see .

- If you want to deposit reports into an Amazon S3 bucket, in your policy, you must specify 145026535362 (instead of 386209384616) for the account ID. For more information, see Example 8: Deposit Reports into an Amazon S3 Bucket in the *Amazon Billing User Guide*.
- Although the Detailed Billing Report feature is unavailable for many new customers as of July 2019, this feature remains available in the Beijing and Ningxia Regions.
- The following Amazon S3 features are either unavailable in the China Regions or require an ICP license:
  - Amazon S3 objects honor anonymous GET requests only if the object owner's Amazon Web Services in China account is associated with a valid ICP license. As a result, hosting a static website from an Amazon S3 bucket and using pre-signed URLs require an ICP license.
  - Amazon S3 supports both the Signature Version 4 and Signature Version 2; however, only Signature Version 4 is supported in the China Regions. For information about Signature Version 4 authorization headers, see Authenticating Requests (Amazon Signature Version 4).
  - Website hosting:
    - In accordance with Chinese laws and regulations, ports 80/8080/443 are closed by default in the China Regions.
    - You can configure your bucket to host a static website, but it is recommended that your Amazon Web Services in China account is associated with an ICP license. To apply for an ICP license, follow the ICP Recordal steps.
    - In Amazon S3, support for custom domain names relies on Amazon Route 53. Route 53 is available in the China (Ningxia) Region to create and manage DNS records for an existing domain. To configure a custom domain name for a static website hosted in Amazon S3, see Setting up a static website using a custom domain in the *Amazon S3 User Guide*. For a complete list of Amazon S3 website endpoints and Route 53 Hosted Zone IDs, see Amazon S3 website endpoints in the *Amazon General Reference*.

- Presigned URLs work only if the resource owner has an ICP license.

  Your request must provide credentials explicitly. Any other form of request is considered anonymous, including the presigned URL. Anonymous requests are allowed only if the resource owner has an ICP license.

  Because a signing key in Signature Version 4 is valid for only seven days, presigned URLs are also valid for up to seven days.

  Presigned URLs aren't supported in the S3 console.
- S3 Object Lambda Access Points in China (Beijing) (cn-north-1) and China (Ningxia) (cn-northwest-1) don't support authentication with presigned urls. It is advised that you make authenticated calls directly to the S3 Object Lambda Access Point.
- Any copy operation between the China Regions and Amazon Web Services Regions outside of China is not supported.
- Cross-region replication (CRR) is not supported between the China Regions and Amazon Web Services Regions outside of China.
- Amazon S3 Transfer Acceleration is not supported in Beijing and Ningxia Regions.
- Bucket permissions check in the Amazon S3 console is not supported in Beijing and Ningxia Regions.
- Amazon S3 Multi-Region Access Points is not available in the China Regions.
- Amazon S3 Express One Zone is not available in the China Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Simple Storage Service User Guide
- Amazon S3 API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Simple Queue Service

Amazon Simple Queue Service (Amazon SQS) offers a reliable, highly-scalable hosted queue for storing messages as they travel between applications or microservices. It moves data between distributed application components and helps you decouple these components. Amazon SQS provides familiar middleware constructs such as dead-letter queues and poison-pill management. It also provides a generic web services API and can be accessed by any programming language that the Amazon SDK supports. Amazon SQS supports both standard and FIFO queues.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Simple Queue Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon SQS is unique in the following way:

- Server-side encryption (SSE) for Amazon SQS is now available in the Beijing and Ningxia Regions.
- The SQS dead-letter queue redrive feature is not supported for this region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Simple Queue Service Developer Guide
- Amazon Simple Queue Service API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Simple Workflow Service

The Amazon Simple Workflow Service (Amazon SWF) makes it easy to build applications that coordinate work across distributed components. In Amazon SWF, a task represents a logical unit of work that is performed by a component of your application. Coordinating tasks across the application involves managing intertask dependencies, scheduling, and concurrency in accordance with the logical flow of the application. Amazon SWF gives you full control over implementing tasks and coordinating them without worrying about underlying complexities such as tracking their progress and maintaining their state.

Topics

- Region Availability
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Simple Workflow Service is available in the following regions in China:

- Beijing Region
- Ningxia Region

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Simple Workflow Service Developer Guide
- Amazon Simple Workflow Service API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.

- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Step Functions

Amazon Step Functions lets you coordinate the components of distributed applications and microservices using visual workflows. Step Functions provides a reliable way to coordinate components and step through the functions of your application. Step Functions provides a graphical console to visualize the components of your application as a series of steps. It automatically triggers and tracks each step, and retries when there are errors, so your application executes in order and as expected, every time. Step Functions logs the state of each step, so when things do go wrong, you can diagnose and debug problems quickly.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Step Functions is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Step Functions is unique in the following ways:

- Support to call third-party APIs is not available.
- Support to use the TestState API is not available.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Step Functions Developer Guide
- Amazon Step Functions API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.

- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Storage Gateway

Amazon Storage Gateway is a service connecting an on-premises software appliance with cloud-based storage to provide seamless and secure integration between an organization's on-premises IT environment and the Amazon Web Services in China storage infrastructure. The service enables you to securely store data to the Amazon Web Services in China cloud for scalable and cost-effective storage. Amazon Storage Gateway supports industry-standard storage protocols that work with your existing applications. It provides low-latency performance by maintaining frequently accessed data on-premises while securely storing all of your data encrypted in the Amazon Simple Storage Service (Amazon S3).

Topics

- Region Availability
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Storage Gateway is available in the following regions in China:

- Beijing Region
- Ningxia Region

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Storage Gateway User Guide

- Amazon Storage Gateway API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)

  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Web Services Support

Amazon Web Services Support is a one-on-one, fast-response support channel that is staffed (24x7x365) with experienced technical support engineers and customer service professionals. The service helps customers at any level to use Amazon Web Services products and features successfully. For more information, see Amazon Web Services Support Plans.

Amazon Trusted Advisor helps you provision your resources by following best practices. Trusted Advisor inspects your Amazon environment and finds opportunities to save money, improve system performance and reliability, or help close security gaps. For more information, see Meet Amazon Trusted Advisor.

The Amazon Web Services Support API (available to Business and Enterprise-level Support customers) provides automated access to the functions of the Amazon Web Services Support Center.

Topics

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Web Services Support is unique in the following way:

- API access to Amazon Trusted Advisor data via the Amazon Web Services Support API is not supported.
- The Amazon Web Services Support App is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Web Services Support User Guide
- Amazon Web Services Support API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.

- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Systems Manager

Amazon Systems Manager (formerly Amazon EC2 Systems Manager) is a unified interface that allows you to easily centralize operational data and automate tasks across your Amazon resources. Systems Manager shortens the time to detect and resolve operational problems in your infrastructure. Systems Manager gives you a complete view of your infrastructure performance and configuration, simplifies resource and application management, and makes it easy to operate and manage your infrastructure at scale.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Systems Manager is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Systems Manager is unique in the following ways.

General

Using Systems Manager to configure, access, and manage Amazon IoT Greengrass Version 2 devices is not supported.

Application Manager

Creating Amazon CloudFormation templates and stacks by using Application Manager is not currently supported.

Automation

The Automation `aws:copyImage` action is not supported.

Concurrently running automations in multiple Amazon Web Services Regions and accounts is not supported.

The following Automation actions for invoking APIs from other Amazon services are not supported:

- `aws:executeAwsApi`
- `aws:waitForAwsResourceProperty`
- `aws:assertAwsResourceProperty`

Change Manager

The Change Manager capability is not currently supported.

State Manager

The Schedule Offset feature is not currently supported.

Incident Manager

The Incident Manager capability is not currently supported.

OpsCenter

The markdown support feature in the OpsItem description field in the console is not available.

Patch Manager

The **Patch now** feature in Patch Manager is not currently supported.

Patch policies (a Quick Setup configuration) are not currently supported.

Quick Setup

The Quick Setup capability is not currently supported.

Session Manager

To download the Session Manager plugin for Systems Manager, for use on your local machine, use the following URLs:

- Windows Server: https://s3.cn-north-1.amazonaws.com.cn/session-manager-downloads/plugin/latest/windows/SessionManagerPluginSetup.exe
- macOS: https://s3.cn-north-1.amazonaws.com.cn/session-manager-downloads/plugin/latest/mac/sessionmanager-bundle.zip
- Linux 32-bit: https://s3.cn-north-1.amazonaws.com.cn/session-manager-downloads/plugin/latest/linux_32bit/session-manager-plugin.rpm
- Linux 64-bit: https://s3.cn-north-1.amazonaws.com.cn/session-manager-downloads/plugin/latest/linux_64bit/session-manager-plugin.rpm
- Ubuntu Server 32-bit: https://s3.cn-north-1.amazonaws.com.cn/session-manager-downloads/plugin/latest/ubuntu_32bit/session-manager-plugin.deb
- Ubuntu Server 64-bit: https://s3.cn-north-1.amazonaws.com.cn/session-manager-downloads/plugin/latest/ubuntu_64bit/session-manager-plugin.deb

SSM Agent

Installation files for SSM Agent are available for both the Beijing and Ningxia Regions, for all supported operating systems. For information, see the following section, SSM Agent installation files in the Beijing and Ningxia Regions.

SSM Agent installation files in the Beijing and Ningxia Regions

To install SSM Agent on Amazon Elastic Compute Cloud (Amazon EC2) instances, choose the appropriate installation file URL for your Amazon Web Services Region and operating system.

Amazon Linux

Use the following files when installing SSM Agent on Amazon Linux Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Amazon Linux instances.

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

x86

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_386/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_386/amazon-ssm-agent.rpm
```

Amazon Linux 2

Use the following files when installing SSM Agent on Amazon Linux 2 Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Amazon Linux 2 instances.

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

CentOS

Use the following files when installing SSM Agent on CentOS Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on CentOS instances

CentOS 8

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_arm64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_arm64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

CentOS 7

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_arm64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_arm64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

CentOS 6

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/3.0.1390.0/linux_386/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/3.0.1390.0/
linux_386/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/3.0.1390.0/
linux_amd64/amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/3.0.1390.0/
linux_amd64/amazon-ssm-agent.rpm
```

CentOS Stream 8

Use the following files when installing SSM Agent on CentOS Stream Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on CentOS Stream instances

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_arm64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_arm64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

Debian Server

Use the following files when installing SSM Agent on Debian Server Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Debian Server instances

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/debian_arm64/
amazon-ssm-agent.deb
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
debian_arm64/amazon-ssm-agent.deb
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/debian_amd64/
amazon-ssm-agent.deb
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
debian_amd64/amazon-ssm-agent.deb
```

Oracle Linux

Use the following files when installing SSM Agent on Oracle Linux Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Oracle Linux instances

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

Red Hat Enterprise Linux (RHEL)

Use the following files when installing SSM Agent on RHEL Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on RHEL instances

RHEL 8

ARM64

- Beijing Region

```
https://s3.amazonaws.com/ec2-downloads-windows/SSMAgent/latest/linux_arm64/amazon-
ssm-agent.rpm
```

- Ningxia Region

```
https://s3.amazonaws.com/ec2-downloads-windows/SSMAgent/latest/linux_arm64/amazon-
ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

RHEL 7

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_arm64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_arm64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

RHEL 6

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/3.0.1390.0/
linux_amd64/amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/3.0.1390.0/
linux_amd64/amazon-ssm-agent.rpm
```

x86

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/3.0.1390.0/linux_386/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/3.0.1390.0/
linux_386/amazon-ssm-agent.rpm
```

Rocky Linux

Use the following files when installing SSM Agent on Rocky Linux Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Rocky Linux instances

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_arm64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_arm64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

SUSE Enterprise Linux Server (SLES)

Use the following files when installing SSM Agent on SLES Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on SLES instances

ARM64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_arm64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_arm64/amazon-ssm-agent.rpm
```

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/linux_amd64/
amazon-ssm-agent.rpm
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
linux_amd64/amazon-ssm-agent.rpm
```

Ubuntu Server

Use the following files when installing SSM Agent on Ubuntu Server Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Ubuntu Server instances.

Ubuntu Server 20.10 STR & 20.04, 18.04, and 16.04 LTS 64-bit (Snap)

Installation on these versions of Ubuntu Server uses the Snap format instead of installation commands with URLs for installation files. For instructions, see Install SSM Agent on Ubuntu Server 20.10 STR & 20.04, 18.04, and 16.04 LTS 64-bit (Snap).

Ubuntu Server 16.04 and 14.04 64-bit (deb)

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/debian_amd64/
amazon-ssm-agent.deb
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
debian_amd64/amazon-ssm-agent.deb
```

Ubuntu Server 16.04 and 14.04 32-bit

x86

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/debian_386/
amazon-ssm-agent.deb
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
debian_386/amazon-ssm-agent.deb
```

Windows Server

Use the following files when installing SSM Agent on Windows Server Amazon EC2 instances. For full instructions, see Manually installing SSM Agent on Windows Server instances

x86_64

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/windows_amd64/
AmazonSSMAgentSetup.exe
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
windows_amd64/AmazonSSMAgentSetup.exe
```

x86

- Beijing Region

```
https://s3.cn-north-1.amazonaws.com.cn/amazon-ssm-cn-north-1/latest/windows_386/
AmazonSSMAgentSetup.exe
```

- Ningxia Region

```
https://s3.cn-northwest-1.amazonaws.com.cn/amazon-ssm-cn-northwest-1/latest/
windows_386/AmazonSSMAgentSetup.exe
```

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Systems Manager User Guide
- Amazon Systems Manager API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Transfer Family

Amazon Transfer Family is a secure transfer service that enables you to transfer files into and out of Amazon storage services. Amazon Transfer Family supports transferring data from or to the following Amazon storage services:

- Amazon Simple Storage Service
- Amazon Elastic File System (Amazon EFS) Network File System (NFS) file system

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Transfer Family is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Transfer Family is unique in the following ways:

- VPC_ENDPOINT endpoint types are not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some

features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Transfer Family User Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Transcribe

Amazon Transcribe uses advanced machine learning technologies to recognize speech in audio files and transcribe them into text. You can use Amazon Transcribe to convert audio to text and to create applications that incorporate the content of audio files. For example, you can transcribe the audio track from a video recording to create closed captioning for the video.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Transcribe is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Transcribe is unique in the following ways:

- Filing for Internet Content Provider (ICP) recordal:

  If you want to use an Amazon S3 bucket for your input data in the China (Beijing) or China (Ningxia) Regions, you must obtain an ICP license. For information about filing for ICP recordal, see Billing and Payment
- Automatic content redaction is not available in the China (Beijing) Region and China (Ningxia) Region.
- Automatic language identification is not available in the China (Beijing) Region and China (Ningxia) Region.
- Custom language models are not available in the China (Beijing) Region and China (Ningxia) Region.
- Amazon Transcribe Call Analytics is not available in the China (Beijing) Region and China (Ningxia) Region.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon Transcribe Developer Guide

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.

  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Trusted Advisor

Amazon Trusted Advisor helps you provision your resources by following best practices. Trusted Advisor inspects your Amazon Web Services environment and finds opportunities to save money, improve system performance and reliability, or help close security gaps.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Trusted Advisor is available in the following regions in China:

- Beijing Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Trusted Advisor is unique in the following ways:

- The organizational view feature is not supported.
- Not all checks are supported in this Region. For a list of available checks, see the Trusted Advisor check reference.
- The Amazon Security Hub integration feature is not supported.
- Trusted Advisor Priority is not supported.
- Amazon CloudWatch alarms for Trusted Advisor metrics are not supported.
- Monitoring Trusted Advisor checks with Amazon CloudWatch Events or Amazon EventBridge is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

For more information about Amazon Trusted Advisor and the API operations available, see the Amazon Web Services Support documentation:

- Amazon Web Services Support User Guide
- Amazon Web Services Support API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon Virtual Private Cloud

Amazon Virtual Private Cloud (Amazon VPC) lets you provision a logically isolated section of the Amazon Web Services in China cloud where you can launch Amazon Web Services in China resources in a virtual network that you define. You have complete control over your virtual networking environment, including selection of your own IP address range, creation of subnets, and configuration of route tables and network gateways.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon Virtual Private Cloud is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon Virtual Private Cloud is unique in the following ways:

- Amazon Site-to-Site VPN service is not available in the Beijing and Ningxia Regions.
- **IPv6** is supported. For more information about IPv6 support for Amazon S3 and other services, see Getting Started with Amazon Web Services in China.
- You can't assign a private DNS name to a VPC endpoint service.
- You can only use VPC attachments and VPC peering attachments on a transit gateway.
- Transit Gateway Network Manager is not supported.
- The Public IP insights feature of Amazon VPC IP Address Manager (IPAM) is available for viewing IP address insights in a single Region, but other features of Amazon VPC IPAM are not available.
- Reachability Analyzer is not supported.
- Network Access Analyzer is not supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon VPC Getting Started Guide
- Amazon VPC User Guide
- Amazon VPC API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.

- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon WAF

Amazon WAF is a web application firewall that lets you monitor web requests that are forwarded to Amazon CloudFront distributions or an Application Load Balancer. You can also use Amazon WAF to block or allow requests based on conditions that you specify, such as the IP addresses that requests originate from or values in the requests.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon WAF is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon WAF is unique in the following ways:

- The following related services, which appear in the Amazon WAF documentation, are not available in the Beijing and Ningxia Regions: Amazon Firewall Manager, and Amazon Shield.
- Amazon Web Services Marketplace integration is not available in the Beijing and Ningxia Regions.
- Amazon WAF is supported at a regional level only in the Beijing and Ningxia Regions.

- The Amazon WAF Bot Control managed rule group `AWSManagedRulesBotControlRuleSet` is available at the common protection level only. The targeted protection level rules are not available in the Beijing and Ningxia Regions.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon WAF Developer Guide
- Amazon WAF API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon WorkSpaces

Amazon WorkSpaces offers an easy way to provide a cloud-based virtual desktop to your end users. You can use Amazon WorkSpaces to provision either Windows or Linux desktops in just a few minutes and quickly scale to provide thousands of desktops to your users. Select from a choice of bundles that offer a range of different amounts of CPU, memory, storage, and a choice of applications. Users can connect from a Windows or Linux PC, Mac desktop computer, iPad, Kindle, or Android tablet.

Topics

- Region Availability
- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon WorkSpaces is available in the following regions in China:

- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of Amazon WorkSpaces is unique in the following ways:

- The WorkSpaces Quick Setup feature is not supported.
- Windows 7/Windows 2008 WorkSpaces are not supported.
- Amazon WorkSpaces Application Manager (WAM) is not supported.
- Amazon WorkSpaces Web Access is not currently available.
- Integration with Amazon WorkDocs is not currently supported.
- Copying images across Regions is not currently supported.
- The cross-Region redirection feature is not supported.
- WorkSpace branding customization is not currently supported.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon WorkSpaces Administration Guide
- Amazon WorkSpaces User Guide
- Amazon WorkSpaces API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Amazon X-Ray

Amazon X-Ray makes it easy for developers to analyze the behavior of their distributed applications by providing request tracing, exception collection, and profiling capabilities.

Topics

- Region Availability

- Feature Availability and Implementation Differences
- Guides and References
- General Information About Amazon Web Services in China

Region Availability

Amazon X-Ray is available in the following regions in China:

- Beijing Region
- Ningxia Region

Feature Availability and Implementation Differences

The Amazon Web Services in China implementation of X-Ray is unique in the following ways:

No Differences.

Guides and References

Amazon Web Services in China user guides are available in HTML and PDF, in both Chinese and English. API references are available in HTML and PDF. Some API references may be available only in English. Currently, not all API references are available in the Beijing and Ningxia Regions. Links to some API references will take you to the global Amazon Web Services site. Note that some features and functionality described in the guides and references may not be available in the current Amazon Web Services in China release.

- Amazon X-Ray Developer Guide
- Amazon X-Ray API Reference

General Information About Amazon Web Services in China

The following information applies to all Amazon Web Services that are available in the China Regions.

Amazon Web Services Accounts in the China Regions

To use services in the Beijing and Ningxia Regions, you need an account and credentials specific to each of those Regions.

- Accounts and credentials for other Amazon Regions will not work for services operating in the Beijing and Ningxia Regions.
- Accounts and credentials for the Beijing and Ningxia Regions will not work for other Amazon Regions.
- For more information, see Signup, Accounts, and Credentials.

Domain for Amazon Web Services in China

The domain for Amazon Web Services in China is **`www.amazonaws.cn`**.

Endpoints & Amazon Resource Names (ARNs)

For information about endpoints and ARNs in Amazon Web Services in China, see Endpoints and ARNs for Amazon Web Services in China.

Availability Zones for the China Regions

- In the Beijing Region, there are three Availability Zones.
- In the Ningxia Region, there are three Availability Zones.

General Information for Amazon Web Services in China

The following applies to all Amazon Web Services that are available in the China Regions. For detailed information about specific Amazon Web Services, see the service-specific topic in this guide.

- Amazon Identity and Access Management (IAM)
  - You can grant or deny a service access to resources using the `Principal` policy element.
  - Service principal values vary by Region.
- EC2-Classic Platform
  - The EC2-Classic platform is not supported.
- Free Usage Tier
  - The free usage tier is supported in the Ningxia Region.
  - The free usage tier is not supported in the Beijing Region.

Amazon Web Services Console

The console for Amazon Web Services in China is unique to China. The screenshots in the Amazon Web Services guides might differ from what you see on your console. For information about differences in service functionality, see the topics for each service in this guide.

Code Examples

The Amazon Web Services documentation might include endpoints and ARNs in code examples that are not specific to the Beijing and Ningxia Regions. When using examples, verify you are using the endpoints and ARNs for your Region.

Services Unsupported in Amazon Web Services in China

For a list of services that are supported and not supported in the China (Beijing) Region and the China (Ningxia) Region, see the Region Table.

Endpoints and ARNs for Amazon Web Services in China

To access Amazon services and resources, you use endpoints and Amazon Resource Names (ARNs).

Endpoints

To connect programmatically to an Amazon Web Services in China, you use an endpoint. An endpoint is the URL of the entry point for an Amazon service. For example, `dynamodb.cn-north-1.amazonaws.com.cn` is the endpoint for the Amazon DynamoDB service in the Beijing Region, and `dynamodb.cn-northwest-1.amazonaws.com.cn` is the endpoint for Amazon DynamoDB in the Ningxia Region. The Amazon SDKs and the Amazon Command Line Interface (CLI) automatically use the default endpoint for each service in an Amazon Region. But you can specify another endpoint for your API requests.

For a complete list of endpoints in China Regions, see the following topics:

- Beijing Region Endpoints
- Ningxia Region Endpoints

For information about endpoints, see Amazon Service Endpoints in the *Amazon Web Services General Reference*.

Amazon Resource Names (ARNs)

Amazon Resource Names (ARNs) uniquely identify Amazon resources. You use an ARN to specify a resource across all of Amazon Web Services, such as in Amazon Identity and Access Management (IAM) policies, Amazon Relational Database Service (Amazon RDS) tags, and API calls.

For information about ARNs in the Beijing and Ningxia Regions, see ARNs for Amazon Web Services in China.

For general information about ARNs, see Amazon Resource Names (ARNs) in the *Amazon Web Services General Reference*.

Beijing Region Endpoints

- The endpoint domain for both the Beijing and Ningxia Regions is *`amazonaws.com.cn`*.
- For an endpoint in the Beijing Region, the Region value should be *`cn-north-1`*.

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon API Gateway	apigateway.cn-north-1.amazonaws.com.cn	HTTPS
API Gateway Dataplane	execute-api.cn-north-1.amazonaws.com.cn	HTTPS
API Gateway Dataplane V2	execute-api.cn-north-1.amazonaws.com.cn	HTTPS
API Gateway HTTP API	http-api.cn-north-1.amazonaws.com.cn	
API Gateway Protocol Layer	protocol-layer.cn-north-1.amazonaws.com.cn	
API Gateway V2	apigateway.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Account Management	account.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon AppConfig	appconfig.cn-north-1.amazonaws.com.cn	HTTPS
Amazon AppConfig Control Plane	appconfigcontrolplane.cn-north-1.amazonaws.com.cn	
Amazon AppSync	appsync.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Auto Scaling Plans	autoscaling-plans.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Backint Agent for SAP HANA	aws-backint-agent.cn-north-1.amazonaws.com.cn	
Amazon Backint Agent for Amazon S3	aws-backint-agent-for-s3.cn-north-1.amazonaws.com.cn	

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Backup	backup.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Backup console	cryoconsole.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Batch	batch.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Billing and Cost Management	console.amazonaws.cn/billing/rest/v1.0/	HTTPS
Amazon Cloud Map	servicediscovery.cn-north-1.amazonaws.com.cn servicediscovery.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Cloud Map Console	servicediscovery-console.cn-north-1.amazonaws.com.cn	
Amazon CodeBuild	codebuild.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Compute Optimizer Console	compute-optimizer-console.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Config	config.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Config Advanced Query	config.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Config Aggregators	config.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Config Remediation	config.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Config Rules	config.cn-north-1.amazonaws.com.cn	
Amazon Connector Service	awsconnector.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Web Services Console Home	consolehome.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Data Provider for SAP	data-provider-sap.cn-north-1.amazonaws.com.cn	
Amazon DataSync	datasync.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Web Services Documentation	awsdocs.cn-north-1.amazonaws.com.cn	HTTPS
Windows containers on Amazon Fargate	fargate-windows.cn-north-1.amazonaws.com.cn	
Amazon Glue	glue.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Glue crawler	glue-crawler.cn-north-1.amazonaws.com.cn	
Amazon Glue DataBrew	databrew.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Glue Data Catalog	datacatalog.cn-north-1.amazonaws.com.cn	
Amazon Glue Frontend Service	glue.cn-north-1.amazonaws.com.cn	

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Glue Tape	aws-glue-tape-service.cn-north-1.amazonaws.com.cn	
Amazon IoT Greengrass	greengrass.cn-north-1.amazonaws.com.cn	https
Amazon Health APIs And Notifications	health.cn-north-1.amazonaws.com.cn global.health.amazonaws.com.cn	HTTPS HTTPS
Amazon Health Dashboard	phd.amazonaws.cn	HTTP and HTTPS
Amazon VPC IP Address Manager Console	aws-ipam-console.cn-north-1.amazonaws.com.cn	
Identity Store Request Router	identitystore-requestrouter.cn-north-1.amazonaws.com.cn	
Identity Store	identitystore.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Import/Export Disk	importexport.amazonaws.com	HTTPS
Amazon IoT Analytics	iotanalytics.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Device Defender	iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Device Management	iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Events	iotevents.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon IoT Events-Data	data.iotevents.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Jobs SDK release	data.jobs.iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Secure Tunneling	api.tunneling.iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Device Shadow service	rts.shadow.iot.cn-north-1.amazonaws.com.cn	
Amazon IoT SiteWise	iotsitewise.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT SiteWise console	console.cn-north-1.amazonaws.com.cn	
Amazon IoT data	data.ats.iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT Identity	iot.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon IoT SiteWise Monitor	monitor.iotsitewise.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Launch Wizard	launchwizard.cn-north-1.amazonaws.com.cn	
Amazon Launch Wizard	appwizard.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon License Manager	license-manager.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Linux subscriptions in Amazon License Manager	license-manager-linux-subscriptions.cn-north-1.amazonaws.com.cn	HTTPS
Amazon License Manager Console	license-manager-console.cn-north-1.amazonaws.com.cn	
Amazon License Manager master account SLR	license-manager.cn-north-1.amazonaws.com.cn	HTTPS
Amazon License Manager member account SLR	license-manager.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Web Services Management Console	cn-north-1.console.amazonaws.cn	HTTPS
Amazon Organizations	organizations.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon ParallelCluster	aws-parallelcluster.cn-north-1.amazonaws.com.cn	
Amazon Partner Central	aws-partner-central.cn-north-1.amazonaws.com.cn	
Amazon Resource Groups Tagging API	tagging.cn-north-1.amazonaws.com.cn	HTTPS
Amazon SQL Workbench	sqlworkbench.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IAM Identity Center	sso.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IAM Identity Center directory	up-sso.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Web Services access portal	portal.sso.cn-north-1.amazonaws.com.cn	HTTPS
Savings Plans	savingsplans.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Secrets Manager	secretsmanager.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Security Hub	securityhub.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Serverless Application Repository	serverlessrepo.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Service Catalog	servicecatalog.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Signer	signer.cn-north-1.amazonaws.com.cn verification.signer.cn-north-1.amazonaws.com.cn	HTTPS HTTPS
Amazon Snowball Edge	snowball.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Step Functions	states.cn-north-1.amazonaws.com.cn sync-states.cn-north-1.amazonaws.com.cn states.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS HTTPS
Amazon Step Functions - Sync Express	sync-states.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Support Center Console	console.amazonaws.cn/support	HTTPS
Amazon Systems Manager	ssm.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Systems Manager Session Manager	ssmmessages.cn-north-1.amazonaws.com.cn	HTTPS
EC2 Task Orchestrator and Executor	awstoe.cn-north-1.amazonaws.com.cn	
Amazon Transfer Family	transfer.cn-north-1.amazonaws.com.cn	HTTPS
Amazon WAF Controlplane	wafv2-controlplane.cn-north-1.amazonaws.com.cn	
Amazon WAFV2	wafv2.cn-north-1.amazonaws.com.cn wafv2-fips.cn-north-1.amazonaws.com.cn	HTTPS HTTPS
Amazon Windows App-Consistent VSS Solution	aws-vss.cn-north-1.amazonaws.com.cn	
Amazon NVMe driver	aws-nvme.cn-north-1.amazonaws.com.cn	
Amazon PV driver	aws-pv.cn-north-1.amazonaws.com.cn	
Amazon Zelkova Service	zelkova.cn-north-1.amazonaws.com.cn	HTTPS
AmazonGlueSchemaRegistry	dsr.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Lake Formation	lakeformation.cn-north-1.amazonaws.com.cn	HTTPS
AWSSSOOIDCService	oidc.cn-north-1.amazonaws.com.cn	HTTPS
AWSSSOSamlService	cn-north-1.prod.saml.afi.aws.a2z.org.cn	HTTP and HTTPS
Access Analyzer	access-analyzer.cn-north-1.amazonaws.com.cn	HTTPS
Access Analyzer Console	aws-a2-console.cn-north-1.amazonaws.com.cn	
Amazon API Gateway Management API	execute-api.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Budgets	budgets.amazonaws.com.cn	HTTPS
Amazon CloudWatch Application Insights	applicationinsights.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CloudWatch Observability Access Manager	oam.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Data Lifecycle Manager	dlm.cn-north-1.amazonaws.com.cn	HTTPS
Amazon DocumentDB (with MongoDB compatibility)	rds.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Elastic Kubernetes Service	eks.cn-north-1.amazonaws.com.cn	HTTPS
Amazon EKS Optimized Windows AMIs	eks-windows.cn-north-1.amazonaws.com.cn	

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon EMR Serverless	emr-serverless.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Elastic Container Registry	ecr.cn-north-1.amazonaws.com.cn api.ecr.cn-north-1.amazonaws.com.cn	HTTPS HTTPS
Amazon Elastic Container Service	ecs.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Elastic MapReduce Containers	emr-containers.cn-north-1.amazonaws.com.cn	HTTPS
Amazon FSx	fsx.cn-north-1.amazonaws.com.cn	HTTPS
Amazon FSx for Lustre	fsx.cn-north-1.amazonaws.com.cn	HTTPS
Amazon FSx for NetApp ONTAP	fsx.cn-north-1.amazonaws.com.cn	HTTPS
Amazon FSx for OpenZFS	fsx.cn-north-1.amazonaws.com.cn	HTTPS
Amazon FSx for Windows File Server	fsx.cn-north-1.amazonaws.com.cn	HTTPS
FreeRTOS	iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon GuardDuty	guardduty.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Inspector	inspector2.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Keyspaces	cassandra.cn-north-1.amazonaws.com.cn	HTTPS and TLS
Amazon MQ	mq.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Managed Service for Apache Flink	kinesisanalytics.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Managed Service for Apache Flink - Flink Console	flink-console.cn-north-1.amazonaws.com.cn	
Amazon Managed Streaming for Apache Kafka	kafka.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Managed Workflows for Apache Airflow	airflow.cn-north-1.amazonaws.com.cn	HTTPS
Amazon MemoryDB for Redis	memory-db.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Neptune	rds.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon OpenSearch Service	es.cn-north-1.amazonaws.com.cn aos.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Personalize	personalize.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Personalize Runtime	amazonpersonalizeruntime.cn-north-1.amazonaws.com.cn	
Amazon QuickSight	quicksight.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon RDS Proxy	rds.proxy.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon RDS for MariaDB	rds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon RDS for MySQL	rds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon RDS for Oracle	rds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon RDS for PostgreSQL	rds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon RDS for SQL Server	rds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Recycle Bin	rbin.cn-north-1.amazonaws.com.cn	HTTPS
Amazon S3 Replication Time Control	rtc.cn-north-1.amazonaws.com.cn	
Amazon SageMaker	api.sagemaker.cn-north-1.amazonaws.com.cn	HTTPS
Amazon SageMaker Neo	api.sagemaker.cn-north-1.amazonaws.com.cn	
Amazon SageMaker Runtime	runtime.sagemaker.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Transcribe Streaming Service	transcribestreaming.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon App Mesh	appmesh.cn-north-1.amazonaws.com.cn appmesh-envoy-management.cn-north-1.amazonaws.com.cn appmesh-envoy-management.cn-north-1.api.amazonwebservices.com.cn appmesh.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS HTTPS HTTPS
App Mesh SLR	appmesh.cn-north-1.amazonaws.com.cn	HTTPS
Amazon AppConfig Data	appconfigdata.cn-north-1.amazonaws.com.cn	HTTPS
Application Auto Scaling	application-autoscaling.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Athena	athena.cn-north-1.amazonaws.com.cn athena.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Aurora Control Plane	aurora-cp.cn-north-1.amazonaws.com.cn	
Amazon Aurora	rds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Aurora PostgreSQL	rds.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Capacity Reservation Service Linked Group	capacity-reservation-integration.cn-north-1.amazonaws.com.cn	
Amazon Certificate Manager	acm.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Cloud Control API	cloudcontrolapi.cn-north-1.amazonaws.com.cn	HTTPS
CloudEndure Migration	cloudenduremigration.cn-north-1.amazonaws.com.cn	
Amazon CloudFormation	cloudformation.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CloudFront	cloudfront.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CloudTrail	cloudtrail.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CloudWatch	monitoring.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon CloudWatch Events	events.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CloudWatch Logs	logs.cn-north-1.amazonaws.com.cn	HTTPS
CloudWatch Logs Cross-Account Observability	cloudwatchlogs-crossaccountobservability.cn-north-1.amazonaws.com.cn	
CloudWatch Logs VPCE	cloudwatchlogs-vpce.cn-north-1.amazonaws.com.cn	

Amazon Service	China (Beijing) Endpoint	Protocol
CloudWatch Synthetics	synthetics.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CodeCommit	codecommit.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CodeDeploy	codedeploy.cn-north-1.amazonaws.com.cn	HTTPS
Amazon CodePipeline	codepipeline.cn-north-1.amazonaws.com.cn	HTTPS
Cognito Console	cognito-console.cn-north-1.amazonaws.com.cn	
Amazon Cognito	cognito-identity.cn-north-1.amazonaws.com.cn	HTTPS
Compute Optimizer	compute-optimizer.cn-north-1.amazonaws.com.cn	HTTPS
DS Console	cn-north-1.console.amazonaws.cn/directoryservicev2/home?region=cn-north-1	HTTPS
Amazon Database Migration Service	dms.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Direct Connect	directconnect.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Directory Service	ds.cn-north-1.amazonaws.com.cn	HTTPS
Directory Service - AD Connector	ds.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Directory Service - Managed AD	ds.cn-north-1.amazonaws.com.cn	HTTPS
Amazon DynamoDB	dynamodb.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
DynamoDB Accelerator	dax.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
DynamoDB Contributor Insights	dynamodb-kai.cn-north-1.amazonaws.com.cn	
Amazon DynamoDB Streams	streams.dynamodb.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
EBS Console	cn-north-1.console.amazonaws.cn/ec2/home?region=cn-north-1	HTTPS
EBS Direct APIs	ebs.cn-north-1.amazonaws.com.cn ebs.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon EC2 Auto Scaling	autoscaling.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
EC2 Container Service (ECS) Optimized Windows AMIs	ecs-windows-amis.cn-north-1.amazonaws.com.cn	
EC2 Dedicated Host Reservations	ec2hostel.cn-north-1.amazonaws.com.cn	
EC2 Image Builder	imagebuilder.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
EC2 Instance Connect	ec2-instance-connect.cn-north-1.amazonaws.com.cn	HTTPS
EC2 Launch v2	ec2launchv2.cn-north-1.amazonaws.com.cn	
EC2 Managed Prefix List Service	ec2-pls.cn-north-1.amazonaws.com.cn	HTTPS
EC2 Message Delivery Service	ec2messages.cn-north-1.amazonaws.com.cn	HTTPS
EC2 Serial Console	ec2-serial-console.cn-north-1.amazonaws.com.cn	
EC2 Spot Advisor	ec2spotadvisor.cn-north-1.amazonaws.com.cn	
EC2 Spot Console	cn-north-1.console.amazonaws.cn	HTTPS
EC2 Traffic Mirroring	trafficmirroring.cn-north-1.amazonaws.com.cn	HTTPS
EC2CustomerMaintenanceEventService	ec2cms.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
EC2VPCEndpointService	ec2-vpce-service.cn-north-1.amazonaws.com.cn	
ECS Console	ecs-console.cn-north-1.amazonaws.com.cn	
ECSProxyRouterTACS	ecs-prtacs.cn-north-1.amazonaws.com.cn	
EKS Console	console.cn-north-1.amazonaws.com.cn	

Amazon Service	China (Beijing) Endpoint	Protocol
EKS OIDC Frontend	oidc.eks.cn-north-1.amazonaws.com.cn	
EKSForFargateSlrService	eks-fargate-slr.cn-north-1.amazonaws.com.cn	HTTPS
EMR Console	emr-console.cn-north-1.amazonaws.com.cn	
Amazon ElastiCache	elasticache.cn-north-1.amazonaws.com.cn	HTTPS
ElastiCache Global Datastore for Redis	redis-global-datastore.cn-north-1.amazonaws.com.cn	
Amazon Elastic Beanstalk	elasticbeanstalk.cn-north-1.amazonaws.com.cn	HTTPS
Elastic Beanstalk Health Service	elasticbeanstalk-health.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Elastic Block Store	ec2.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Elastic Compute Cloud	ec2.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Elastic File System	elasticfilesystem.cn-north-1.amazonaws.com.cn elasticfilesystem-fips.cn-north-1.amazonaws.com.cn	HTTPS HTTPS
Elastic Load Balancing	elasticloadbalancing.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Elastic Load Balancing - Gateway Load Balancer	elb-agw.cn-north-1.amazonaws.com.cn	HTTP and HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon EMR	elasticmapreduce.cn-north-1.amazonaws.com.cn elasticmapreduce.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Elasticache Console	elasticache.console.cn-north-1.amazonaws.com.cn	HTTPS
Envoy Management Service (EMS) for Amazon ECS Service Connect	ecs-sc.cn-north-1.api.amazonwebservices.com.cn	HTTPS
Amazon EventBridge	events.cn-north-1.amazonaws.com.cn	HTTPS
EventBridge API Destinations	eventbridge-api-destinations.cn-north-1.amazonaws.com.cn	
EventBridge Archive and Replay	events.cn-north-1.amazonaws.com.cn	HTTPS
EventBridge Console	eventbridgeconsole.cn-north-1.amazonaws.com.cn	
Amazon Firewall Manager	fms.cn-north-1.amazonaws.com.cn	HTTPS
Amazon GameLift	gamelift.cn-north-1.amazonaws.com.cn	HTTPS
Amazon S3 Glacier	glacier.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Glue Console	glue.console.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
GuardDuty Malware Protection	malware-protection.cn-north-1.amazonaws.com.cn	
IAM Console	iam-console.cn-north-1.amazonaws.com.cn	
IAM Roles Anywhere	rolesanywhere.cn-north-1.amazonaws.com.cn	HTTPS
IAMAdaRuntimeService	iam-ada-runtime-service.cn-north-1.amazonaws.com.cn	HTTPS
IPv6	ipv6.cn-north-1.amazonaws.com.cn	
Amazon Identity and Access Management	iam.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Snowball	snowball.cn-north-1.amazonaws.com.cn snowball-fips.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT	iot.cn-north-1.amazonaws.com.cn	HTTPS
Amazon IoT TwinMaker	iottwinmaker.cn-north-1.amazonaws.com.cn data.iottwinmaker.cn-north-1.amazonaws.com.cn api.iottwinmaker.cn-north-1.amazonaws.com.cn	HTTPS HTTPS HTTPS
Amazon Key Management Service	kms.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Kinesis Data Firehose Console	kinesisfirehose-console.cn-north-1.amazonaws.com.cn	
Amazon Data Firehose	firehose.cn-north-1.amazonaws.com.cn firehose.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Kinesis Data Streams	kinesis.cn-north-1.amazonaws.com.cn	HTTPS
Kinesis Streams Console	cn-north-1.console.amazonaws.cn/kinesis/home?region=cn-north-1	HTTPS
Kinesis Video Streams	kinesisvideo.cn-north-1.amazonaws.com.cn	HTTPS
Lake Formation Console	lakeformation.console.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Lambda	lambda.cn-north-1.amazonaws.com.cn lambda.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
License Manager Service Linked Group	license-manager-integration.cn-north-1.amazonaws.com.cn	
Marketplace	marketplace.cn-north-1.amazonaws.com.cn	HTTPS
Network Firewall	network-firewall.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Network Firewall Service Linked Group	network-firewall-integration.cn-north-1.amazonaws.com.cn	
Operator	operator.cn-north-1.amazonaws.com.cn	HTTPS
OperatorNet	operatornet.cn-north-1.amazonaws.com.cn	HTTPS
Organizations CloudFormation Resource Providers	cfn.cn-north-1.amazonaws.com.cn	
OvertureService	overtureservice.cn-north-1.amazonaws.com.cn	
Performance Insights	pi.cn-north-1.amazonaws.com.cn	HTTPS
Pipes	pipes.cn-north-1.amazonaws.com.cn	HTTPS
RDS Cross-Region Automated Backups	rds-xrab.cn-north-1.amazonaws.com.cn	
RIP Service to hold the HostedZone ID for documentation purposes	s3-website.cn-north-1.amazonaws.com.cn	HTTP
Recycle Bin Console	cn-north-1.console.amazonaws.cn/rbin/home?region=cn-north-1	HTTPS
Amazon Redshift	redshift.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Redshift Data API	redshift-data.cn-north-1.amazonaws.com.cn redshift-data.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Redshift Serverless	redshift-serverless.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Relational Database Service	rds.cn-north-1.amazonaws.com.cn rds.cn-north-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Resource Access Manager	ram.cn-north-1.amazonaws.com.cn	HTTPS
Resource Groups	resource-groups.cn-north-1.amazonaws.com.cn	HTTPS
Resource Groups Console	console.cn-north-1.amazonaws.com.cn	HTTPS
Reverse DNS for Elastic IPs	rdns-eips.cn-north-1.amazonaws.com.cn	
Amazon Route 53 Amazon Web Services Integration	route53.amazonaws.com.cn	HTTPS
Amazon Route 53 Application Recovery Controller	route53-application-recovery-controller.cn-north-1.amazonaws.com.cn	
Amazon Route 53 Private DNS for VPCs	route53.amazonaws.com.cn	HTTPS
Route 53 Public Control Plane	route53.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Route 53 Public Data Plane	route53.amazonaws.com.cn	HTTPS
Route 53 Resolver DNS Firewall	route53firewall.cn-north-1.amazonaws.com.cn	HTTP
Amazon Route 53 Resolver	route53resolver.cn-north-1.amazonaws.com.cn	HTTPS
Route 53 Resolver VPC Query Logs	route53resolver-vpc-querylogs.cn-north-1.amazonaws.com.cn	HTTPS
Route53 Application Recovery Controller - Zonal Shift	arc-zonal-shift.cn-north-1.amazonaws.com.cn	HTTPS
S3 Access Points	s3-accesspoint.cn-north-1.amazonaws.com.cn s3-accesspoint.dualstack.cn-north-1.amazonaws.com.cn	HTTPS HTTPS
S3 Banner	s3-banner.cn-north-1.amazonaws.com.cn	HTTPS
S3 Endpoints Service	s3epservice.cn-north-1.amazonaws.com.cn	HTTPS
S3IntelligentTiering	s3intelligenttiering.cn-north-1.amazonaws.com.cn	
SSM Application Manager	ssm-applicationmanager.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Systems Manager Explorer	ssm-explorer.cn-north-1.amazonaws.com.cn	

Amazon Service	China (Beijing) Endpoint	Protocol
SSM Guiconnect	ssm-guiconnect.cn-north-1.amazonaws.com.cn	HTTPS
SSO Console	aws-sso-console.cn-north-1.amazonaws.com.cn	HTTPS
SageMaker Clarify (Thundera)	clarify.cn-north-1.amazonaws.com.cn	
SageMaker Console	console.cn-north-1.amazonaws.com.cn	HTTPS
SageMaker Data Wrangler	sagemaker-data-wrangler.cn-north-1.amazonaws.com.cn	
SageMaker Feature Store Runtime	featurestore-runtime.sagemaker.cn-north-1.amazonaws.com.cn	HTTPS
SageMaker Projects	projects.cn-north-1.amazonaws.com.cn	
SageMaker Repository Service/Model Registry	repositoryservice.cn-north-1.amazonaws.com.cn	
SageMakerMetricsService	metrics.sagemaker.cn-north-1.amazonaws.com.cn	HTTPS
Schemas	schemas.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Security Token Service	sts.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Server Migration Service	sms.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Service Quotas	servicequotas.cn-north-1.amazonaws.com.cn	HTTPS
Service Quotas Console	aws-servicequotas-console.cn-north-1.amazonaws.com.cn	
Services Health Dashboard	status.amazonaws.cn	HTTPS
Sign-In Portal	signin.amazonaws.cn	HTTPS
Amazon Simple Notification Service	sns.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Simple Queue Service	sqs.cn-north-1.amazonaws.com.cn	HTTP and HTTPS
Amazon S3	s3.cn-north-1.amazonaws.com.cn s3.dualstack.cn-north-1.amazonaws.com.cn	HTTP and HTTPS HTTP and HTTPS
Amazon Simple Workflow Service	swf.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Storage Gateway	storagegateway.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Web Services Support	support.cn-north-1.amazonaws.com.cn	HTTPS
Three-AZ option for Amazon RDS Multi-AZ deployments (RDS Hermes Clusters)	rds-taz.cn-north-1.amazonaws.com.cn	
Amazon Transcribe	cn.transcribe.cn-north-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Beijing) Endpoint	Protocol
Amazon Transit Gateway	ec2.cn-north-1.amazonaws.com.cn	HTTPS
Unified Console	unified-console.cn-north-1.amazonaws.com.cn	
Unified Settings Console	upc.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Virtual Private Cloud Console	cn-north-1.console.amazonaws.cn/vpc/home?region=cn-north-1	HTTPS
VPC Flow Logs	ec2.cn-north-1.amazonaws.com.cn	HTTPS
Amazon X-Ray	xray.cn-north-1.amazonaws.com.cn	HTTPS
Amazon WAF	waf-regional.cn-north-1.amazonaws.com.cn waf-regional-fips.cn-north-1.amazonaws.com.cn	HTTPS HTTPS
abs-lod	abs-lod.cn-north-1.amazonaws.com.cn	
cloudfront-cloudformation-support	cloudfront-cloudformation-support.cn-north-1.amazonaws.com.cn	
cognito-console	cognito-console.cn-north-1.amazonaws.com.cn	
ec2containerregistry analytics	ecr-analytics.cn-north-1.amazonaws.com.cn	

Ningxia Region Endpoints

- The endpoint domain for both the Beijing and Ningxia Regions is `amazonaws.com.cn`.
- For an endpoint in the Ningxia Region, the Region value should be `cn-northwest-1`.

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon API Gateway	apigateway.cn-northwest-1.amazonaws.com.cn	HTTPS
API Gateway Dataplane	execute-api.cn-northwest-1.amazonaws.com.cn	HTTPS
API Gateway Dataplane V2	execute-api.cn-northwest-1.amazonaws.com.cn	HTTPS
API Gateway HTTP API	http-api.cn-northwest-1.amazonaws.com.cn	
API Gateway Protocol Layer	protocol-layer.cn-northwest-1.amazonaws.com.cn	
API Gateway V2	apigateway.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Account Management	account.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon AppConfig	appconfig.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon AppConfig Control Plane	appconfigcontrolplane.cn-northwest-1.amazonaws.com.cn	
Amazon AppSync	appsync.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Auto Scaling Plans	autoscaling-plans.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Backint Agent for SAP HANA	aws-backint-agent.cn-northwest-1.amazonaws.com.cn	
Amazon Backint Agent for Amazon S3	aws-backint-agent-for-s3.cn-northwest-1.amazonaws.com.cn	
Amazon Backup	backup.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Backup console	cryoconsole.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Batch	batch.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Billing and Cost Management	aws-bpc.zhy.amazon.com/billing/rest/v1.0/	HTTPS
Amazon Cloud Map	servicediscovery.cn-northwest-1.amazonaws.com.cn servicediscovery.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Cloud Map Console	servicediscovery-console.cn-northwest-1.amazonaws.com.cn	
Amazon CodeBuild	codebuild.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Compute Optimizer Console	compute-optimizer-console.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Config	config.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Config Advanced Query	config.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Config Aggregators	config.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Config Remediation	config.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Config Rules	config.cn-northwest-1.amazonaws.com.cn	
Amazon Connector Service	awsconnector.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Web Services Console Home	consolehome.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Cost Explorer Service	ce.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Data Provider for SAP	data-provider-sap.cn-northwest-1.amazonaws.com.cn	
Amazon DataSync	datasync.cn-northwest-1.amazonaws.com.cn	HTTPS
AWS Elemental MediaConvert	subscribe.mediaconvert.cn-northwest-1.amazonaws.com.cn	HTTPS
Windows containers on Amazon Fargate	fargate-windows.cn-northwest-1.amazonaws.com.cn	

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Web Services China Region Free Tier	freetier.cn-northwest-1.api.amazonwebservices.com.cn	
Amazon Glue	glue.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Glue crawler	glue-crawler.cn-northwest-1.amazonaws.com.cn	
Amazon Glue DataBrew	databrew.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Glue Data Catalog	datacatalog.cn-northwest-1.amazonaws.com.cn	
Amazon Glue Frontend Service	glue.cn-northwest-1.amazonaws.com.cn	
Amazon Glue Tape	aws-glue-tape-service.cn-northwest-1.amazonaws.com.cn	
Amazon Health APIs And Notifications	health.cn-northwest-1.amazonaws.com.cn global.health.amazonaws.com.cn	HTTPS HTTPS
Amazon Health Dashboard	phd.amazonaws.cn	HTTP and HTTPS
Amazon VPC IP Address Manager Console	aws-ipam-console.cn-northwest-1.amazonaws.com.cn	
Identity Store Request Router	identitystore-requestrouter.cn-northwest-1.amazonaws.com.cn	
Identity Store	identitystore.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Import/Export Disk	importexport.amazonaws.com	HTTPS
Amazon IoT Device Defender	iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon IoT Device Management	iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon IoT Jobs SDK release	data.jobs.iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon IoT Secure Tunneling	api.tunneling.iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon IoT Device Shadow service	rts.shadow.iot.cn-northwest-1.amazonaws.com.cn	
Amazon IoT data	data-ats.iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon IoT Identity	iot.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Launch Wizard	launchwizard.cn-northwest-1.amazonaws.com.cn	
Amazon Launch Wizard	appwizard.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon License Manager	license-manager.cn-northwest-1.amazonaws.com.cn	HTTPS
Linux subscriptions in Amazon License Manager	license-manager-linux-subscriptions.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon License Manager Console	license-manager-console.cn-northwest-1.amazon aws.com.cn	
Amazon License Manager master account SLR	license-manager.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon License Manager member account SLR	license-manager.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Web Services Management Console	cn-northwest-1.console.amazonaws.cn	HTTPS
Amazon Organizations	organizations.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon ParallelCluster	aws-parallelcluster.cn-northwest-1.amazonaws.com.cn	
Amazon Partner Central	aws-partner-central.cn-northwest-1.amazonaws.com.cn	
Amazon Price List Service	api.pricing.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Resource Groups Tagging API	tagging.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon SCM UI Argo Portal	awsscmuiportal.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon SQL Workbench	sqlworkbench.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon IAM Identity Center	sso.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon IAM Identity Center directory	up-sso.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Web Services access portal	portal.sso.cn-northwest-1.amazonaws.com.cn	HTTPS
Savings Plans	savingsplans.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Secrets Manager	secretsmanager.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Security Hub	securityhub.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Serverless Application Repository	serverlessrepo.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Service Catalog	servicecatalog.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Signer	signer.cn-northwest-1.amazonaws.com.cn verification.signer.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS
Amazon Snowball Edge	snowball.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Step Functions	states.cn-northwest-1.amazonaws.com.cn sync-states.cn-northwest-1.amazonaws.com.cn states.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Step Functions - Sync Express	sync-states.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Systems Manager	ssm.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Systems Manager Session Manager	ssmmessages.cn-northwest-1.amazonaws.com.cn	HTTPS
EC2 Task Orchestrator and Executor	awstoe.cn-northwest-1.amazonaws.com.cn	
Amazon Transfer Family	transfer.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon WAF Controlplane	wafv2-controlplane.cn-northwest-1.amazonaws.com.cn	
Amazon WAFV2	wafv2.cn-northwest-1.amazonaws.com.cn wafv2-fips.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS
Amazon Windows App-Consistent VSS Solution	aws-vss.cn-northwest-1.amazonaws.com.cn	
Amazon NVMe driver	aws-nvme.cn-northwest-1.amazonaws.com.cn	
Amazon PV driver	aws-pv.cn-northwest-1.amazonaws.com.cn	
Amazon Zelkova Service	zelkova.cn-northwest-1.amazonaws.com.cn	HTTPS
AmazonGlueSchemaRegistry	dsr.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
AWSInsightsActionLambda	aws-insights-action-lambda.cn-northwest-1.amazonaws.com.cn	
AWSInsightsIndexService	ce.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Lake Formation	lakeformation.cn-northwest-1.amazonaws.com.cn	HTTPS
AWSMonitorConfigurationService	aws-mcs.cn-northwest-1.amazonaws.com.cn	HTTPS
AWSOrganizationsConsoleV2	console.cn-northwest-1.amazonaws.com.cn	
AmazonOrigamiServiceGateway	cur.cn-northwest-1.amazonaws.com.cn	HTTPS
AWSPaymentConsoleAssets	aws-payment-console-assets.cn-northwest-1.amazonaws.com.cn	
AWSSSOOIDCService	oidc.cn-northwest-1.amazonaws.com.cn	HTTPS
AWSSSOSamlService	cn-northwest-1.prod.saml.afi.aws.a2z.org.cn	HTTP and HTTPS
Access Analyzer	access-analyzer.cn-northwest-1.amazonaws.com.cn	HTTPS
Access Analyzer Console	aws-a2-console.cn-northwest-1.amazonaws.com.cn	
Amazon API Gateway Management API	execute-api.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Budgets	budgets.amazonaws.com.cn	HTTPS
Amazon CloudWatch Application Insights	applicationinsights.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CloudWatch Observability Access Manager	oam.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Data Lifecycle Manager	dlm.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon DocumentDB (with MongoDB compatibility)	rds.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Elastic Kubernetes Service	eks.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon EKS Optimized Windows AMIs	eks-windows.cn-northwest-1.amazonaws.com.cn	
Amazon EMR Serverless	emr-serverless.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Elastic Container Registry	ecr.cn-northwest-1.amazonaws.com.cn api.ecr.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS
Amazon Elastic Container Service	ecs.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Elastic MapReduce Containers	emr-containers.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon FSx	fsx.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon FSx for Lustre	fsx.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon FSx for NetApp ONTAP	fsx.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon FSx for OpenZFS	fsx.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon FSx for Windows File Server	fsx.cn-northwest-1.amazonaws.com.cn	HTTPS
FreeRTOS	iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon GuardDuty	guardduty.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Inspector	inspector2.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Keyspaces	cassandra.cn-northwest-1.amazonaws.com.cn	HTTPS and TLS
Amazon MQ	mq.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Managed Service for Apache Flink	kinesisanalytics.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Managed Service for Apache Flink - Flink Console	flink-console.cn-northwest-1.amazonaws.com.cn	
Amazon Managed Streaming for Apache Kafka	kafka.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Managed Workflows for Apache Airflow	airflow.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon MemoryDB for Redis	memory-db.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Neptune	rds.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon OpenSearch Service	es.cn-northwest-1.amazonaws.com.cn aos.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon RDS Proxy	rds.proxy.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon RDS for MariaDB	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon RDS for MySQL	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon RDS for Oracle	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon RDS for PostgreSQL	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon RDS for SQL Server	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Recycle Bin	rbin.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon S3 Replication Time Control	rtc.cn-northwest-1.amazonaws.com.cn	
Amazon SageMaker	api.sagemaker.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon SageMaker Neo	api.sagemaker.cn-northwest-1.amazonaws.com.cn	
Amazon SageMaker Runtime	runtime.sagemaker.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Transcribe Streaming Service	transcribestreaming.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon App Mesh	appmesh.cn-northwest-1.amazonaws.com.cn appmesh-envoy-management.cn-northwest-1.api.amazonwebservices.com.cn appmesh.cn-northwest-1.api.amazonwebservices.com.cn appmesh-envoy-management.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS HTTPS HTTPS
App Mesh SLR	appmesh.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon AppConfig Data	appconfigdata.cn-northwest-1.amazonaws.com.cn	HTTPS
Application Auto Scaling	application-autoscaling.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Athena	athena.cn-northwest-1.amazonaws.com.cn athena.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Aurora Control Plane	aurora-cp.cn-northwest-1.amazonaws.com.cn	
Amazon Aurora	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Aurora PostgreSQL	rds.cn-northwest-1.amazonaws.com.cn	HTTPS
CMCOptimizationsWidget	cmcoptimizationswidget.cn-northwest-1.amazonaws.com.cn	
Capacity Reservation Service Linked Group	capacity-reservation-integration.cn-northwest-1.amazonaws.com.cn	
Amazon Certificate Manager	acm.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Cloud Control API	cloudcontrolapi.cn-northwest-1.amazonaws.com.cn	HTTPS
CloudEndure Migration	cloudenduremigration.cn-northwest-1.amazonaws.com.cn	
Amazon CloudFormation	cloudformation.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CloudFront	cloudfront.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CloudTrail	cloudtrail.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CloudWatch	monitoring.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon CloudWatch Events	events.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CloudWatch Logs	logs.cn-northwest-1.amazonaws.com.cn	HTTPS
CloudWatch Logs Cross-Account Observability	cloudwatchlogs-crossaccountobservability.cn-northwest-1.amazonaws.com.cn	
CloudWatch Logs VPCE	cloudwatchlogs-vpce.cn-northwest-1.amazonaws.com.cn	
CloudWatch Synthetics	synthetics.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CodeCommit	codecommit.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CodeDeploy	codedeploy.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon CodePipeline	codepipeline.cn-northwest-1.amazonaws.com.cn	HTTPS
Compute Optimizer	compute-optimizer.cn-northwest-1.amazonaws.com.cn	HTTPS
Cost and Usage Report	cur.cn-northwest-1.amazonaws.com.cn	HTTPS
DS Console	cn-northwest-1.console.amazonaws.cn/directoryservicev2/home?region=cn-northwest-1	HTTPS
Amazon Database Migration Service	dms.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Direct Connect	directconnect.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Directory Service	ds.cn-northwest-1.amazonaws.com.cn	HTTPS
Directory Service - AD Connector	ds.cn-northwest-1.amazonaws.com.cn	HTTPS
Directory Service - Managed AD	ds.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon DynamoDB	dynamodb.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
DynamoDB Accelerator	dax.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
DynamoDB Contributor Insights	dynamodb-kai.cn-northwest-1.amazonaws.com.cn	
Amazon DynamoDB Streams	streams.dynamodb.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
EBS Console	cn-northwest-1.console.amazonaws.cn/ec2/home?region=cn-northwest-1	HTTPS
EBS Direct APIs	ebs.cn-northwest-1.amazonaws.com.cn ebs.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon EC2 Auto Scaling	autoscaling.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
EC2 Container Service (ECS) Optimized Windows AMIs	ecs-windows-amis.cn-northwest-1.amazonaws.com.cn	
EC2 Dedicated Host Reservations	ec2hostel.cn-northwest-1.amazonaws.com.cn	
EC2 Image Builder	imagebuilder.cn-northwest-1.amazonaws.com.cn	HTTPS
EC2 Instance Connect	ec2-instance-connect.cn-northwest-1.amazonaws.com.cn	HTTPS
EC2 Launch v2	ec2launchv2.cn-northwest-1.amazonaws.com.cn	
EC2 Managed Prefix List Service	ec2-pls.cn-northwest-1.amazonaws.com.cn	HTTPS
EC2 Message Delivery Service	ec2messages.cn-northwest-1.amazonaws.com.cn	HTTPS
EC2 Serial Console	ec2-serial-console.cn-northwest-1.amazonaws.com.cn	
EC2 Spot Advisor	ec2spotadvisor.cn-northwest-1.amazonaws.com.cn	
EC2 Spot Console	cn-northwest-1.console.amazonaws.cn	HTTPS
EC2 Traffic Mirroring	trafficmirroring.cn-northwest-1.amazonaws.com.cn	HTTPS
EC2CustomerMaintenanceEventService	ec2cms.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
EC2VPCEndpointService	ec2-vpce-service.cn-northwest-1.amazonaws.com.cn	
ECS Console	ecs-console.cn-northwest-1.amazonaws.com.cn	
EKS Console	console.cn-northwest-1.amazonaws.com.cn	
EKS OIDC Frontend	oidc.eks.cn-northwest-1.amazonaws.com.cn	
EKSForFargateSlrService	eks-fargate-slr.cn-northwest-1.amazonaws.com.cn	HTTPS
EMR Console	emr-console.cn-northwest-1.amazonaws.com.cn	
Amazon ElastiCache	elasticache.cn-northwest-1.amazonaws.com.cn	HTTPS
ElastiCache Global Datastore for Redis	redis-global-datastore.cn-northwest-1.amazonaws.com.cn	
Amazon Elastic Beanstalk	elasticbeanstalk.cn-northwest-1.amazonaws.com.cn	HTTPS
Elastic Beanstalk Health Service	elasticbeanstalk-health.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Elastic Block Store	ec2.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Elastic Compute Cloud	ec2.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Elastic File System	elasticfilesystem.cn-northwest-1.amazonaws.com.cn elasticfilesystem-fips.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS
Elastic Load Balancing	elasticloadbalancing.cn-northwest-1.amazonaws.com.cn	HTTPS
Elastic Load Balancing - Gateway Load Balancer	elb-agw.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon EMR	elasticmapreduce.cn-northwest-1.amazonaws.com.cn elasticmapreduce.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Elasticache Console	elasticache.console.cn-northwest-1.amazonaws.com.cn	HTTPS
Envoy Management Service (EMS) for Amazon ECS Service Connect	ecs-sc.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS
Amazon EventBridge	events.cn-northwest-1.amazonaws.com.cn	HTTPS
EventBridge API Destinations	eventbridge-api-destinations.cn-northwest-1.amazonaws.com.cn	
EventBridge Archive and Replay	events.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
EventBridge Console	eventbridgeconsole.cn-northwest-1.amazonaws.com.cn	
Amazon Firewall Manager	fms.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon GameLift	gamelift.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon S3 Glacier	glacier.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Glue Console	glue.console.cn-northwest-1.amazonaws.com.cn	HTTPS
GuardDuty Malware Protection	malware-protection.cn-northwest-1.amazonaws.com.cn	
IAM Roles Anywhere	rolesanywhere.cn-northwest-1.amazonaws.com.cn	HTTPS
IAMAdaRuntimeService	iam-ada-runtime-service.cn-northwest-1.amazonaws.com.cn	HTTPS
IPv6	ipv6.cn-northwest-1.amazonaws.com.cn	
Amazon Identity and Access Management	iam.cn-north-1.amazonaws.com.cn	HTTPS
Amazon Snowball	snowball.cn-northwest-1.amazonaws.com.cn snowball-fips.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon IoT	iot.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Key Management Service	kms.cn-northwest-1.amazonaws.com.cn	HTTPS
Kinesis Data Firehose Console	kinesisfirehose-console.cn-northwest-1.amazonaws.com.cn	
Amazon Data Firehose	firehose.cn-northwest-1.amazonaws.com.cn firehose.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Kinesis Data Streams	kinesis.cn-northwest-1.amazonaws.com.cn	HTTPS
Kinesis Streams Console	cn-northwest-1.console.amazonaws.cn/kinesis/home?region=cn-northwest-1	HTTPS
Lake Formation Console	lakeformation.console.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Lambda	lambda.cn-northwest-1.amazonaws.com.cn lambda.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
License Manager Service Linked Group	license-manager-integration.cn-northwest-1.amazonaws.com.cn	
Marketplace	marketplace.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Network Firewall	network-firewall.cn-northwest-1.amazonaws.com.cn	HTTPS
Network Firewall Service Linked Group	network-firewall-integration.cn-northwest-1.amazonaws.com.cn	
Operator	operator.cn-northwest-1.amazonaws.com.cn	HTTPS
OperatorNet	operatornet.cn-northwest-1.amazonaws.com.cn	HTTPS
Organizations CloudFormation Resource Providers	cfn.cn-northwest-1.amazonaws.com.cn	
Performance Insights	pi.cn-northwest-1.amazonaws.com.cn	HTTPS
Pipes	pipes.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Polly	polly.cn-northwest-1.amazonaws.com.cn	HTTPS
RDS Cross-Region Automated Backups	rds-xrab.cn-northwest-1.amazonaws.com.cn	
RIP Service to hold the HostedZone ID for documentation purposes	s3-website.cn-northwest-1.amazonaws.com.cn	HTTP
Recycle Bin Console	cn-northwest-1.console.amazonaws.cn/rbin/home?region=cn-northwest-1	HTTPS
Amazon Redshift	redshift.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Redshift Data API	redshift-data.cn-northwest-1.amazonaws.com.cn redshift-data.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Relational Database Service	rds.cn-northwest-1.amazonaws.com.cn rds.cn-northwest-1.api.amazonwebservices.com.cn	HTTPS HTTPS
Amazon Resource Access Manager	ram.cn-northwest-1.amazonaws.com.cn	HTTPS
Resource Groups	resource-groups.cn-northwest-1.amazonaws.com.cn	HTTPS
Resource Groups Console	console.cn-northwest-1.amazonaws.com.cn	HTTPS
Reverse DNS for Elastic IPs	rdns-eips.cn-northwest-1.amazonaws.com.cn	
Amazon Route 53 Amazon Web Services Integration	api.route53.cn	HTTPS
Amazon Route 53 Application Recovery Controller	route53-application-recovery-controller.cn-northwest-1.amazonaws.com.cn	
Amazon Route 53 Private DNS for VPCs	route53.amazonaws.com.cn	HTTPS
Route 53 Public Control Plane	route53.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Route 53 Public Data Plane	route53.amazonaws.com.cn	HTTPS
Route 53 Resolver DNS Firewall	route53firewall.cn-northwest-1.amazonaws.com.cn	HTTP
Amazon Route 53 Resolver	route53resolver.cn-northwest-1.amazonaws.com.cn	HTTPS
Route 53 Resolver VPC Query Logs	route53resolver-vpc-querylogs.cn-northwest-1.amazonaws.com.cn	HTTPS
Route53 Application Recovery Controller - Zonal Shift	arc-zonal-shift.cn-northwest-1.amazonaws.com.cn	HTTPS
S3 Access Points	s3-accesspoint.cn-northwest-1.amazonaws.com.cn s3-accesspoint.dualstack.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS
S3 Banner	s3-banner.cn-northwest-1.amazonaws.com.cn	HTTPS
S3 Endpoints Service	s3epservice.cn-northwest-1.amazonaws.com.cn	HTTPS
S3IntelligentTiering	s3intelligenttiering.cn-northwest-1.amazonaws.com.cn	
SSM Application Manager	ssm-applicationmanager.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Systems Manager Explorer	ssm-explorer.cn-northwest-1.amazonaws.com.cn	

Amazon Service	China (Ningxia) Endpoint	Protocol
SSM Guiconnect	ssm-guiconnect.cn-northwest-1.amazonaws.com.cn	HTTPS
SSO Console	aws-sso-console.cn-northwest-1.amazonaws.com.cn	HTTPS
SageMaker Clarify (Thundera)	clarify.cn-northwest-1.amazonaws.com.cn	
SageMaker Console	console.cn-northwest-1.amazonaws.com.cn	HTTPS
SageMaker Data Wrangler	sagemaker-data-wrangler.cn-northwest-1.amazonaws.com.cn	
SageMaker Feature Store Runtime	featurestore-runtime.sagemaker.cn-northwest-1.amazonaws.com.cn	HTTPS
SageMaker Projects	projects.cn-northwest-1.amazonaws.com.cn	
SageMaker Repository Service/Model Registry	repositoryservice.cn-northwest-1.amazonaws.com.cn	
SageMaker Yavapai	yavapai.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
SageMakerMetricsService	metrics.sagemaker.cn-northwest-1.amazonaws.com.cn	HTTPS
Schemas	schemas.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Security Token Service	sts.cn-northwest-1.amazonaws.com.cn	HTTPS

Amazon Service	China (Ningxia) Endpoint	Protocol
Service Quotas	servicequotas.cn-northwest-1.amazonaws.com.cn	HTTPS
Service Quotas Console	aws-servicequotas-console.cn-northwest-1.amazonaws.com.cn	
Services Health Dashboard	status.amazonaws.cn	HTTPS
Sign-In Portal	cn-northwest-1.signin.amazonaws.cn	HTTPS
Amazon Simple Notification Service	sns.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon Simple Queue Service	sqs.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS
Amazon S3	s3.cn-northwest-1.amazonaws.com.cn s3.dualstack.cn-northwest-1.amazonaws.com.cn	HTTP and HTTPS HTTP and HTTPS
Amazon Simple Workflow Service	swf.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Storage Gateway	storagegateway.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Web Services Support	support.cn-north-1.amazonaws.com.cn	HTTPS
Three-AZ option for Amazon RDS Multi-AZ deployments (RDS Hermes Clusters)	rds-taz.cn-northwest-1.amazonaws.com.cn	

Amazon Service	China (Ningxia) Endpoint	Protocol
Amazon Transcribe	cn.transcribe.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Transit Gateway	ec2.cn-northwest-1.amazonaws.com.cn	HTTPS
Unified Console	unified-console.cn-northwest-1.amazonaws.com.cn	
Unified Settings Console	upc.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon Virtual Private Cloud Console	cn-northwest-1.console.amazonaws.cn/vpc/home?region=cn-northwest-1	HTTPS
VPC Flow Logs	ec2.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon WorkSpaces	workspaces.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon X-Ray	xray.cn-northwest-1.amazonaws.com.cn	HTTPS
Amazon WAF	waf-regional.cn-northwest-1.amazonaws.com.cn waf-regional-fips.cn-northwest-1.amazonaws.com.cn	HTTPS HTTPS
abs-lod	abs-lod.cn-northwest-1.amazonaws.com.cn	
awsriexpirationalerts	awsriexpirationalerts.cn-northwest-1.amazonaws.com.cn	

Amazon Service	China (Ningxia) Endpoint	Protocol
cloudfront-cloudformation-support	cloudfront-cloudformation-support.cn-northwest-1.amazonaws.com.cn	
ec2containerregistry analytics	ecr-analytics.cn-northwest-1.amazonaws.com.cn	

ARNs for Amazon Web Services in China

In the Beijing and Ningxia Regions, the Amazon Resource Name (ARN) syntax includes a cn.

```
arn:aws-cn
```

If an ARN requires you to specify a region:

- For the Beijing Region, use *cn-north-1*.

  Example for Amazon Relational Database Service:

  ```
  arn:aws-cn:rds:cn-north-1:123456789012:db:mysql-db
  ```

- For the Ningxia Region, use *cn-northwest-1*.

  Example for Amazon Elastic Compute Cloud:

  ```
  arn:aws-cn:ec2:cn-northwest-1:123456789012:volume/vol-1a2b3c4d
  ```

For additional information about ARNs, see Amazon Resource Names (ARNs) in the Amazon Web Services General Reference.

Amazon Developer Tools

Amazon Web Services in China can be accessed programmatically using the Amazon SDKs, the Amazon Command Line Interface (CLI), and other Amazon developer tools. The developer tools are designed to help you build and manage your Amazon Web Services in China applications.

> **Important**
>
> Currently, the Amazon developer tools are available only in English.

Topics

- Amazon SDKs
- Amazon Command Line Tools
- IDE Toolkits

Amazon SDKs

The Amazon SDKs make it easy to work with Amazon APIs in your preferred programming language or platform. The SDKs include sample code, libraries, documentation, templates, sample applications, and other developer tools related to your technology of choice.

To download the Amazon SDKs, go to Tools for Amazon Web Services.

Amazon Command Line Tools

Amazon Web Services offers the Amazon Command Line Interface (CLI), a single tool for controlling and managing multiple Amazon services. For those who script in the Windows PowerShell environment, Amazon Web Services also offers the Amazon Tools for Windows PowerShell.

To download the Amazon CLI or the PowerShell tools, go to Tools for Amazon Web Services.

Before the introduction of the Amazon CLI, service-specific CLI tools were available. Some of the prior, service-specific CLIs are available in the China Regions. If a service-specific CLI is available, it can be downloaded from the appropriate service page. The service pages can be found at Documentation by Service.

IDE Toolkits

Amazon Toolkits are extensions that integrate Amazon Cloud services, resources, and features with a variety of developer environments. These environments include Visual Studio, VS Code, and Azure DevOps. There are also Toolkit extensions available for the JetBrains suite of integrated development environments, including Rider, PyCharm, and DataGrip. You can use these integrations to manage your Amazon Cloud resources and features for Amazon S3, Amazon ECS, Amazon CloudFormation, Amazon Lambda, and Amazon App Runner services—without having to leave your development environment. You can install most toolkit extensions from an IDE's built-in extension browser, reducing the time and attention required for setup. With an intuitive GUI layout, unique features designed to address each IDE's capabilities, and regular releases of new features—Toolkits minimize interruptions to your workflow and maximize the efficiency of your favorite IDEs.

Amazon Web Services in China Support and Other Resources

Amazon Web Services in China offers a variety of support options, including one-on-one troubleshooting, Amazon Trusted Advisor, a discussion forum, and the Service Health Dashboard.

Support Service	Description
Amazon Web Services Support	Amazon Web Services Support is a one-on-one, fast-response support channel that is staffed around the clock by experienc ed technical support engineers. The service helps customers of all sizes and technical abilities to successfully use the products and features provided by Amazon Web Services in China.
Amazon Trusted Advisor	Amazon Trusted Advisor helps you provision your resources by following best practices. Trusted Advisor inspects your Amazon environment and finds opportunities to save money, improve system performance and reliability, or help close security gaps.
Service Health Dashboard	Amazon Web Services in China features a Service Health Dashboard (SHD) that provides access to current status and historical data about every Amazon Web Services in China product. If there's a problem with a service, you'll be able to expand the appropriate line in the Details section and learn more. You can also subscribe to the RSS feed for any service. You can access the SHD at http://status.amazonaws.cn/. The SHD is available in both Chinese and English.

Amazon Web Services Support API

The Amazon Web Services Support API provides access to some of the services that underlie the features of the Amazon Web Services Support Center.

In the Beijing Region, you can use the following endpoint to access the Amazon Web Services Support API:

- https://support.cn-north-1.amazonaws.com.cn

In the Ningxia Region, you can use the following endpoint to access the Amazon Web Services Support API:

- https://support.cn-northwest-1.amazonaws.com.cn

For more information, see Amazon Web Services Support.

Document History

The following table describes the document history for *Getting Started with Amazon Web Services in China*.

Change	Description	Date
Amazon Network Firewall	Amazon Network Firewall is now available in Beijing Region.	February 28, 2024
Amazon Inspector	Amazon Inspector is now available in the Beijing Region and Ningxia Region.	February 7, 2024
Amazon QuickSight	Amazon QuickSight is now available in Beijing Region.	January 25, 2024
Amazon IoT TwinMaker	Amazon IoT TwinMaker is now available in the Beijing Region Region.	January 11, 2024
IAM Identity Center	IAM Identity Center is now available in the Beijing Region and Ningxia Region.	September 19, 2023
Amazon SDK for SAP ABAP	Amazon SDK for SAP ABAP is now available in the China Regions.	August 30, 2023
Amazon Security Hub	Consolidated controls view and consolidated control findings are now available in the Beijing and Ningxia Regions.	August 28, 2023
Amazon Route 53 Application Recovery Controller	Amazon Route 53 Applicati on Recovery Controller is now	August 9, 2023

	available in the Beijing Region and Ningxia Region.	
Amazon Virtual Private Cloud	The Public IP insights feature of Amazon VPC IP Address Manager (IPAM) is available. Public IP insights shows you all public IPv4 addresses used by services in this Region in your account	July 28, 2023
Amazon GuardDuty	Lambda Protection is now available in the Beijing and Ningxia Regions.	July 27, 2023
Savings Plans	Savings Plans is now available in the China Regions.	July 6, 2023
Amazon Lambda	Maximum concurrency for Amazon SQS event sources (ScalingConfig) is now available in the China Regions.	March 31, 2023
Service Quotas	Service Quotas is now available in the Beijing and Ningxia Regions.	February 23, 2023
Amazon Launch Wizard	Amazon Launch Wizard is now available in the Beijing Region and Ningxia Region.	January 19, 2023
Amazon Elastic Container Service	Amazon ECS Service Connect is now available in the Beijing Region and Ningxia Regions.	December 14, 2022

Amazon DataSync	DataSync is an online data transfer service that simplifies, automates, and accelerates moving data between storage systems and services.	December 14, 2022
Amazon Security Hub	Updated feature differences.	December 8, 2022
Amazon Security Hub	Cross-Region aggregation is now partially available in the Beijing and Ningxia Regions.	September 26, 2022
Amazon Managed Workflows for Apache Airflow	Amazon Managed Workflows for Apache Airflow is now available in the Beijing Region and Ningxia Region.	May 16, 2022
Amazon CodePipeline	Amazon CodePipeline is now available in the Beijing Region and Ningxia Region.	February 15, 2022
Amazon MemoryDB for Redis	Amazon MemoryDB for Redis is now available in the Beijing Region and Ningxia Region.	January 27, 2022
Amazon App Mesh	Amazon App Mesh is now available in the Beijing Region and Ningxia Region.	September 29, 2021
Amazon Trusted Advisor	Updated feature differences.	September 10, 2021
Amazon OpenSearch Service	Amazon Elasticsearch Service renamed to Amazon OpenSearch Service.	September 8, 2021
Amazon Firewall Manager	Amazon Firewall Manager is now available in the Beijing Region and Ningxia Region.	August 19, 2021

Amazon Glue DataBrew	Amazon Glue DataBrew is now available in the Beijing and Ningxia Regions.	May 19, 2021
Amazon Compute Optimizer	Amazon Compute Optimizer is now available in the Beijing and Ningxia Regions.	May 5, 2021
Amazon Cloud Control API (Cloud Control API)	Amazon Cloud Control API (Cloud Control API) is now available in the Beijing Region and Ningxia Region.	March 31, 2021
Amazon IoT Greengrass	Amazon IoT Greengrass V2 is now available in the Beijing Region.	March 17, 2021
Amazon MQ	Amazon MQ is now available in the Beijing and Ningxia Regions.	March 15, 2021
Amazon GuardDuty	Amazon GuardDuty is now available in the Beijing and Ningxia Regions.	March 12, 2021
Amazon IoT SiteWise	Amazon IoT SiteWise is now available in the Beijing Region.	February 3, 2021
Amazon DocumentDB	Amazon DocumentDB is now available in the China (Ningxia) Region.	November 23, 2020
Amazon Resource Access Manager	Amazon Resource Access Manager is now available in the Beijing and Ningxia Regions.	November 18, 2020

Amazon IoT Analytics	Amazon IoT Analytics is now available in the Beijing Region.	November 4, 2020
Amazon CloudFormation	Amazon CloudFormation StackSets are now supported in the Beijing and Ningxia Regions.	October 30, 2020
Amazon FSx	Amazon FSx is now available in the Beijing and Ningxia Regions.	October 21, 2020
Amazon Security Hub	Amazon Security Hub is now available in the Beijing and Ningxia Regions.	October 21, 2020
Amazon Cloud Map	Amazon Cloud Map is now available in the Beijing and Ningxia Regions.	October 15, 2020
Amazon Lake Formation	Amazon Lake Formation is now available in the Beijing Region.	October 14, 2020
NICE DCV	NICE DCV is now available in the Beijing and Ningxia Regions.	September 30, 2020
Amazon Account Management	Amazon Account Management is now available in the Beijing and Ningxia Regions.	September 30, 2020
Amazon IoT Events	Amazon IoT Events is now available in the Beijing Region.	September 30, 2020

Amazon Resource Groups	Amazon Resource Groups is now available in the REGION ENTITY.	September 30, 2020
Amazon Keyspaces (for Apache Cassandra)	Amazon Keyspaces (for Apache Cassandra) is now available in the Beijing and Ningxia Regions.	August 19, 2020
Amazon KMS	Importing Key Material is now supported in the Beijing and Ningxia Regions.	August 17, 2020
SAP HANA on Amazon	SAP HANA on Amazon is now available in the Beijing and Ningxia Regions.	August 12, 2020
Amazon Billing and Cost Management	Amazon Billing and Cost Management is now available in the Ningxia Region.	July 15, 2020
EC2 Image Builder	EC2 Image Builder is now available in the Beijing and Ningxia Regions.	July 8, 2020
Amazon Organizations	Amazon Organizations is now available in the Ningxia Region.	June 23, 2020
Amazon Managed Service for Apache Flink	Amazon Managed Service for Apache Flink is now available in the Beijing and Ningxia Regions.	June 10, 2020
Amazon Auto Scaling	Amazon Auto Scaling is now available in the Beijing and Ningxia Regions.	June 3, 2020

Amazon Serverless Application Model	Amazon Serverless Application Model is now available in the Beijing and Ningxia Regions.	May 27, 2020
Amazon Route 53	Amazon Route 53 is now available in the Beijing and Ningxia Regions.	May 13, 2020
Amazon SageMaker	Amazon SageMaker is now available in the Beijing and Ningxia Regions.	April 29, 2020
Amazon Redshift	Amazon Redshift Spectrum is now available in the Beijing and Ningxia Regions.	April 29, 2020
Amazon Deep Learning Containers	Amazon Deep Learning Containers is now available in the Beijing and Ningxia Regions.	April 29, 2020
Amazon CodeCommit	Amazon CodeCommit is now available in the Beijing and Ningxia Regions.	April 23, 2020
Amazon Managed Streaming for Apache Kafka	Amazon MSK is now available in the Beijing and Ningxia Regions.	April 15, 2020
Amazon Glue	Amazon Glue is now available in the Beijing and Ningxia Regions.	April 8, 2020
Amazon WorkSpaces	Updated feature differences.	April 2, 2020
Amazon Backup	Amazon Backup is now available in the Beijing and Ningxia Regions.	March 5, 2020

Amazon Certificate Manager	Amazon Certificate Manager is now available in the Beijing and Ningxia Regions.	March 4, 2020
Amazon Elastic Kubernetes Service	Amazon Elastic Kubernetes Service is now available in the Beijing and Ningxia Regions.	February 26, 2020
Amazon Storage Gateway	Amazon Storage Gateway is now available in the Beijing and Ningxia Regions.	February 5, 2020
Amazon Elastic File System	Amazon Elastic File System is now available in the Beijing and Ningxia Regions.	January 22, 2020
Amazon AppSync	Amazon AppSync is now available in the Beijing Region.	January 22, 2020
Amazon Neptune	Amazon Neptune is now available in the Ningxia Region.	January 15, 2020
Amazon Athena	Amazon Athena is now available in the Ningxia Region.	January 15, 2020
Amazon Serverless Applicati on Repository	Amazon Serverless Applicati on Repository is now available in the Beijing and Ningxia Regions.	January 15, 2020
Amazon Health	Amazon Health is now available in the Beijing and Ningxia Regions.	December 23, 2019

FreeRTOS	FreeRTOS is now available in the Beijing and Ningxia Regions.	December 20, 2019
Amazon X-Ray	Amazon X-Ray is now available in the Beijing and Ningxia Regions.	December 20, 2019
Amazon Glue	Amazon Glue is now available in the China (Ningxia) Region.	December 18, 2019
Amazon Secrets Manager	Amazon Secrets Manager is now available in the Beijing and Ningxia Regions.	December 13, 2019
Amazon WorkSpaces	Amazon WorkSpaces is now available in the Ningxia Region.	November 13, 2019
Amazon EventBridge	Amazon EventBridge is now available in the Beijing and Ningxia Regions.	November 13, 2019
Amazon Transcribe	Amazon Transcribe is now available in the Beijing and Ningxia Regions.	October 9, 2019
Amazon Batch	Amazon Batch is now available in the Beijing and Ningxia Regions.	October 9, 2019
Amazon ParallelCluster	Amazon ParallelCluster is now available in the Beijing and Ningxia Regions.	September 11, 2019
Amazon License Manager	Amazon License Manager is now available in the Beijing and Ningxia Regions.	June 26, 2019

Amazon IoT Greengrass	Amazon IoT Greengrass is now available in the Beijing Region.	June 25, 2019
Application Auto Scaling	Application Auto Scaling is now available in the Beijing and Ningxia Regions.	June 14, 2019
Amazon Web Services Marketplace China	Amazon Web Services Marketplace China is now available in the Beijing and Ningxia Regions.	June 10, 2019
Amazon KMS	Amazon Key Management Service is now available in the Beijing and Ningxia Regions.	June 5, 2019
MediaConvert	AWS Elemental MediaConvert is now available in the Beijing and Ningxia Regions.	April 8, 2019
Amazon CloudFront	Amazon CloudFront is now available in the Beijing and Ningxia Regions.	April 8, 2019
Amazon Step Functions	Amazon Step Functions is now available in the Beijing and Ningxia Regions.	January 17, 2019
Firehose	Amazon Data Firehose is now available in the Beijing and Ningxia Regions.	January 16, 2019
Amazon Polly	Amazon Polly is now available in the Beijing Region.	November 14, 2018
Amazon CodeBuild	Amazon CodeBuild is now available in the Beijing and Ningxia Regions.	October 5, 2018

Amazon GameLift	Amazon GameLift is now available in the Beijing Region.	September 27, 2018
Amazon Database Migration Service	Amazon Database Migration Service is now available in the Beijing and Ningxia Regions.	August 9, 2018
Amazon Web Services Management Console	Amazon Web Services Management Console is now available in the Beijing and Ningxia Regions.	July 19, 2018
Amazon API Gateway	Amazon API Gateway is now available in the Beijing and Ningxia Regions.	June 27, 2018
Amazon Lambda	Amazon Lambda is now available in the Beijing and Ningxia Regions.	June 27, 2018
Amazon Snowball	Amazon Snowball is now available in the Beijing Region.	June 27, 2018
Amazon Directory Service	Amazon Directory Service is now available in the Beijing and Ningxia Regions.	June 20, 2018
Amazon Directory Service	Amazon Directory Service is now available in the Beijing and Ningxia Regions.	June 20, 2018

Amazon Web Services in China	Amazon Web Services in China is now available in the Ningxia Region. This guide has been updated to document differences between the Amazon Web Services in China as currently implemented and described in other product guides and the Ningxia Region.	December 11, 2017
Amazon API Gateway	Amazon API Gateway is now available in the Beijing Region.	November 13, 2017
Amazon Lambda	Amazon Lambda is now available in the Beijing Region.	November 13, 2017
Amazon Cognito	Amazon Cognito is now available in the Beijing Region.	November 8, 2017
Amazon Redshift	Amazon Redshift is now available in the Beijing and Ningxia Regions.	September 18, 2017
Amazon IoT	Amazon IoT is now available in the Beijing Region.	July 12, 2017
Amazon ECS	Amazon Elastic Container Service is now available in the Beijing Region.	July 6, 2017
Amazon ECR	Amazon Elastic Container Registry is now available in the Beijing Region.	July 6, 2017

Amazon CodeDeploy	Amazon CodeDeploy is now available in the Beijing Region.	March 29, 2017
Amazon Config	Amazon Config is now available in the Beijing Region.	October 24, 2016
Amazon Redshift	Amazon Redshift is now available in the Beijing Region.	March 17, 2016
Amazon Kinesis	Amazon Kinesis is now available in the Beijing Region.	July 22, 2015
Amazon CloudTrail	Amazon CloudTrail is now available in the Beijing Region.	June 9, 2015
Amazon Direct Connect	Amazon Direct Connect is now available in the Beijing Region.	April 14, 2015
Initial publication	This is the first publicati on of *Getting Started with Amazon Web Services in China*. This guide provides a general overview of Amazon Web Services in China and document differenc es between the services available in the Beijing Region and services available elsewhere.	April 10, 2014