



User Guide

Cloud Control API



Cloud Control API: User Guide

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What is Amazon Cloud Control API?

Use Amazon Cloud Control API to create, read, update, delete, and list (CRUD-L) your cloud resources that belong to a wide range of Amazon services. With the Cloud Control API standardized set of application programming interfaces (APIs), you can perform CRUD-L operations on any supported resources in your Amazon Web Services account. Using Cloud Control API, you won't have to generate code or scripts specific to each individual service responsible for those resources.

Important

Cloud Control API doesn't support third-party resource types in the China (Beijing) Region or the China (Ningxia) Region.

Topics

- [Are you a first-time Cloud Control API user?](#)
- [Features of Cloud Control API](#)
- [Related services](#)
- [Accessing Cloud Control API](#)
- [How Cloud Control API works](#)

Are you a first-time Cloud Control API user?

If you're a first-time user of Cloud Control API, we recommend that you begin by reading the following sections:

- [Setting up Amazon Cloud Control API](#)
- [Getting started with Cloud Control API](#)

Features of Cloud Control API

Cloud Control API provides you with consistent control over the resources in your Amazon account by offering a standardized way of accessing and provisioning those resources. It provides a uniform

programmatic interface for making calls directly to the various resource types available in your Amazon account, without having to be familiarized with the APIs of the underlying web services.

Related services

Similar to Cloud Control API, Amazon CloudFormation also uses resource types to call underlying web services APIs to provision those resources when you place such a request in your account. However, CloudFormation focuses on providing resource management, by treating infrastructure as code. Using CloudFormation, you can author declarative templates that include multiple resources and their dependencies, and then provision those resources as a *stack*. A stack is a single unit that you then manage through Amazon CloudFormation. You can also centrally manage and provision stacks across multiple Amazon Web Services accounts and Amazon Web Services Regions. To be managed through CloudFormation, a resource must be created as part of a stack or imported into a stack. For more information, see the [Amazon CloudFormation User Guide](#).

Accessing Cloud Control API

Cloud Control API provides API operations for generating create, read, update, delete, and list (CRUD-L) resource requests in addition to tracking and managing those requests. You use the Amazon Command Line Interface (Amazon CLI) for Cloud Control API operations.

The following table shows the Cloud Control API operations you can use to generate CRUD-L resource requests.

API operation	Amazon CLI command
CreateResource	create-resource
DeleteResource	delete-resource
GetResource	get-resource
ListResources	list-resources
UpdateResource	update-resource

The following table shows the Cloud Control API operations that you can use to track and manage resource requests while they're in process.

API operation	Amazon CLI command
CancelResourceRequest	cancel-resource-request
GetResourceRequestStatus	get-resource-request-status
ListResourceRequests	list-resource-requests

How Cloud Control API works

Cloud Control API provides you with centralized control over the resources in your Amazon Web Services account and a consistent way of accessing and provisioning those resources. It provides a uniform programmatic interface for making calls directly to the various resource types available in your Amazon Web Services account.

A *resource type* represents an artifact that can be provisioned through a web service: an Amazon Elastic Compute Cloud (Amazon EC2) instance, an Amazon Relational Database Service (Amazon RDS) database instance, an Amazon Identity and Access Management (IAM) policy, or even an entire web application. Each resource type uses a standardized syntax to support some or all the following lifecycle events: create, read, update, delete, and list (CRUD-L). You can directly invoke these CRUD-L event handlers using Cloud Control API as a consistent set of APIs.

Each resource type is defined by its *resource type schema*. This document is compliant with the [JSON schema](#) open standard, and includes:

- A complete list of each resource property and its associated metadata, including whether the property is required, data type, and value constraints.
- The CRUD-L events that the resource type supports, and the permissions necessary for Cloud Control API to invoke each supported event handler.

When you create or update a resource, you specify JSON that represents the properties and property values you want to set for the resource. Cloud Control API handles the actual calls to the underlying web services to perform the requested changes. For read requests, Cloud Control API returns JSON that represents the current state of the specified resource. For list requests, Cloud Control API returns either the resource identifier or JSON that represents the current state of the specified resources.

You can use Cloud Control API to perform operations on existing resources, even if those resources weren't created using Cloud Control API. For example, you could use Cloud Control API to return property information about each Amazon Lambda function in your Amazon Web Services account.

For a brief tutorial on how to use Cloud Control API to perform resource operations, see [Getting started with Cloud Control API](#).

For more information about resource types and how to use them with Cloud Control API, see [Using Cloud Control API resource types](#).

Setting up Amazon Cloud Control API

To use Amazon Cloud Control API, you'll need to have an Amazon Web Services account in which you have set yourself up as an Amazon Identity and Access Management (IAM) administrator user.

Topics

- [Sign up for Amazon](#)
- [Create an IAM user](#)

Sign up for Amazon

If you do not have an Amazon Web Services account, use the following procedure to create one.

To sign up for Amazon Web Services

1. Open <http://www.amazonaws.cn/> and choose **Sign Up**.
2. Follow the on-screen instructions.

Create an IAM user

Secure IAM users

After you sign up for an Amazon Web Services account, safeguard your administrative user by turning on multi-factor authentication (MFA). For instructions, see [Enable a virtual MFA device for an IAM user \(console\)](#) in the *IAM User Guide*.

To give other users access to your Amazon Web Services account resources, create IAM users. To secure your IAM users, turn on MFA and only give the IAM users the permissions needed to perform their tasks.

For more information about creating and securing IAM users, see the following topics in the *IAM User Guide*:

- [Creating an IAM user in your Amazon Web Services account](#)
- [Access management for Amazon resources](#)
- [Example IAM identity-based policies](#)

Getting started with Cloud Control API

Use this short tutorial to get started performing resource operations with Amazon Cloud Control API. You'll learn the basics of using Cloud Control API to create, read, update, delete, and list resources.

Topics

- [Step 1: Create a resource](#)
- [Step 2: Read \(describe\) a resource](#)
- [Step 3: Update a resource](#)
- [Step 4: List all resources of a certain type](#)
- [Step 5: Delete a resource](#)
- [Next steps](#)

Step 1: Create a resource

For this tutorial, create a resource of type [AWS::Logs::LogGroup](#). Name this log group **CloudControlExample**, and set the retention policy on it to 90 days.

1. In the Amazon Command Line Interface (Amazon CLI), run the `create-resource` command with the following parameters:

- Specify the `type-name` as `AWS::Logs::LogGroup`.
- Specify the `desired-state` as a string containing JSON that sets the desired properties:

```
{"LogGroupName": "CloudControlExample", "RetentionInDays": 90}
```

```
$ aws cloudcontrol create-resource --type-name AWS::Logs::LogGroup \
--desired-state '{"LogGroupName": "CloudControlExample", "RetentionInDays":90}'
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request.

```
{
  "ProgressEvent": {
```

```
        "EventTime": "2024-08-26T22:07:23.347Z",
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "IN_PROGRESS",
        "Operation": "CREATE",
        "Identifier": "CloudControlExample",
        "RequestToken": "758f4a4e-fef4-491a-9b07-123456789012"
    }
}
```

2. To track the status of your resource operation request, run the `get-resource-request-status` command with the following parameter:

- Specify the `request-token` parameter as the `RequestToken` property value returned in the `ProgressEvent` object.

```
$ aws cloudcontrol get-resource-request-status --request-token 758f4a4e-fef4-491a-9b07-123456789012
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request. When Cloud Control API has successfully created the resource, it sets the `OperationStatus` value to `SUCCESS`.

```
{
  "ProgressEvent": {
    "EventTime": "2024-08-26T22:29:23.326Z",
    "TypeName": "AWS::Logs::LogGroup",
    "OperationStatus": "SUCCESS",
    "Operation": "CREATE",
    "Identifier": "CloudControlExample",
    "RequestToken": "758f4a4e-fef4-491a-9b07-123456789012"
  }
}
```

Step 2: Read (describe) a resource

Next, read the current state of the resource you just created.

- In the Amazon CLI, run the `get-resource` command with the following parameter:

- Specify `identifier` as the `identifier` property value returned in the `ProgressEvent` object when you created the resource. In this case, it's `CloudControlExample`, the name you specified for the log group.

```
$ aws cloudcontrol get-resource --type-name AWS::Logs::LogGroup --identifier CloudControlExample
```

Cloud Control API returns detailed information about the resource's current state, including a model of its properties and settings. In this case, this includes a property, `Arn`, that was generated by Amazon CloudWatch Events when the resource was created.

```
{  
    "TypeName": "AWS::Logs::LogGroup",  
    "ResourceDescription": {  
        "Identifier": "CloudControlExample",  
        "ResourceModel": '{"RetentionInDays": 90, "LogGroupName": "CloudControlExample", "Arn": "arn:aws:logs:us-west-2:123456789012:log-group:CloudControlExample:*"}'  
    }  
}
```

Step 3: Update a resource

Next, update your log group to double the retention policy to 180 days.

- In the Amazon CLI, run the `update-resource` command with the following parameter:

- Specify the `type-name` as `AWS::Logs::LogGroup`.
- Specify `identifier` as the `identifier` property value returned in the `ProgressEvent` object when you created the resource. In this case, it's `CloudControlExample`, the name you specified for the log group.
- Specify the `patch-document` parameter as a string containing JSON that represents a replacement operation that updates the retention policy to 180 days.

```
[{"op": "replace", "path": "RetentionInDays", "value": 180}]
```

For detailed information about composing patch documents, see [Composing the patch document](#).

```
$ aws cloudcontrol update-resource --type-name AWS::Logs::LogGroup \
--identifier CloudControlExample \
--patch-document '[{"op": "replace", "path": "RetentionInDays", "value":180}]'
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request.

```
{
    "ProgressEvent": {
        "EventTime": "2024-08-26T22:29:22.547Z",
        "ResourceModel": {
            "RetentionInDays": 180,
            "LogGroupName": "CloudControlExample"
        },
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "IN_PROGRESS",
        "Operation": "UPDATE",
        "Identifier": "CloudControlExample",
        "RequestToken": "2026055d-f21c-4b50-bd40-123456789012"
    }
}
```

- To track the status of your resource operation request, run the `get-resource-request-status` command with the following parameter:
 - Specify the `request-token` parameter as the `RequestToken` property value returned in the `ProgressEvent` object.

```
$ aws cloudcontrol get-resource-request-status --request-token 2026055d-f21c-4b50-bd40-123456789012
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request. When Cloud Control API has successfully updated the resource, it sets the `OperationStatus` value to `SUCCESS`.

```
{
    "ProgressEvent": {
```

```
        "EventTime": "2024-08-26T22:29:23.326Z",
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "SUCCESS",
        "Operation": "UPDATE",
        "Identifier": "CloudControlExample",
        "RequestToken": "2026055d-f21c-4b50-bd40-123456789012"
    }
}
```

Step 4: List all resources of a certain type

Next, use Cloud Control API to discover resources in your Amazon Web Services account.

- In the Amazon CLI, run the `list-resources` command with the following parameter:
 - Specify the `type-name` as `AWS::Logs::LogGroup`.

```
$ aws cloudcontrol list-resources --type-name AWS::Logs::LogGroup
```

Cloud Control API returns a list of the `AWS::Logs::LogGroup` resources in your account, by primary identifier. This includes `CloudControlExample`, the resource you created as part of this tutorial, in addition to any other log groups that already exist in your account. Also, for `AWS::Logs::LogGroup` resources, the information returned by `list-resources` includes the properties for each resource.

```
{
    "TypeName": "AWS::Logs::LogGroup",
    "ResourceDescriptions": [
        {
            "Identifier": "CloudControlExample",
            "Properties": '{"RetentionInDays":180, "LogGroupName": "CloudControlExample", "Arn":"arn:aws:logs:us-west-2:123456789012:log-group:CloudControlExample:*"}'
        },
        {
            "Identifier": "AnotherLogGroupResourceExample",
            "Properties": '{"RetentionInDays": 90, "LogGroupName": "AnotherLogGroupResourceExample", "Arn": "arn:aws:logs:us-west-2:123456789012:log-group:AnotherLogGroupResourceExample:*"}'
        }
    ]
}
```

```
    },
]
```

Step 5: Delete a resource

Finally, delete your log group to clean up from this tutorial.

1. In the Amazon CLI, run the `delete-resource` command with the following parameter:

- Specify the `type-name` as `AWS::Logs::LogGroup`.
- Specify `identifier` as the `identifier` property value returned in the `ProgressEvent` object when you created the resource. In this case, it's `CloudControlExample`, the name you specified for the log group.

```
$ aws cloudcontrol delete-resource --type-name AWS::Logs::LogGroup --identifier CloudControlExample
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request.

```
{
  "ProgressEvent": {
    "EventTime": "2024-08-26T22:50:20.037Z",
    "TypeName": "AWS::Logs::LogGroup",
    "OperationStatus": "IN_PROGRESS",
    "Operation": "DELETE",
    "Identifier": "CloudControlExample",
    "RequestToken": "bb0ed9cd-84f9-44c2-b638-123456789012"
  }
}
```

2. To track the status of your resource operation request, run the `get-resource-request-status` command with the following parameter:
 - Specify the `request-token` parameter as the `RequestToken` property value returned in the `ProgressEvent` object.

```
$ aws cloudcontrol get-resource-request-status --request-token bb0ed9cd-84f9-44c2-b638-123456789012
```

Cloud Control API returns a `ProgressEvent` object that contains information about the status of your resource operation request. When Cloud Control API has successfully deleted the resource, it sets the `OperationStatus` value to `SUCCESS`.

```
{  
    "ProgressEvent": {  
        "EventTime": "2024-08-26T22:50:20.831Z",  
        "TypeName": "AWS::Logs::LogGroup",  
        "OperationStatus": "SUCCESS",  
        "Operation": "DELETE",  
        "Identifier": "CloudControlExample",  
        "RequestToken": "bb0ed9cd-84f9-44c2-b638-123456789012"  
    }  
}
```

Next steps

For detailed information and examples on using Cloud Control API with resources, see [Cloud Control API resource operations](#).

Cloud Control API resource operations

Use Amazon Cloud Control API to do or other command verb construction create, read, update, remove, and list (-L) operations on resources in your Amazon Web Services account.

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- [Specifying credentials for Cloud Control API](#)
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- [Creating a resource with Amazon Cloud Control API](#)
- [Updating a resource with Amazon Cloud Control API](#)
- [Deleting a resource with Amazon Cloud Control API](#)
- [Discovering resources with Amazon Cloud Control API](#)
- [Reading a resource with Amazon Cloud Control API](#)
- [Managing resource operation requests with Amazon Cloud Control API](#)
- [Identifying resources with Amazon Cloud Control API](#)

Prerequisites for using resources with Cloud Control API

To provision a specific resource using Cloud Control API, that resource type must support Cloud Control API and be available for use in your Amazon Web Services account.

- **Resources that support Cloud Control API**

For a list of Amazon resource types that support Cloud Control API, see [Resource types that support Cloud Control API](#).

 **Important**

Cloud Control API doesn't support third-party resource types in the China (Beijing) Region or the China (Ningxia) Region.

For details about how to determine if a specific resource type supports Cloud Control API, see [Determining if a resource type supports Cloud Control API](#).

For information about using resource types, see [Using Cloud Control API resource types](#).

Specifying credentials for Cloud Control API

As part of performing operations on Amazon resources on your behalf, Cloud Control API must make calls to the underlying Amazon services that actually provision those resources. To do so, Cloud Control API requires the necessary credentials to access those services. There are two ways for you to enable Cloud Control API to acquire those credentials:

- **User credentials**

By default, Cloud Control API creates a temporary session using your Amazon user credentials, and uses that to make any necessary calls to downstream Amazon services. This session lasts up to 24 hours, after which any remaining calls to Amazon by Cloud Control API will fail.

- **Service role credentials**

You can also specify a service role for Cloud Control API to assume during a resource operation, when you make the resource request. Among other advantages, specifying a service role enables Cloud Control API to make calls to underlying Amazon services for up to 36 hours.

To use a service role, specify the `RoleArn` parameter of the resource operation request.

Because the Cloud Control API actions are part of the Amazon CloudFormation service, the service role you specify is assumed by the CloudFormation service (`cloudformation.amazonaws.com`). For more information, see [Amazon CloudFormation service role](#) in the *Amazon CloudFormation User Guide*.

The permissions required for each resource handler are defined in the `handlers` section of that resource type's schema. For more information about viewing the resource schema, see [Viewing resource type schemas](#). The `handlers` section is defined in the [resource type definition schema](#).

Ensuring resource operation requests are unique when using Cloud Control API

As a best practice, we strongly recommend you specify an idempotency token with create, delete, and update resource operation requests. Preferably, specify a token that will be unique for every request, such as an universally unique identifier (UUID). Such a token ensures requests can be disambiguated in cases where a request must be retried.

The `create-resource`, `delete-resource`, and `update-resource` operations all take a `client-token` parameter, which can be set to an idempotency token.

Considerations when using Cloud Control API

We recommend that you take the following service behavior into account when performing resource operations using Cloud Control API:

- Cloud Control API performs each resource operation individually and independently of any other resource operations.
- A single resource operation request to Cloud Control API might actually consist of multiple calls to the underlying service that provisions the resource. Because of this, a resource request might fail when only partially completed, resulting in only some of the requested changes being applied to the resource.
- If a resource operation fails at any point, Cloud Control API doesn't roll back the resource to its previous state.
- You can only perform one resource operation at a time on a given resource using Cloud Control API. However, the resource can still be operated on directly, through the underlying service that provisioned it. We strongly recommend against this approach because it may lead to unpredictable behavior.

Creating a resource with Amazon Cloud Control API

Use the `create-resource` command to create a resource.

Composing the desired state of the resource

For Cloud Control API to create a resource, you must specify the *desired state* of the resource you want to create. The desired state consists of a listing of the resource properties that you want to specify, and their desired values.

The properties of a resource are defined in its resource type schema. This includes whether the property is required, valid values, and other property constraints. For more information about viewing resource property definitions, see [Viewing resource type schemas](#).

The desired state that you specify must be valid against the resource type schema.

As an example, suppose you wanted to create an [AWS::Logs::LogGroup](#) resource with a specific name and a retention policy of 90 days. As a first step, you must compose the desired state of the resource, formatted as JSON text.

```
{  
  "LogGroupName": "CloudApiLogGroup",  
  "RetentionInDays": 90  
}
```

When you call the `create-resource` command, you can pass the desired state directly inline as a string, or, for more complicated desired state definitions, specify a file location.

The following Amazon Command Line Interface (Amazon CLI) command creates the resource and specifies in the desired-state parameter that the `RetentionInDays` property of the resource is set to 90, in addition to specifying the log group name.

```
$ aws cloudcontrol create-resource --type-name AWS::Logs::LogGroup \  
  --desired-state '{"LogGroupName": "CloudApiLogGroup", "RetentionInDays":90}'
```

Tracking the progress of a create resource request

The `create-resource` command returns a `ProgressEvent` object that you can use to monitor the current status of your resource create request. For more information, see [Tracking the progress of resource operation requests](#).

Updating a resource with Amazon Cloud Control API

Use the `update-resource` command to make updates to an existing resource. This includes resources that weren't originally provisioned using Cloud Control API.

Important

We strongly advise against using Cloud Control API to update resources that are under active management by other services. Doing so can lead to unexpected results. For example, don't use Cloud Control API to update resources that are currently part of an Amazon CloudFormation stack.

To update an existing resource, you must specify the resource's identifier. For more information about determining a resource's identifier, see [Using a resource's primary identifier](#).

Updating a resource entails changing resource property values. The properties of a resource are defined in its resource type schema. This includes whether the property is required, valid values, and other property constraints. For more information about viewing resource property definitions, see [Viewing resource type schemas](#).

Composing the patch document

To update a resource, you first define the updates as a list of *patch operations* contained in a JSON patch document. This patch document must adhere to the standard defined in [RFC 6902 - JavaScript Object Notation \(JSON\) Patch](#).

Each patch operation defines a single update to a specific resource property. The following properties are required:

- `op`: The operation type. Cloud Control API supports all operations defined in RFC 6902: `add`, `remove`, `replace`, `move`, `copy`, and `test`.
- `path`: The path to the resource property, relative to the `properties` section of the resource schema.

Depending on the operation, additional properties may be required. Refer to RFC 6902 for specifics.

When using the `update-resource` command, you can specify the patch document inline as a string, or specify a file location.

The following example updates the retention policy of an [AWS::Logs::LogGroup](#) resource named `CloudControlApiLogGroup` to 90 days.

```
$ aws cloudcontrol update-resource --type-name AWS::Logs::LogGroup \
--identifier CloudControlApiLogGroup \
--patch-document '[{"op":"replace","path":"RetentionInDays","value":90}]'
```

How Cloud Control API updates resources

To update a resource, Cloud Control API first retrieves the current state of the resource and then updates the resource in a two-step process:

- Cloud Control API combines the patch operations specified in the update request with the current state of the resource, to generate the desired state of the resource after it's updated. Operations are applied sequentially in the order that they appear in the patch document. Each operation in the sequence is applied to the resource's current state; the resulting resource state becomes the target of the next operation.

At this point, the entire update request fails if:

- A patch operation included in the request is invalid.
- A patch operation of op type test fails.

In such cases, the entire update request fails and Cloud Control API makes no updates to the resource.

- Cloud Control API then calls the update handler of the resource type to update the resource.

If the update handler fails at any point, *Cloud Control API does not roll back the resource to its previous state.*

For example, consider the following patch document that is defined to update an [AWS::Logs::LogGroup](#) resource. The document contains two patch operations. The first operation is of type test and checks to see if the resource's retention policy is set to 3653 days. If that is the case, the resource passes the test and Cloud Control API proceeds to the next operation. This operation replaces the current retention policy value with 180 days. If the resource's retention

policy is set to a value of other than 3653 days, the first test operation fails and Cloud Control API never runs the second replace operation.

```
[  
 {  
   "op": "test",  
   "path": "/RetentionInDays",  
   "value":3653  
 },  
 {  
   "op": "replace",  
   "path": "/RetentionInDays",  
   "value":180  
 }  
 ]
```

Tracking the progress of an update resource request

The `update-resource` command returns a `ProgressEvent` object that you can use to track the current status of your resource operation request. For more information, see [Tracking the progress of resource operation requests](#).

Deleting a resource with Amazon Cloud Control API

Use the `delete-resource` command to delete an existing resource. You can delete the resource whether or not the resource was originally provisioned using Cloud Control API.

Important

We strongly advise against using Cloud Control API to delete resources that are under active management by other services. Doing so can lead to unexpected results. For example, don't use Cloud Control API to delete resources that are currently part of an Amazon CloudFormation stack.

To update an existing resource, you must specify the resource's identifier. For more information about finding a resource's identifier, see [Using a resource's primary identifier](#).

The follow example deletes an `AWS::Logs::LogGroup` resource with the name of `CloudControlApiLogGroup`.

```
$ aws cloudcontrol delete-resource \
--type-name AWS::Logs::LogGroup --identifier CloudControlApiLogGroup
```

Tracking the progress of a delete resource request

The `delete-resource` command returns a `ProgressEvent` object that you can use to track the current status of your resource operation request. For more information, see [Tracking the progress of resource operation requests](#).

Discovering resources with Amazon Cloud Control API

Use the `list-resources` command to discover the resources currently provisioned in your Amazon Web Services account and Amazon Web Services Region. This includes all resources of the specified resource type, regardless of whether they were provisioned through Cloud Control API, directly through the underlying service, or other mechanism (such as being part of an Amazon CloudFormation stack).

The information returned for each resource includes:

- The resource's primary identifier.
- Optionally, it may include the *part or all* resource's properties, detailing the current state of the resource. For more information, see [Viewing resource type schemas](#).

The follow example returns a list of `AWS::Logs::LogGroup` resources.

```
$ aws cloudcontrol list-resources --type-name AWS::Logs::LogGroup
```

Cloud Control API returns a list of the resources in your account of the specified resource type. For the example, `list-resources` returns the primary identifier and resource properties of all `AWS::Logs::LogGroup` resources in your account, regardless of whether they were provisioned by Cloud Control API. The returned information resembles the following, depending on the resources in your account.

```
{
  "TypeName": "AWS::Logs::LogGroup",
  "ResourceDescriptions": [
    [
      {
        "Identifier": "CloudControlApiLogGroup"
      }
    ]
  ]
}
```

```
{  
    "Identifier": "CloudControlExample",  
    "Properties": '{"RetentionInDays":180, "LogGroupName": "CloudControlExample",  
"Arn": "arn:aws-cn:logs:us-west-2:123456789012:log-group:CloudControlExample:*"}'  
},  
{  
    "Identifier": "AnotherLogGroupResourceExample",  
    "Properties": '{"RetentionInDays":90, "LogGroupName":  
"AnotherLogGroupResourceExample", "Arn": "arn:aws-cn:logs:us-west-2:123456789012:log-  
group:AnotherLogGroupResourceExample:*"}'  
}  
]  
}
```

The follow example requests a list of AWS::Kinesis::Stream resources.

```
$ aws cloudcontrol list-resources --type-name AWS::Kinesis::Stream
```

For Kinesis streams, Cloud Control API returns the primary identifier of each stream, along with a *subset* of the resource properties. In this case, just a single property, Name. You could then use a stream's primary identifier with get-resource to request the resource's full current state.

```
{  
    "TypeName": "AWS::Kinesis::Stream",  
    "ResourceDescriptions": [  
        {  
            "Identifier": "MyKinesisStream",  
            "Properties": '{"Name": "MyKinesisStream"}'  
        },  
        {  
            "Identifier": "AnotherStream",  
            "Properties": '{"Name": "AnotherStream"}'  
        }  
    ]  
}
```

Resources that require additional information

Certain resources require that you provide additional information about the resources that you want to list as part of your request. In these cases, you must use the ResourceModel parameter to specify these properties.

The table below lists these resources, and the properties you to specify in the `ResourceModel` parameter during list requests.

Resources	Required properties
AWS::ApiGateway::DocumentationVersion	RestApiId
AWS::ApiGateway::Step	RestApiId
AWS::CloudFormation::ResourceVersion	TypeArn or TypeName
AWS::CustomerProfiles::Integration	DomainName
AWS::CustomerProfiles::ObjectType	DomainName
AWS::EC2::TransitGatewayMulticastGroupMember	TransitGatewayMulticastDomainId
AWS::EC2::TransitGatewayMulticastGroupSource	TransitGatewayMulticastDomainId
AWS::ECS::TaskSet	Cluster, Service, and ID
AWS::EKS::AddOn	ClusterName
AWS::EKS::FargateProfile	ClusterName
AWS::ElasticLoadBalancingV2::Listener	LoadBalancerArn
AWS::ElasticLoadBalancingV2::ListenerRule	ListenerArn
AWS::Glue::Attach::SchemaVersion	<ul style="list-style-type: none"> • SchemaDefinition , Schema/RegistryName , and Schema/SchemaName

Resources	Required properties
	<ul style="list-style-type: none"> • SchemaDefinition and Schema/SchemaArn
AWS::Glue::Attach::SchemaVersionMetadata	SchemaVersionId
AWS::IoTSiteWise::AccessPolicy	<ul style="list-style-type: none"> • /AccessPolicyResource /Portal • /AccessPolicyResource /Project
AWS::IoTSiteWise::Dashboard	ProjectId
AWS::IoTSiteWise::Project	PortalId
AWS::Kendra::DataSource	IndexId
AWS::Kendra::Faq	IndexId
AWS::MediaConnect::FlowElement	FlowArn
AWS::MediaConnect::FlowOutput	FlowArn
AWS::MediaConnect::FlowSource	FlowArn
AWS::MediaConnect::FlowVpcInterface	FlowArn
AWS::MediaPackage::Asset	PackagingGroupId
AWS::MediaPackage::PackagingConfiguration	PackagingGroupId
AWS::NetworkFirewall::LoggingConfiguration	<ul style="list-style-type: none"> • FirewallArn • FirewallName
AWS::QuickSight::Analysis	AwsAccountId
AWS::QuickSight::Dashboard	AwsAccountId

Resources	Required properties
AWS::QuickSight::DataSet	AwsAccountId
AWS::QuickSight::DataSource	AwsAccountId
AWS::QuickSight::Template	AwsAccountId
AWS::QuickSight::Theme	AwsAccountId
AWS::RDS::DBProxyTargetGroup	DBProxyName
AWS::S3Outposts::AccessPoint	Bucket
AWS::S3Outposts::Bucket	OutpostId
AWS::SSO::Assignment	InstanceArn , PermissionSetArn , PrincipalId , PrincipalType , TargetId, and TargetType
AWS::SSO::InstanceAccessControlAttributeConfiguration	InstanceArn
AWS::SSO::PermissionSet	InstanceArn and PermissionSetArn
AWS::WAFv2::WebACL	Scope

Reading a resource with Amazon Cloud Control API

Using a resource's primary identifier, you can call the `get-resource` command to retrieve detailed information about the resource. For information about retrieving a resource's primary identifier, see [Identifying resources with Amazon Cloud Control API](#).

The information returned by `get-resource` includes the resource's schema, which details the current state of the resource, including property values, supported events, and necessary permissions. For more information, see [Viewing resource type schemas](#).

The following example returns the current state of an AWS::Logs::LogGroup resource named LogGroupResourceExample. For AWS::Logs::LogGroup resources, the name of a log group is its primary identifier.

```
$ aws cloudcontrol get-resource --type-name AWS::Logs::LogGroup --identifier LogGroupResourceExample
```

Managing resource operation requests with Amazon Cloud Control API

Because resource operations are asynchronous, resource requests such as `create-resource` and `update-resource` return a `ProgressEvent` object that contains information about the current state of your resource create or update request.

For example, a resource create request might initially return the following `ProgressEvent` object.

```
{
    "ProgressEvent": {
        "EventTime": "2021-08-09T18:17:15.219Z",
        "TypeName": "AWS::Logs::LogGroup",
        "OperationStatus": "IN_PROGRESS",
        "Operation": "CREATE",
        "Identifier": "LogGroupResourceExample",
        "RequestToken": "5f40c577-3534-4b20-9599-0b0123456789"
    }
}
```

The information returned in the `ProgressEvent` object includes a request token that you can then use to track or cancel a resource operation request.

 **Note**

Resource operation requests expire after seven days.

Listing active resource operation requests

Use the `list-resource-requests` command to return a list of active resource operation requests for an Amazon Web Services account and Amazon Web Services Region. You can filter the list by request type and status.

Resource operation requests expire after seven days.

The following example returns active resource operation requests, but it filters out any resource create requests that are still in progress.

```
$ aws cloudcontrol list-resource-requests --resource-request-status-filter \
    Operations=CREATE,OperationStatuses=IN_PROGRESS
```

The information returned for each resource operation includes a request token that you can then use to track or cancel a resource operation request.

```
{
  "ResourceRequestStatusSummaries": [
    {
      "EventTime": "2021-08-09T18:17:16.591Z",
      "TypeName": "AWS::Logs::LogGroup",
      "OperationStatus": "SUCCESS",
      "Operation": "CREATE",
      "Identifier": "LogGroupResourceExample",
      "RequestToken": "5f40c577-3534-4b20-9599-0b0123456789"
    }
  ]
}
```

Tracking the progress of resource operation requests

Use the `get-resource-request-status` command to track the progress of your resource operation request. This command takes the request token included in the `ProgressEvent` object generated during the initial resource operation request. (You can also retrieve the request token for a resource operation request using the `list-resource-requests` command.) The `get-resource-request-status` command returns an updated `ProgressEvent` object containing information on the current state of the request.

See the following example.

```
$ aws cloudcontrol get-resource-request-status \
--request-token 5f40c577-3534-4b20-9599-0b0123456789
```

Cancelling resource operation requests

Use the `cancel-resource-request` command to cancel a resource operation request that is currently in progress. Because you can only perform a single operation on a given resource at a time, there might be cases where you need to cancel the current resource operation to make the resource available so that another operation may be performed on it.

Cancelling a resource request does not guarantee that Cloud Control API can immediately cancel all resource operations. Rather, Cloud Control API will stop making further calls to the resource event handler. A single resource operation request to Cloud Control API might actually consist of multiple calls to the underlying service that provisions the resource. Because of this, canceling a resource operation request might leave the request partially completed, resulting in only some of the requested changes being applied to the resource. Cloud Control API doesn't roll back the resource to its previous state.

Only resource operations requests with a status of `PENDING` or `IN_PROGRESS` can be canceled.

 **Note**

Although calling `CancelResourceRequest` cancels operations performed by Cloud Control API, it doesn't terminate any asynchronous operations that may have already started on downstream services.

Identifying resources with Amazon Cloud Control API

Every resource type has a property that is defined as its *primary identifier*. The value of this property must be unique for each resource of that type in a given Amazon Web Services account and Amazon Web Services Region. For example, many resource types include a `Name` property that must be unique for each resource of that type. In some cases, the primary identifier is defined as a combination of multiple properties that together form a unique identifier. By using this primary identifier, combined with the resource type, you can specify exactly which resource on which you want to perform resource operations such as `update-resource` or `delete-resource`.

In addition, some resource types define *secondary identifiers* that can also be used to uniquely identify resources of that type.

To determine which resource property (or combination of properties) is the primary identifier for a resource type, refer to the `primaryIdentifier` attribute of the resource type schema. The schema includes secondary identifiers defined, as well. For more information, see [Viewing resource type schemas](#).

Getting a resource's primary identifier

You can find the identifier *value* for a specific resource by using Cloud Control API commands. Each of the following commands returns a `ProgressEvent` object that contains the primary identifier of the specified resources:

- `cancel-resource-request`
- `create-resource`
- `get-resource-request-status`
- `list-resource-requests`

Using a resource's primary identifier

When using Cloud Control API commands, you can specify the primary identifier or any secondary identifier defined for the resource type in its resource schema. You can only specify one identifier. Primary identifiers can be specified as a string or JSON; secondary identifiers must be specified as JSON.

For compound primary identifiers (that is, one that consists of multiple resource properties strung together), to specify the primary identifier as a string, list the property values *in the order that they are specified* in the primary identifier definition, separated by `|`.

For example, the primary identifier for the resource is defined as:

```
"primaryIdentifier": [ "/properties/DatabaseName", "/properties/TableName" ]
```

So, to specify the primary identifier of a resource as a string, you use the following format.

DatabaseName | TableName

For example, given a database with a database name of MyDatabase and table name of MyTable, you specify MyDatabase | MyTable.

For compound identifiers specified as JSON, property order is not required, as shown in the following example.

```
{  
    "TableName": "MyTable",  
    "DatabaseName": "MyDatabase"  
}
```

For more information about resource identifiers, see [primaryidentifier](#) in the *CloudFormation Command Line Interface User Move for Extension Development*.

Using Cloud Control API resource types

Important

Cloud Control API doesn't support third-party resource types in the China (Beijing) Region or the China (Ningxia) Region..

The *extension registry* is a feature of Amazon CloudFormation that contains detailed information about the resource types available for use in your account. Using the registry, you can manage the resource types in your account, including:

- View the available resource types.
- Set account-level configuration properties of a resource type, if it has any.

You can also use the Amazon CloudFormation registry to view a resource type's schema, which contains important information about how to use the resource with Cloud Control API, such as property definitions and permission requirements. For more information, see [Viewing resource type schemas](#).

The registry is available through the CloudFormation console, in addition to the CloudFormation API.

Note

Not all resource types listed in the CloudFormation registry currently support Cloud Control API. For more information, see [Determining if a resource type supports Cloud Control API](#).

For more information about resource type management options, see [Using the CloudFormation registry](#) in the *Amazon CloudFormation User Guide*.

Managing resource types using the Amazon CloudFormation API

In addition to accessing the extension registry through the Amazon CloudFormation console, you can use operations included in the Amazon CloudFormation API to identify and manage the resource types in your account. The table below lists the API operations that you can use to discover and configure the resource types available in your account.

CloudFormation API operation	Amazon CLI command	Description	
DescribeType	describe-type	Returns detailed information about a resource type.	
ListTypes	list-types	Returns summary information about a resource type.	

Determining if a resource type supports Cloud Control API

By default, Amazon resource types published in the registry automatically support Cloud Control API resource operations. However, the Amazon CloudFormation registry also contains legacy resource types, classified as *non-provisionable*. These resource types don't currently support Cloud Control API, and you can't use them in resource operations.

Important

Cloud Control API doesn't support third-party resource types in the China (Beijing) Region or the China (Ningxia) Region..

For a list of the Amazon public resource types that currently support Cloud Control API resource operations, see [Resource types that support Cloud Control API](#).

You can also use the Amazon Command Line Interface (Amazon CLI) to generate a list of supported resource types or to determine if a specific resource type supports Cloud Control API.

Generating a list of supported resources using the Amazon CLI

- Use the `list-types` command, with the following parameters:
 - `type` – Specify `RESOURCE` to select only resource types.
 - `visibility` – Specify `PUBLIC` to select public resources.
 - `provisioning-type` – Specify `FULLY_MUTABLE` or `IMMUTABLE` to select only those resource types that are provisionable.

For example, the following command selects the first 100 public resource types that are fully mutable from the CloudFormation registry.

```
$ aws cloudformation list-types \
--type RESOURCE --visibility PUBLIC \
--provisioning-type FULLY_MUTABLE --max-results 100
```

Determining if a specific resource type supports Cloud Control API using the Amazon CLI

- Use the `describe-type` command to return details of the resource type.

Resource types with a `ProvisioningType` of either `FULLY_MUTABLE` or `IMMUTABLE` support Cloud Control API resource operations.

The following example returns details of the `AWS::Logs::LogGroup` resource type.

```
$ aws cloudformation describe-type \
--type RESOURCE --type-name AWS::Logs::LogGroup
```

Viewing resource type schemas

During resource create and update operations, you specify which resource properties to set and their values. The properties of a resource are defined in its *resource type schema*. This includes data type, whether the property is required, valid values, and other property constraints.

You can view a resource type's schema using the CloudFormation console or the Amazon CLI. In addition, the *Amazon CloudFormation User Guide* contains reference topics for each available resource type that Amazon publishes. For detailed information about resource type properties, in

addition to usage examples, see the corresponding topics in the [Amazon resource and property types reference](#) section.

Note

Not all resource types listed in the *Amazon CloudFormation User Guide* are available for use with Cloud Control API. To determine if a resource type is available, see [Resource types that support Cloud Control API](#).

For detailed information about the resource type definition schema, which defines how resource type schema can be authored, see [Resource type definition schema](#) in the *CloudFormation CLI User Guide for Extension Development*.

For information about how to view an existing resource's current state, which includes its current property values, see [Reading a resource with Amazon Cloud Control API](#).

Viewing a resource type schema using the Amazon CloudFormation console

1. Sign in to the Amazon Web Services Management Console and open the Amazon CloudFormation console at <https://console.amazonaws.cn/cloudformation>.
2. In the **CloudFormation** navigation pane, under **Registry**, select **Activated extensions**.
3. On the **Resource types** tab, select the resource type that you want to view the resource schema of.

CloudFormation displays the resource type details page. The resource schema is displayed on the **Schema** tab.

Viewing a resource type schema using the Amazon CLI

- Run [describe-type](#).

In the returned output, the Schema structure contains the resource type schema.

For example, the following command returns information about the AWS::Logs::LogGroup resource type.

```
$ aws cloudformation describe-type \
--type RESOURCE --type-name AWS::Logs::LogGroup
```

Viewing resource property attributes

Resource type properties are defined in the `properties` section of the resource type schema. This includes the property data type, whether the property is required, and any constraints such as allowable values or required patterns.

In addition, certain attributes set at the resource level govern when or if a property can be specified. This includes:

- Properties defined as `required` must be specified in the desired state during resource creation.
- Properties defined as `createOnlyProperties` can be set by users, but only during resource creation.
- Properties defined as `readOnlyProperties` can't be set by users.
- Properties defined as `writeOnlyProperties` can be specified by users when creating or updating a resource but can't be returned during a read or list request.

Viewing supported resource operations

You can determine which operations a resource type supports by referring to the `handlers` section of its resource type schema. If the resource type supports an operation, it's listed in the `handlers` section, and it contains a `permissions` element that lists the permissions that the handler requires.

For example, below is the `handlers` section of the resource type schema for the `AWS::Logs::LogGroup` resource type. This section shows that this resource type supports all five resource operations, and lists the permissions that each handler requires.

```
"handlers": {  
    "create": {  
        "permissions": [  
            "logs:DescribeLogGroups",  
            "logs>CreateLogGroup",  
            "logs:PutRetentionPolicy"  
        ]  
    },  
    "read": {  
        "permissions": [  
            "logs:DescribeLogGroups"  
        ]  
    }  
}
```

```
},
"update": {
  "permissions": [
    "logs:DescribeLogGroups",
    "logs:AssociateKmsKey",
    "logs:DisassociateKmsKey",
    "logs:PutRetentionPolicy",
    "logs:DeleteRetentionPolicy"
  ]
},
"delete": {
  "permissions": [
    "logs:DescribeLogGroups",
    "logs:DeleteLogGroup"
  ]
},
"list": {
  "permissions": [
    "logs:DescribeLogGroups"
  ]
}
}
```

Resource types that support Cloud Control API

The following table lists the public resource types published by Amazon that currently support Amazon Cloud Control API, organized by service. Each resource type name links to the corresponding reference topic for that resource type in the [Resource and property types reference](#) section of the *Amazon CloudFormation User Guide*.

 **Important**

Cloud Control API doesn't support third-party resource types in the China (Beijing) Region or the China (Ningxia) Region.

For information about how to determine if a specific resource type supports Cloud Control API, see [Determining if a resource type supports Cloud Control API](#). For more information about using resource types, see [Using Cloud Control API resource types](#).

Table last updated: June 26, 2025

Resource	Create	Read	Update	Delete	List
AWS::AccessAnalyzer::Analyzer	Create	Read	Update	Delete	List
AWS::ACMPCA::Certificate	Create	Read		Delete	
AWS::ACMPCA::CertificateAuthority	Create	Read	Update	Delete	List
AWS::ACMPCA::CertificateAuthorityActivation	Create	Read	Update	Delete	
AWS::ACMPCA::Permission	Create	Read		Delete	
AWS::AmazonMQ::Configuration	Create	Read	Update	Delete	List
AWS::Amplify::App	Create	Read	Update	Delete	List
AWS::Amplify::Branch	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Amplify::Domain	Create	Read	Update	Delete	List
AWS::AmplifyUIBuilder::Component	Create	Read	Update	Delete	List
AWS::AmplifyUIBuilder::Form	Create	Read	Update	Delete	List
AWS::AmplifyUIBuilder::Theme	Create	Read	Update	Delete	List
AWS::ApiGateway::Account	Create	Read	Update	Delete	
AWS::ApiGateway::ApiKey	Create	Read	Update	Delete	List
AWS::ApiGateway::Authorizer	Create	Read	Update	Delete	List
AWS::ApiGateway::BasePathMapping	Create	Read	Update	Delete	List
AWS::ApiGateway::BasePathMappingV2	Create	Read	Update	Delete	List
AWS::ApiGateway::ClientCertificate	Create	Read	Update	Delete	List
AWS::ApiGateway::Deployment	Create	Read	Update	Delete	List
AWS::ApiGateway::DocumentationPart	Create	Read	Update	Delete	List
AWS::ApiGateway::DocumentationVersion	Create	Read	Update	Delete	List
AWS::ApiGateway::DomainName	Create	Read	Update	Delete	List
AWS::ApiGateway::DomainNameAccessAssociation	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::ApiGateway::DomainNameV2	Create	Read	Update	Delete	List
AWS::ApiGateway::GatewayResponse	Create	Read	Update	Delete	List
AWS::ApiGateway::Method	Create	Read	Update	Delete	
AWS::ApiGateway::Model	Create	Read	Update	Delete	List
AWS::ApiGateway::RequestValidator	Create	Read	Update	Delete	List
AWS::ApiGateway::Resource	Create	Read	Update	Delete	List
AWS::ApiGateway::RestApi	Create	Read	Update	Delete	List
AWS::ApiGateway::Stage	Create	Read	Update	Delete	List
AWS::ApiGateway::UsagePlan	Create	Read	Update	Delete	List
AWS::ApiGateway::UsagePlanKey	Create	Read		Delete	List
AWS::ApiGateway::VpcLink	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Api	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::ApiMapping	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Authorizer	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Deployment	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::DomainName	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Integration	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::IntegrationResponse	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Model	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::Route	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::RouteResponse	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::RoutingRule	Create	Read	Update	Delete	List
AWS::ApiGatewayV2::VpcLink	Create	Read	Update	Delete	List
AWS::AppConfig::Application	Create	Read	Update	Delete	List
AWS::AppConfig::ConfigurationProfile	Create	Read	Update	Delete	List
AWS::AppConfig::Deployment	Create	Read		Delete	List
AWS::AppConfig::DeploymentStrategy	Create	Read	Update	Delete	List
AWS::AppConfig::Environment	Create	Read	Update	Delete	List
AWS::AppConfig::Extension	Create	Read	Update	Delete	List
AWS::AppConfig::ExtensionAssociation	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::AppConfig::HostedConfigurationVersion	Create	Read		Delete	List
AWS::AppFlow::Connector	Create	Read	Update	Delete	List
AWS::AppFlow::ConnectorProfile	Create	Read	Update	Delete	List
AWS::AppFlow::Flow	Create	Read	Update	Delete	List
AWS::AppIntegrations::Application	Create	Read	Update	Delete	List
AWS::AppIntegrations::DataIntegration	Create	Read	Update	Delete	List
AWS::AppIntegrations::EventIntegration	Create	Read	Update	Delete	List
AWS::ApplicationAutoScaling::ScalableTarget	Create	Read	Update	Delete	List
AWS::ApplicationAutoScaling::ScalingPolicy	Create	Read	Update	Delete	List
AWS::ApplicationInsights::Application	Create	Read	Update	Delete	List
AWS::ApplicationSignals::Discovery	Create	Read	Update	Delete	List
AWS::ApplicationSignals::ServiceLevelObjective	Create	Read	Update	Delete	List
AWS::AppRunner::AutoScalingConfiguration	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::AppRunner::ObservabilityConfiguration	Create	Read		Delete	List
AWS::AppRunner::Service	Create	Read	Update	Delete	List
AWS::AppRunner::VpcConnector	Create	Read		Delete	List
AWS::AppRunner::VpcIngressConnection	Create	Read	Update	Delete	List
AWS::AppStream::AppBlock	Create	Read	Update	Delete	
AWS::AppStream::AppBlockBuilder	Create	Read	Update	Delete	List
AWS::AppStream::Application	Create	Read	Update	Delete	
AWS::AppStream::ApplicationEntitlementAssociation	Create	Read		Delete	
AWS::AppStream::ApplicationFleetAssociation	Create	Read		Delete	
AWS::AppStream::DirectoryConfig	Create	Read	Update	Delete	List
AWS::AppStream::Entitlement	Create	Read	Update	Delete	
AWS::AppStream::ImageBuilder	Create	Read		Delete	List
AWS::AppSync::Api	Create	Read	Update	Delete	List
AWS::AppSync::ChannelNamespace	Create	Read	Update	Delete	List
AWS::AppSync::DataSource	Create	Read	Update	Delete	List
AWS::AppSync::DomainName	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::AppSync::DomainNameAssociation	Create	Read	Update	Delete	
AWS::AppSync::FunctionConfiguration	Create	Read	Update	Delete	List
AWS::AppSync::GraphQLApi	Create	Read	Update	Delete	List
AWS::AppSync::Resolver	Create	Read	Update	Delete	List
AWS::AppSync::SourceApiAssociation	Create	Read	Update	Delete	List
AWS::AppTest::TestCase	Create	Read	Update	Delete	List
AWS::APS::RuleGroupsNamespace	Create	Read	Update	Delete	List
AWS::APS::Scraper	Create	Read	Update	Delete	List
AWS::APS::Workspace	Create	Read	Update	Delete	List
AWS::ARCZonalShift::AutoshiftObserverNotificationStatus	Create	Read		Delete	List
AWS::ARCZonalShift::ZonalAutoshiftConfiguration	Create	Read	Update	Delete	List
AWS::Athena::CapacityReservation	Create	Read	Update	Delete	List
AWS::Athena::DataCatalog	Create	Read	Update	Delete	List
AWS::Athena::NamedQuery	Create	Read		Delete	List
AWS::Athena::PreparedStatement	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Athena::WorkGroup	Create	Read	Update	Delete	List
AWS::AuditManager::Assessment	Create	Read	Update	Delete	List
AWS::AutoScaling::AutoScalingGroup	Create	Read	Update	Delete	List
AWS::AutoScaling::LaunchConfiguration	Create	Read		Delete	List
AWS::AutoScaling::LifecycleHook	Create	Read	Update	Delete	List
AWS::AutoScaling::ScalingPolicy	Create	Read	Update	Delete	List
AWS::AutoScaling::ScheduledAction	Create	Read	Update	Delete	List
AWS::AutoScaling::WarmPool	Create	Read	Update	Delete	List
AWS::B2BI::Capability	Create	Read	Update	Delete	List
AWS::B2BI::Partnership	Create	Read	Update	Delete	List
AWS::B2BI::Profile	Create	Read	Update	Delete	List
AWS::B2BI::Transformer	Create	Read	Update	Delete	List
AWS::Backup::BackupPlan	Create	Read	Update	Delete	List
AWS::Backup::BackupSelection	Create	Read		Delete	List
AWS::Backup::BackupVault	Create	Read	Update	Delete	List
AWS::Backup::Framework	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Backup::LogicallyAirGappedBackupVault	Create	Read	Update	Delete	List
AWS::Backup::ReportPlan	Create	Read	Update	Delete	List
AWS::Backup::RestoreTestingPlan	Create	Read	Update	Delete	List
AWS::Backup::RestoreTestingSelection	Create	Read	Update	Delete	List
AWS::BackupGateway::Hypervisor	Create	Read	Update	Delete	List
AWS::Batch::ComputeEnvironment	Create	Read	Update	Delete	List
AWS::Batch::ConsumableResource	Create	Read	Update	Delete	List
AWS::Batch::JobDefinition	Create	Read	Update	Delete	List
AWS::Batch::JobQueue	Create	Read	Update	Delete	List
AWS::Batch::SchedulingPolicy	Create	Read	Update	Delete	List
AWS::BCMDDataExports::Export	Create	Read	Update	Delete	List
AWS::Bedrock::Agent	Create	Read	Update	Delete	List
AWS::Bedrock::AgentAlias	Create	Read	Update	Delete	List
AWS::Bedrock::ApplicationInferenceProfile	Create	Read	Update	Delete	List
AWS::Bedrock::Blueprint	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Bedrock::DataAutomationProject	Create	Read	Update	Delete	List
AWS::Bedrock::DataSource	Create	Read	Update	Delete	List
AWS::Bedrock::Flow	Create	Read	Update	Delete	List
AWS::Bedrock::FlowAlias	Create	Read	Update	Delete	List
AWS::Bedrock::FlowVersion	Create	Read	Update	Delete	List
AWS::Bedrock::Guardrail	Create	Read	Update	Delete	List
AWS::Bedrock::GuardrailVersion	Create	Read		Delete	
AWS::Bedrock::IntelligentPromptRouter	Create	Read	Update	Delete	List
AWS::Bedrock::KnowledgeBase	Create	Read	Update	Delete	List
AWS::Bedrock::Prompt	Create	Read	Update	Delete	List
AWS::Bedrock::PromptVersion	Create	Read		Delete	List
AWS::BillingConductor::BillingGroup	Create	Read	Update	Delete	List
AWS::BillingConductor::CustomerLineItem	Create	Read	Update	Delete	List
AWS::BillingConductor::PricePlan	Create	Read	Update	Delete	List
AWS::BillingConductor::PriceRule	Create	Read	Update	Delete	List
AWS::Budgets::BudgetsAction	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Cassandra::Keyspace	Create	Read	Update	Delete	List
AWS::Cassandra::Table	Create	Read	Update	Delete	List
AWS::Cassandra::Type	Create	Read		Delete	List
AWS::CE::AnomalyMonitor	Create	Read	Update	Delete	List
AWS::CE::AnomalySubscription	Create	Read	Update	Delete	List
AWS::CE::CostCategory	Create	Read	Update	Delete	List
AWS::CertificateManager::Account	Create	Read	Update	Delete	
AWS::Chatbot::CustomAction	Create	Read	Update	Delete	List
AWS::Chatbot::MicrosoftTeamsChannelConfiguration	Create	Read	Update	Delete	List
AWS::Chatbot::SlackChannelConfiguration	Create	Read	Update	Delete	List
AWS::CleanRooms::AnalysisTemplate	Create	Read	Update	Delete	List
AWS::CleanRooms::Collaboration	Create	Read	Update	Delete	List
AWS::CleanRooms::ConfiguredTable	Create	Read	Update	Delete	List
AWS::CleanRooms::ConfiguredTableAssociation	Create	Read	Update	Delete	List
AWS::CleanRooms::IdMappingTable	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CleanRooms::IdNameSpaceAssociation	Create	Read	Update	Delete	List
AWS::CleanRooms::Membership	Create	Read	Update	Delete	List
AWS::CleanRooms::PrivacyBudgetTemplate	Create	Read	Update	Delete	List
AWS::CleanRoomsML::TrainingDataset	Create	Read	Update	Delete	List
AWS::CloudFormation::GuardHook	Create	Read	Update	Delete	List
AWS::CloudFormation::HookDefaultVersion	Create	Read	Update	Delete	List
AWS::CloudFormation::HookTypeConfig	Create	Read	Update	Delete	List
AWS::CloudFormation::HookVersion	Create	Read		Delete	List
AWS::CloudFormation::LambdaHook	Create	Read	Update	Delete	List
AWS::CloudFormation::ModuleDefaultVersion	Create	Read		Delete	List
AWS::CloudFormation::ModuleVersion	Create	Read		Delete	
AWS::CloudFormation::PublicTypeVersion	Create	Read		Delete	List
AWS::CloudFormation::Publisher	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CloudFormation::ResourceDefaultVersion	Create	Read	Update	Delete	List
AWS::CloudFormation::ResourceVersion	Create	Read		Delete	List
AWS::CloudFormation::Stack	Create	Read	Update	Delete	List
AWS::CloudFormation::StackSet	Create	Read	Update	Delete	List
AWS::CloudFormation::TypeActivation	Create	Read	Update	Delete	List
AWS::CloudFront::AnycastIpList	Create	Read		Delete	List
AWS::CloudFront::CachePolicy	Create	Read	Update	Delete	List
AWS::CloudFront::CloudFrontOriginAccessIdentity	Create	Read	Update	Delete	List
AWS::CloudFront::ConnectionGroup	Create	Read	Update	Delete	List
AWS::CloudFront::ContinuousDeploymentPolicy	Create	Read	Update	Delete	List
AWS::CloudFront::Distribution	Create	Read	Update	Delete	List
AWS::CloudFront::DistributionTenant	Create	Read	Update	Delete	List
AWS::CloudFront::Function	Create	Read	Update	Delete	List
AWS::CloudFront::KeyGroup	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CloudFront::KeyValueStore	Create	Read	Update	Delete	List
AWS::CloudFront::MonitoringSubscription	Create	Read		Delete	
AWS::CloudFront::OriginAccessControl	Create	Read	Update	Delete	List
AWS::CloudFront::OriginRequestPolicy	Create	Read	Update	Delete	List
AWS::CloudFront::PublicKey	Create	Read	Update	Delete	List
AWS::CloudFront::RealtimeLoggingConfig	Create	Read	Update	Delete	List
AWS::CloudFront::ResponseHeadersPolicy	Create	Read	Update	Delete	List
AWS::CloudFront::VpcOrigin	Create	Read	Update	Delete	List
AWS::CloudTrail::Channel	Create	Read	Update	Delete	List
AWS::CloudTrail::Dashboard	Create	Read	Update	Delete	List
AWS::CloudTrail::EventDataStore	Create	Read	Update	Delete	List
AWS::CloudTrail::ResourcePolicy	Create	Read	Update	Delete	
AWS::CloudTrail::Trail	Create	Read	Update	Delete	List
AWS::CloudWatch::Alarm	Create	Read	Update	Delete	List
AWS::CloudWatch::CompositeAlarm	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CloudWatch::Dashboard	Create	Read	Update	Delete	List
AWS::CloudWatch::MetricStream	Create	Read	Update	Delete	List
AWS::CodeArtifact::Domain	Create	Read	Update	Delete	List
AWS::CodeArtifact::PackageGroup	Create	Read	Update	Delete	List
AWS::CodeArtifact::Repository	Create	Read	Update	Delete	List
AWS::CodeBuild::Fleet	Create	Read	Update	Delete	List
AWS::CodeConnections::Connection	Create	Read	Update	Delete	List
AWS::CodeDeploy::Application	Create	Read	Update	Delete	List
AWS::CodeDeploy::DeploymentConfig	Create	Read		Delete	List
AWS::CodeGuruProfiler::ProfilingGroup	Create	Read	Update	Delete	List
AWS::CodeGuruReviewer::RepositoryAssociation	Create	Read		Delete	List
AWS::CodePipeline::CustomActionType	Create	Read	Update	Delete	List
AWS::CodePipeline::Pipeline	Create	Read	Update	Delete	List
AWS::CodeStarConnections::Connection	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CodeStarConnections::RepositoryLink	Create	Read	Update	Delete	List
AWS::CodeStarConnections::SyncConfiguration	Create	Read	Update	Delete	List
AWS::CodeStarNotifications::NotificationRule	Create	Read	Update	Delete	List
AWS::Cognito::IdentityPool	Create	Read	Update	Delete	List
AWS::Cognito::IdentityPoolPrincipalTag	Create	Read	Update	Delete	List
AWS::Cognito::IdentityPoolRoleAttachment	Create	Read	Update	Delete	List
AWS::Cognito::LogDeliveryConfiguration	Create	Read	Update	Delete	
AWS::Cognito::ManagedLoginBranding	Create	Read	Update	Delete	
AWS::Cognito::UserPool	Create	Read	Update	Delete	List
AWS::Cognito::UserPoolClient	Create	Read	Update	Delete	List
AWS::Cognito::UserPoolDomain	Create	Read	Update	Delete	
AWS::Cognito::UserPoolGroup	Create	Read	Update	Delete	List
AWS::Cognito::UserPoolIdentityProvider	Create	Read	Update	Delete	List
AWS::Cognito::UserPoolResourceServer	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Cognito::UserPoolRiskConfigurationAttachment	Create	Read	Update	Delete	
AWS::Cognito::UserPoolUICustomizationAttachment	Create	Read	Update	Delete	
AWS::Cognito::UserPoolUser	Create	Read		Delete	List
AWS::Cognito::UserPoolUserToGroupAttachment	Create	Read		Delete	
AWS::Comprehend::DocumentClassifier	Create	Read	Update	Delete	List
AWS::Comprehend::Flywheel	Create	Read	Update	Delete	List
AWS::Config::AggregationAuthorization	Create	Read	Update	Delete	List
AWS::Config::ConfigRule	Create	Read	Update	Delete	List
AWS::Config::ConfigurationAggregator	Create	Read	Update	Delete	List
AWS::Config::ConformancePack	Create	Read	Update	Delete	List
AWS::Config::OrganizationConformancePack	Create	Read	Update	Delete	List
AWS::Config::StoredQuery	Create	Read	Update	Delete	List
AWS::Connect::AgentStatus	Create	Read	Update	Delete	List
AWS::Connect::ApprovedOrigin	Create	Read	Update	Delete	List
AWS::Connect::ContactFlow	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Connect::ContactFlowModule	Create	Read	Update	Delete	List
AWS::Connect::ContactFlowVersion	Create	Read	Update	Delete	List
AWS::Connect::EmailAddress	Create	Read	Update	Delete	List
AWS::Connect::EvaluationForm	Create	Read	Update	Delete	List
AWS::Connect::HoursOfOperation	Create	Read	Update	Delete	List
AWS::Connect::Instance	Create	Read	Update	Delete	List
AWS::Connect::InstanceStorageConfig	Create	Read	Update	Delete	List
AWS::Connect::IntegrationAssociation	Create	Read	Update	Delete	List
AWS::Connect::PhoneNumber	Create	Read	Update	Delete	List
AWS::Connect::PredefinedAttribute	Create	Read	Update	Delete	List
AWS::Connect::Prompt	Create	Read	Update	Delete	List
AWS::Connect::Queue	Create	Read	Update	Delete	List
AWS::Connect::QuickConnect	Create	Read	Update	Delete	List
AWS::Connect::RoutingProfile	Create	Read	Update	Delete	List
AWS::Connect::Rule	Create	Read	Update	Delete	
AWS::Connect::SecurityKey	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Connect::SecurityProfile	Create	Read	Update	Delete	List
AWS::Connect::TaskTemplate	Create	Read	Update	Delete	List
AWS::Connect::TrafficDistributionGroup	Create	Read	Update	Delete	List
AWS::Connect::User	Create	Read	Update	Delete	List
AWS::Connect::UserHierarchyGroup	Create	Read	Update	Delete	List
AWS::Connect::UserHierarchyStructure	Create	Read	Update	Delete	
AWS::Connect::View	Create	Read	Update	Delete	List
AWS::Connect::ViewVersion	Create	Read	Update	Delete	List
AWS::ConnectCampaigns::Campaign	Create	Read	Update	Delete	List
AWS::ConnectCampaignsV2::Campaign	Create	Read	Update	Delete	List
AWS::ControlTower::EnabledBaseline	Create	Read	Update	Delete	List
AWS::ControlTower::EnabledControl	Create	Read	Update	Delete	List
AWS::ControlTower::LandingZone	Create	Read	Update	Delete	List
AWS::CUR::ReportDefinition	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::CustomerProfiles::CalculatedAttributeDefinition	Create	Read	Update	Delete	List
AWS::CustomerProfiles::Domain	Create	Read	Update	Delete	List
AWS::CustomerProfiles::EventStream	Create	Read	Update	Delete	List
AWS::CustomerProfiles::EventTrigger	Create	Read	Update	Delete	List
AWS::CustomerProfiles::Integration	Create	Read	Update	Delete	List
AWS::CustomerProfiles::ObjectType	Create	Read	Update	Delete	List
AWS::CustomerProfiles::SegmentDefinition	Create	Read	Update	Delete	List
AWS::DataBrew::Dataset	Create	Read	Update	Delete	List
AWS::DataBrew::Job	Create	Read	Update	Delete	List
AWS::DataBrew::Project	Create	Read	Update	Delete	List
AWS::DataBrew::Recipe	Create	Read	Update	Delete	List
AWS::DataBrew::Ruleset	Create	Read	Update	Delete	List
AWS::DataBrew::Schedule	Create	Read	Update	Delete	List
AWS::DataPipeline::Pipeline	Create	Read	Update	Delete	List
AWS::DataSync::Agent	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::DataSync::LocationAzureBlob	Create	Read	Update	Delete	List
AWS::DataSync::LocationEFS	Create	Read	Update	Delete	List
AWS::DataSync::LocationFSx Lustre	Create	Read	Update	Delete	List
AWS::DataSync::LocationFSx0 NTAP	Create	Read	Update	Delete	List
AWS::DataSync::LocationFSx0 openZFS	Create	Read	Update	Delete	List
AWS::DataSync::LocationFSxWindows	Create	Read	Update	Delete	List
AWS::DataSync::LocationHDFS	Create	Read	Update	Delete	List
AWS::DataSync::LocationNFS	Create	Read	Update	Delete	List
AWS::DataSync::LocationObjectStorage	Create	Read	Update	Delete	List
AWS::DataSync::LocationS3	Create	Read	Update	Delete	List
AWS::DataSync::LocationSMB	Create	Read	Update	Delete	List
AWS::DataSync::Task	Create	Read	Update	Delete	List
AWS::DataZone::Connection	Create	Read	Update	Delete	List
AWS::DataZone::DataSource	Create	Read	Update	Delete	List
AWS::DataZone::Domain	Create	Read	Update	Delete	List
AWS::DataZone::DomainUnit	Create	Read	Update	Delete	List
AWS::DataZone::Environment	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::DataZone::EnvironmentActions	Create	Read	Update	Delete	List
AWS::DataZone::EnvironmentBlueprintConfiguration	Create	Read	Update	Delete	List
AWS::DataZone::EnvironmentProfile	Create	Read	Update	Delete	List
AWS::DataZone::GroupProfile	Create	Read	Update	Delete	List
AWS::DataZone::Owner	Create	Read		Delete	List
AWS::DataZone::Project	Create	Read	Update	Delete	List
AWS::DataZone::ProjectMembership	Create	Read	Update	Delete	List
AWS::DataZone::ProjectProfile	Create	Read	Update	Delete	List
AWS::DataZone::SubscriptionTarget	Create	Read	Update	Delete	List
AWS::DataZone::UserProfile	Create	Read	Update	Delete	List
AWS::Deadline::Farm	Create	Read	Update	Delete	List
AWS::Deadline::Fleet	Create	Read	Update	Delete	List
AWS::Deadline::LicenseEndpoint	Create	Read	Update	Delete	List
AWS::Deadline::Limit	Create	Read	Update	Delete	List
AWS::Deadline::MeteredProduct	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Deadline::Monitor	Create	Read	Update	Delete	List
AWS::Deadline::Queue	Create	Read	Update	Delete	List
AWS::Deadline::QueueEnvironment	Create	Read	Update	Delete	List
AWS::Deadline::QueueFleetAssociation	Create	Read		Delete	List
AWS::Deadline::QueueLimitAssociation	Create	Read		Delete	List
AWS::Deadline::StorageProfile	Create	Read	Update	Delete	List
AWS::Detective::Graph	Create	Read	Update	Delete	List
AWS::Detective::MemberInvitation	Create	Read	Update	Delete	List
AWS::Detective::OrganizationAdmin	Create	Read	Update	Delete	List
AWS::DeviceFarm::DevicePool	Create	Read	Update	Delete	List
AWS::DeviceFarm::InstanceProfile	Create	Read	Update	Delete	List
AWS::DeviceFarm::NetworkProfile	Create	Read	Update	Delete	List
AWS::DeviceFarm::Project	Create	Read	Update	Delete	List
AWS::DeviceFarm::TestGridProject	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::DeviceFarm::VPCEConfiguration	Create	Read	Update	Delete	List
AWS::DevOpsGuru::LogAnomalyDetectionIntegration	Create	Read	Update	Delete	List
AWS::DevOpsGuru::NotificationChannel	Create	Read		Delete	List
AWS::DevOpsGuru::ResourceCollection	Create	Read	Update	Delete	List
AWS::DirectoryService::SimpleAD	Create	Read	Update	Delete	List
AWS::DMS::DataMigration	Create	Read	Update	Delete	List
AWS::DMS::DataProvider	Create	Read	Update	Delete	List
AWS::DMS::InstanceProfile	Create	Read	Update	Delete	List
AWS::DMS::MigrationProject	Create	Read	Update	Delete	List
AWS::DMS::ReplicationConfig	Create	Read	Update	Delete	List
AWS::DocDBElastic::Cluster	Create	Read	Update	Delete	List
AWS::DSQL::Cluster	Create	Read	Update	Delete	List
AWS::DynamoDB::GlobalTable	Create	Read	Update	Delete	List
AWS::DynamoDB::Table	Create	Read	Update	Delete	List
AWS::EC2::CapacityReservation	Create	Read	Update	Delete	List
AWS::EC2::CapacityReservationFleet	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::CarrierGateway	Create	Read	Update	Delete	List
AWS::EC2::CustomerGateway	Create	Read	Update	Delete	List
AWS::EC2::DHCPOptions	Create	Read	Update	Delete	List
AWS::EC2::EC2Fleet	Create	Read	Update	Delete	List
AWS::EC2::EgressOnlyInternetGateway	Create	Read	Update	Delete	List
AWS::EC2::EIP	Create	Read	Update	Delete	List
AWS::EC2::EIPAssociation	Create	Read		Delete	List
AWS::EC2::EnclaveCertificateIamRoleAssociation	Create	Read		Delete	List
AWS::EC2::FlowLog	Create	Read	Update	Delete	List
AWS::EC2::GatewayRouteTableAssociation	Create	Read	Update	Delete	
AWS::EC2::Host	Create	Read	Update	Delete	List
AWS::EC2::Instance	Create	Read	Update	Delete	List
AWS::EC2::InstanceConnectEndpoint	Create	Read	Update	Delete	List
AWS::EC2::InternetGateway	Create	Read	Update	Delete	List
AWS::EC2::IPAM	Create	Read	Update	Delete	List
AWS::EC2::IPAMAllocation	Create	Read		Delete	List
AWS::EC2::IPAMPool	Create	Read	Update	Delete	List
AWS::EC2::IPAMPoolCidr	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
<u>AWS::EC2::IPAMResourceDiscoveryAssociation</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::IPAMResourceDiscoveryAssociationAssociation</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::IPAMScope</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::KeyPair</u>	Create	Read		Delete	List
<u>AWS::EC2::LaunchTemplate</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::LocalGatewayRouteTable</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::LocalGatewayRouteTableVirtualInterfaceGroupAssociation</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::LocalGatewayRouteTableVPCAssociation</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::NatGateway</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::NetworkAcl</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::NetworkAclEntry</u>	Create		Update	Delete	
<u>AWS::EC2::NetworkInsightsAccessScope</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::NetworkInsightsAccessScopeAnalysis</u>	Create	Read	Update	Delete	List
<u>AWS::EC2::NetworkInsightsAnalysis</u>	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::NetworkInsightsPath	Create	Read	Update	Delete	List
AWS::EC2::NetworkInterface	Create	Read	Update	Delete	List
AWS::EC2::NetworkInterfaceAttachment	Create	Read	Update	Delete	List
AWS::EC2::NetworkPerformanceMetricSubscription	Create	Read		Delete	List
AWS::EC2::PlacementGroup	Create	Read		Delete	List
AWS::EC2::PrefixList	Create	Read	Update	Delete	List
AWS::EC2::Route	Create	Read	Update	Delete	List
AWS::EC2::RouteServer	Create	Read	Update	Delete	List
AWS::EC2::RouteServerAssociation	Create	Read		Delete	List
AWS::EC2::RouteServerEndpoint	Create	Read	Update	Delete	List
AWS::EC2::RouteServerPeer	Create	Read	Update	Delete	List
AWS::EC2::RouteServerPropagation	Create	Read		Delete	List
AWS::EC2::RouteTable	Create	Read	Update	Delete	List
AWS::EC2::SecurityGroup	Create	Read	Update	Delete	List
AWS::EC2::SecurityGroupEgress	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::SecurityGroupIngress	Create	Read	Update	Delete	List
AWS::EC2::SecurityGroupVpcAssociation	Create	Read		Delete	List
AWS::EC2::SnapshotBlockPublicAccess	Create	Read	Update	Delete	List
AWS::EC2::SpotFleet	Create	Read	Update	Delete	List
AWS::EC2::Subnet	Create	Read	Update	Delete	List
AWS::EC2::SubnetCidrBlock	Create	Read		Delete	List
AWS::EC2::SubnetNetworkAclAssociation	Create	Read		Delete	List
AWS::EC2::SubnetRouteTableAssociation	Create	Read		Delete	List
AWS::EC2::TrafficMirrorFilter	Create	Read	Update	Delete	List
AWS::EC2::TrafficMirrorFilterRule	Create	Read	Update	Delete	List
AWS::EC2::TransitGateway	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayAttachment	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayConnect	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayMulticastDomain	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayMulticastDomainAssociation	Create	Read		Delete	List
AWS::EC2::TransitGatewayMulticastGroupMember	Create	Read		Delete	List
AWS::EC2::TransitGatewayMulticastGroupSource	Create	Read		Delete	List
AWS::EC2::TransitGatewayPeeringAttachment	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayRoute	Create	Read		Delete	List
AWS::EC2::TransitGatewayRouteTable	Create	Read	Update	Delete	List
AWS::EC2::TransitGatewayRouteTableAssociation	Create	Read		Delete	List
AWS::EC2::TransitGatewayRouteTablePropagation	Create	Read		Delete	List
AWS::EC2::TransitGatewayVpcAttachment	Create	Read	Update	Delete	List
AWS::EC2::VerifiedAccessEndpoint	Create	Read	Update	Delete	List
AWS::EC2::VerifiedAccessGroup	Create	Read	Update	Delete	List
AWS::EC2::VerifiedAccessInstance	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::VerifiedAccessTrustProvider	Create	Read	Update	Delete	List
AWS::EC2::Volume	Create	Read	Update	Delete	List
AWS::EC2::VolumeAttachment	Create	Read		Delete	List
AWS::EC2::VPC	Create	Read	Update	Delete	List
AWS::EC2::VPCBlockPublicAccessExclusion	Create	Read	Update	Delete	List
AWS::EC2::VPCBlockPublicAccessOptions	Create	Read	Update	Delete	
AWS::EC2::VPCCidrBlock	Create	Read		Delete	List
AWS::EC2::VPCDHCPOptionsAssociation	Create	Read	Update	Delete	List
AWS::EC2::VPCEndpoint	Create	Read	Update	Delete	List
AWS::EC2::VPCEndpointConnectionNotification	Create	Read	Update	Delete	List
AWS::EC2::VPCEndpointService	Create	Read	Update	Delete	List
AWS::EC2::VPCEndpointServicePermissions	Create	Read	Update	Delete	List
AWS::EC2::VPGatewayAttachment	Create	Read	Update	Delete	List
AWS::EC2::VPCPeeringConnection	Create	Read	Update	Delete	List
AWS::EC2::VPNConnection	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EC2::VPNConnectionRoute	Create	Read		Delete	List
AWS::EC2::VPNGateway	Create	Read	Update	Delete	List
AWS::EC2::VPNGatewayRoutePropagation	Create		Update	Delete	
AWS::ECR::PublicRepository	Create	Read	Update	Delete	List
AWS::ECR::PullThroughCacheRule	Create	Read	Update	Delete	List
AWS::ECR::RegistryPolicy	Create	Read	Update	Delete	List
AWS::ECR::RegistryScanningConfiguration	Create	Read	Update	Delete	List
AWS::ECR::ReplicationConfiguration	Create	Read	Update	Delete	List
AWS::ECR::Repository	Create	Read	Update	Delete	List
AWS::ECR::RepositoryCreationTemplate	Create	Read	Update	Delete	List
AWS::ECS::CapacityProvider	Create	Read	Update	Delete	List
AWS::ECS::Cluster	Create	Read	Update	Delete	List
AWS::ECS::ClusterCapacityProviderAssociations	Create	Read	Update	Delete	List
AWS::ECS::PrimaryTaskSet	Create	Read	Update	Delete	
AWS::ECS::Service	Create	Read	Update	Delete	List
AWS::ECS::TaskDefinition	Create	Read	Update	Delete	List
AWS::ECS::TaskSet	Create	Read	Update	Delete	

Resource	Create	Read	Update	Delete	List
AWS::EFS::AccessPoint	Create	Read	Update	Delete	List
AWS::EFS::FileSystem	Create	Read	Update	Delete	List
AWS::EFS::MountTarget	Create	Read	Update	Delete	List
AWS::EKS::AccessEntry	Create	Read	Update	Delete	List
AWS::EKS::Addon	Create	Read	Update	Delete	List
AWS::EKS::Cluster	Create	Read	Update	Delete	List
AWS::EKS::FargateProfile	Create	Read	Update	Delete	List
AWS::EKS::IdentityProviderConfig	Create	Read	Update	Delete	List
AWS::EKS::Nodegroup	Create	Read	Update	Delete	List
AWS::EKS::PodIdentityAssociation	Create	Read	Update	Delete	List
AWS::ElastiCache::GlobalReplicationGroup	Create	Read	Update	Delete	List
AWS::ElastiCache::ParameterGroup	Create	Read	Update	Delete	List
AWS::ElastiCache::ServerlessCache	Create	Read	Update	Delete	List
AWS::ElastiCache::SubnetGroup	Create	Read	Update	Delete	List
AWS::ElastiCache::User	Create	Read	Update	Delete	List
AWS::ElastiCache::UserGroup	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::ElasticBeanstalk::Application	Create	Read	Update	Delete	List
AWS::ElasticBeanstalk::ApplicationVersion	Create	Read	Update	Delete	List
AWS::ElasticBeanstalk::ConfigurationTemplate	Create	Read	Update	Delete	List
AWS::ElasticBeanstalk::Environment	Create	Read	Update	Delete	List
AWS::ElasticLoadBalancingV2::Listener	Create	Read	Update	Delete	List
AWS::ElasticLoadBalancingV2::ListenerRule	Create	Read	Update	Delete	List
AWS::ElasticLoadBalancingV2::LoadBalancer	Create	Read	Update	Delete	List
AWS::ElasticLoadBalancingV2::TargetGroup	Create	Read	Update	Delete	List
AWS::ElasticLoadBalancingV2::TrustStore	Create	Read	Update	Delete	List
AWS::ElasticLoadBalancingV2::TrustStoreRevocation	Create	Read		Delete	List
AWS::EMR::SecurityConfiguration	Create	Read		Delete	List
AWS::EMR::Step	Create	Read		Delete	
AWS::EMR::Studio	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EMR::StudioSessionMapping	Create	Read	Update	Delete	List
AWS::EMR::WALWorkspace	Create	Read	Update	Delete	List
AWS::EMRContainers::VirtualCluster	Create	Read	Update	Delete	List
AWS::EMRServerless::Application	Create	Read	Update	Delete	List
AWS::EntityResolution::IdMappingWorkflow	Create	Read	Update	Delete	List
AWS::EntityResolution::IdNamespace	Create	Read	Update	Delete	List
AWS::EntityResolution::MatchingWorkflow	Create	Read	Update	Delete	List
AWS::EntityResolution::PolicyStatement	Create	Read	Update	Delete	List
AWS::EntityResolution::SchemaMapping	Create	Read	Update	Delete	List
AWS::Events::ApiDestination	Create	Read	Update	Delete	List
AWS::Events::Archive	Create	Read	Update	Delete	List
AWS::Events::Connection	Create	Read	Update	Delete	List
AWS::Events::Endpoint	Create	Read	Update	Delete	List
AWS::Events::EventBus	Create	Read	Update	Delete	List
AWS::Events::Rule	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::EventSchemas::Discoverer	Create	Read	Update	Delete	List
AWS::EventSchemas::Registry	Create	Read	Update	Delete	List
AWS::EventSchemas::RegistryPolicy	Create	Read	Update	Delete	
AWS::EventSchemas::Schema	Create	Read	Update	Delete	List
AWS::Evidently::Experiment	Create	Read	Update	Delete	
AWS::Evidently::Feature	Create	Read	Update	Delete	
AWS::Evidently::Launch	Create	Read	Update	Delete	
AWS::Evidently::Project	Create	Read	Update	Delete	
AWS::Evidently::Segment	Create	Read		Delete	List
AWS::EVS::Environment	Create	Read	Update	Delete	List
AWS::FinSpace::Environment	Create	Read	Update	Delete	List
AWS::FIS::ExperimentTemplate	Create	Read	Update	Delete	List
AWS::FIS::TargetAccountConfiguration	Create	Read	Update	Delete	List
AWS::FMS::NotificationChannel	Create	Read	Update	Delete	List
AWS::FMS::Policy	Create	Read	Update	Delete	List
AWS::FMS::ResourceSet	Create	Read	Update	Delete	List
AWS::Forecast::Dataset	Create	Read		Delete	List
AWS::Forecast::DatasetGroup	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::FraudDetector::Detector	Create	Read	Update	Delete	List
AWS::FraudDetector::EntityType	Create	Read	Update	Delete	List
AWS::FraudDetector::EventType	Create	Read	Update	Delete	List
AWS::FraudDetector::Label	Create	Read	Update	Delete	List
AWS::FraudDetector::List	Create	Read	Update	Delete	List
AWS::FraudDetector::Outcome	Create	Read	Update	Delete	List
AWS::FraudDetector::Variable	Create	Read	Update	Delete	List
AWS::FSx::DataRepositoryAssociation	Create	Read	Update	Delete	List
AWS::FSx::S3AccessPointAttachment	Create	Read		Delete	List
AWS::GameLift::Alias	Create	Read	Update	Delete	List
AWS::GameLift::Build	Create	Read	Update	Delete	List
AWS::GameLift::ContainerFile	Create	Read	Update	Delete	List
AWS::GameLift::ContainerGroupDefinition	Create	Read	Update	Delete	List
AWS::GameLift::Fleet	Create	Read	Update	Delete	List
AWS::GameLift::GameServerGroup	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::GameLift::GameSessionQueue	Create	Read	Update	Delete	List
AWS::GameLift::Location	Create	Read	Update	Delete	List
AWS::GameLift::MatchmakingConfiguration	Create	Read	Update	Delete	List
AWS::GameLift::MatchmakingRuleSet	Create	Read	Update	Delete	List
AWS::GameLift::Script	Create	Read	Update	Delete	List
AWS::GlobalAccelerator::Accelerator	Create	Read	Update	Delete	List
AWS::GlobalAccelerator::CrossAccountAttachment	Create	Read	Update	Delete	List
AWS::GlobalAccelerator::EndpointGroup	Create	Read	Update	Delete	List
AWS::GlobalAccelerator::Listener	Create	Read	Update	Delete	List
AWS::Glue::Crawler	Create	Read	Update	Delete	List
AWS::Glue::Database	Create	Read	Update	Delete	List
AWS::Glue::Job	Create	Read	Update	Delete	List
AWS::Glue::Registry	Create	Read	Update	Delete	List
AWS::Glue::Schema	Create	Read	Update	Delete	List
AWS::Glue::SchemaVersion	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Glue::SchemaVersionMetadata	Create	Read		Delete	List
AWS::Glue::Trigger	Create	Read	Update	Delete	List
AWS::Glue::UsageProfile	Create	Read	Update	Delete	List
AWS::Grafana::Workspace	Create	Read	Update	Delete	List
AWS::GreengrassV2::ComponentVersion	Create	Read	Update	Delete	List
AWS::GreengrassV2::Deployment	Create	Read	Update	Delete	List
AWS::GroundStation::Config	Create	Read	Update	Delete	List
AWS::GroundStation::DataflowEndpointGroup	Create	Read	Update	Delete	List
AWS::GroundStation::MissionProfile	Create	Read	Update	Delete	List
AWS::GuardDuty::Detector	Create	Read	Update	Delete	List
AWS::GuardDuty::Filter	Create	Read	Update	Delete	List
AWS::GuardDuty::IPSet	Create	Read	Update	Delete	List
AWS::GuardDuty::MalwareProtectionPlan	Create	Read	Update	Delete	List
AWS::GuardDuty::Master	Create	Read		Delete	List
AWS::GuardDuty::Member	Create	Read	Update	Delete	List
AWS::GuardDuty::PublishingDestination	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::GuardDuty::ThreatIntelSet	Create	Read	Update	Delete	List
AWS::HealthImaging::Datastore	Create	Read		Delete	List
AWS::HealthLake::FHIRDatastore	Create	Read	Update	Delete	List
AWS::IAM::Group	Create	Read	Update	Delete	List
AWS::IAM::GroupPolicy	Create	Read	Update	Delete	
AWS::IAM::InstanceProfile	Create	Read	Update	Delete	List
AWS::IAM::ManagedPolicy	Create	Read	Update	Delete	List
AWS::IAM::OIDCProvider	Create	Read	Update	Delete	List
AWS::IAM::Policy	Create		Update	Delete	
AWS::IAM::Role	Create	Read	Update	Delete	List
AWS::IAM::RolePolicy	Create	Read	Update	Delete	
AWS::IAM::SAMLProvider	Create	Read	Update	Delete	List
AWS::IAM::ServerCertificate	Create	Read	Update	Delete	List
AWS::IAM::ServiceLinkedRole	Create	Read	Update	Delete	
AWS::IAM::User	Create	Read	Update	Delete	List
AWS::IAM::UserPolicy	Create	Read	Update	Delete	
AWS::IAM::VirtualMFADevice	Create	Read	Update	Delete	List
AWS::IdentityStore::Group	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::IdentityStore::GroupMembership	Create	Read		Delete	List
AWS::ImageBuilder::Component	Create	Read		Delete	List
AWS::ImageBuilder::ContainerRecipe	Create	Read		Delete	List
AWS::ImageBuilder::DistributionConfiguration	Create	Read	Update	Delete	List
AWS::ImageBuilder::Image	Create	Read		Delete	List
AWS::ImageBuilder::ImagePipeline	Create	Read	Update	Delete	List
AWS::ImageBuilder::ImageRecipe	Create	Read		Delete	List
AWS::ImageBuilder::InfrastructureConfiguration	Create	Read	Update	Delete	List
AWS::ImageBuilder::LifecyclePolicy	Create	Read	Update	Delete	List
AWS::ImageBuilder::Workflow	Create	Read		Delete	List
AWS::Inspector::AssessmentTarget	Create	Read	Update	Delete	List
AWS::Inspector::AssessmentTemplate	Create	Read		Delete	List
AWS::Inspector::ResourceGroup	Create	Read		Delete	
AWS::InspectorV2::CisScanConfiguration	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::InspectorV2::Filter	Create	Read	Update	Delete	List
AWS::InternetMonitor::Monitor	Create	Read	Update	Delete	List
AWS::Invoicing::InvoiceUnit	Create	Read	Update	Delete	List
AWS::IoT::AccountAuditConfiguration	Create	Read	Update	Delete	List
AWS::IoT::Authorizer	Create	Read	Update	Delete	List
AWS::IoT::BillingGroup	Create	Read	Update	Delete	List
AWS::IoT::CACertificate	Create	Read	Update	Delete	List
AWS::IoT::Certificate	Create	Read	Update	Delete	List
AWS::IoT::CertificateProvider	Create	Read	Update	Delete	List
AWS::IoT::Command	Create	Read	Update	Delete	List
AWS::IoT::CustomMetric	Create	Read	Update	Delete	List
AWS::IoT::Dimension	Create	Read	Update	Delete	List
AWS::IoT::DomainConfiguration	Create	Read	Update	Delete	List
AWS::IoT::FleetMetric	Create	Read	Update	Delete	List
AWS::IoT::JobTemplate	Create	Read		Delete	List
AWS::IoT::Logging	Create	Read	Update	Delete	List
AWS::IoT::MitigationAction	Create	Read	Update	Delete	List
AWS::IoT::Policy	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::IoT::ProvisioningTemplate	Create	Read	Update	Delete	List
AWS::IoT::ResourceSpecificLogging	Create	Read	Update	Delete	List
AWS::IoT::RoleAlias	Create	Read	Update	Delete	List
AWS::IoT::ScheduledAudit	Create	Read	Update	Delete	List
AWS::IoT::SecurityProfile	Create	Read	Update	Delete	List
AWS::IoT::SoftwarePackage	Create	Read	Update	Delete	List
AWS::IoT::SoftwarePackageVersion	Create	Read	Update	Delete	List
AWS::IoT::Thing	Create	Read	Update	Delete	List
AWS::IoT::ThingGroup	Create	Read	Update	Delete	List
AWS::IoT::ThingType	Create	Read	Update	Delete	List
AWS::IoT::TopicRule	Create	Read	Update	Delete	List
AWS::IoT::TopicRuleDestination	Create	Read	Update	Delete	List
AWS::IoTAnalytics::Channel	Create	Read	Update	Delete	List
AWS::IoTAnalytics::Dataset	Create	Read	Update	Delete	List
AWS::IoTAnalytics::Datastore	Create	Read	Update	Delete	List
AWS::IoTAnalytics::Pipeline	Create	Read	Update	Delete	List
AWS::IoTCoreDeviceAdvisor::SuiteDefinition	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::IoTEvents::AlarmModel	Create	Read	Update	Delete	List
AWS::IoTEvents::DetectorModel	Create	Read	Update	Delete	List
AWS::IoTEvents::Input	Create	Read	Update	Delete	List
AWS::IoTFleetHub::Application	Create	Read	Update	Delete	List
AWS::IoTFleetWise::Campaign	Create	Read	Update	Delete	List
AWS::IoTFleetWise::DecoderManifest	Create	Read	Update	Delete	List
AWS::IoTFleetWise::Fleet	Create	Read	Update	Delete	List
AWS::IoTFleetWise::ModelManifest	Create	Read	Update	Delete	List
AWS::IoTFleetWise::SignalCatalog	Create	Read	Update	Delete	List
AWS::IoTFleetWise::StateTemplate	Create	Read	Update	Delete	List
AWS::IoTFleetWise::Vehicle	Create	Read	Update	Delete	List
AWS::IoTSiteWise::AccessPolicy	Create	Read	Update	Delete	List
AWS::IoTSiteWise::Asset	Create	Read	Update	Delete	List
AWS::IoTSiteWise::AssetModel	Create	Read	Update	Delete	List
AWS::IoTSiteWise::Dashboard	Create	Read	Update	Delete	List
AWS::IoTSiteWise::Dataset	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::IoTSiteWise::Gateway	Create	Read	Update	Delete	List
AWS::IoTSiteWise::Portal	Create	Read	Update	Delete	List
AWS::IoTSiteWise::Project	Create	Read	Update	Delete	List
AWS::IoTTwinMaker::ComponentType	Create	Read	Update	Delete	List
AWS::IoTTwinMaker::Entity	Create	Read	Update	Delete	List
AWS::IoTTwinMaker::Scene	Create	Read	Update	Delete	List
AWS::IoTTwinMaker::SyncJob	Create	Read		Delete	List
AWS::IoTTwinMaker::Workspace	Create	Read	Update	Delete	List
AWS::IoTWireless::Destination	Create	Read	Update	Delete	List
AWS::IoTWireless::DeviceProfile	Create	Read	Update	Delete	List
AWS::IoTWireless::FuotaTask	Create	Read	Update	Delete	List
AWS::IoTWireless::MulticastGroup	Create	Read	Update	Delete	List
AWS::IoTWireless::NetworkAnalyzerConfiguration	Create	Read	Update	Delete	List
AWS::IoTWireless::PartnerAccount	Create	Read	Update	Delete	List
AWS::IoTWireless::ServiceProfile	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
<u>AWS::IoTWireless::TaskDefinition</u>	Create	Read	Update	Delete	List
<u>AWS::IoTWireless::WirelessDevice</u>	Create	Read	Update	Delete	List
<u>AWS::IoTWireless::WirelessDeviceImportTask</u>	Create	Read	Update	Delete	List
<u>AWS::IoTWireless::WirelessGateway</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::Channel</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::EncoderConfiguration</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::IngestConfiguration</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::PlaybackKeyPair</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::PlaybackRestrictionPolicy</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::PublicKey</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::RecordingConfiguration</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::Stage</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::StorageConfiguration</u>	Create	Read	Update	Delete	List
<u>AWS::IVS::StreamKey</u>	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::IVSChat::LoggingConfiguration	Create	Read	Update	Delete	List
AWS::IVSChat::Room	Create	Read	Update	Delete	List
AWS::KafkaConnect::Connector	Create	Read	Update	Delete	List
AWS::KafkaConnect::CustomPlugin	Create	Read	Update	Delete	List
AWS::KafkaConnect::WorkerConfiguration	Create	Read	Update	Delete	List
AWS::Kendra::DataSource	Create	Read	Update	Delete	List
AWS::Kendra::Faq	Create	Read	Update	Delete	List
AWS::Kendra::Index	Create	Read	Update	Delete	List
AWS::KendraRanking::ExecutionPlan	Create	Read	Update	Delete	List
AWS::Kinesis::ResourcePolicy	Create	Read	Update	Delete	
AWS::Kinesis::Stream	Create	Read	Update	Delete	List
AWS::KinesisAnalyticsV2::Application	Create	Read	Update	Delete	List
AWS::KinesisFirehose::DeliveryStream	Create	Read	Update	Delete	List
AWS::KinesisVideo::SignalingChannel	Create	Read	Update	Delete	List
AWS::KinesisVideo::Stream	Create	Read	Update	Delete	List
AWS::KMS::Alias	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::KMS::Key	Create	Read	Update	Delete	List
AWS::KMS::ReplicaKey	Create	Read	Update	Delete	List
AWS::LakeFormation::DataCellsFilter	Create	Read		Delete	List
AWS::LakeFormation::PrincipalPermissions	Create	Read		Delete	
AWS::LakeFormation::Tag	Create	Read	Update	Delete	List
AWS::LakeFormation::TagAssociation	Create	Read		Delete	
AWS::Lambda::Alias	Create	Read	Update	Delete	List
AWS::Lambda::CodeSigningConfig	Create	Read	Update	Delete	List
AWS::Lambda::EventInvokeConfig	Create	Read	Update	Delete	List
AWS::Lambda::EventSourceMapping	Create	Read	Update	Delete	List
AWS::Lambda::Function	Create	Read	Update	Delete	List
AWS::Lambda::LayerVersion	Create	Read		Delete	List
AWS::Lambda::LayerVersionPermission	Create	Read		Delete	List
AWS::Lambda::Permission	Create	Read		Delete	List
AWS::Lambda::Url	Create	Read	Update	Delete	List
AWS::Lambda::Version	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::LaunchWizard::Deployment	Create	Read	Update	Delete	List
AWS::Lex::Bot	Create	Read	Update	Delete	List
AWS::Lex::BotAlias	Create	Read	Update	Delete	List
AWS::Lex::BotVersion	Create	Read		Delete	List
AWS::Lex::ResourcePolicy	Create	Read	Update	Delete	List
AWS::LicenseManager::Grant	Create	Read	Update	Delete	List
AWS::LicenseManager::License	Create	Read	Update	Delete	List
AWS::Lightsail::Alarm	Create	Read	Update	Delete	List
AWS::Lightsail::Bucket	Create	Read	Update	Delete	List
AWS::Lightsail::Certificate	Create	Read	Update	Delete	List
AWS::Lightsail::Container	Create	Read	Update	Delete	List
AWS::Lightsail::Database	Create	Read	Update	Delete	List
AWS::Lightsail::Disk	Create	Read	Update	Delete	List
AWS::Lightsail::Distribution	Create	Read	Update	Delete	List
AWS::Lightsail::Instance	Create	Read	Update	Delete	List
AWS::Lightsail::InstanceSnapshot	Create	Read	Update	Delete	List
AWS::Lightsail::LoadBalancer	Create	Read	Update	Delete	List
AWS::Lightsail::LoadBalancerTlsCertificate	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Lightsail::StaticIp	Create	Read	Update	Delete	List
AWS::Location::APIKey	Create	Read	Update	Delete	List
AWS::Location::GeofenceCollection	Create	Read	Update	Delete	List
AWS::Location::Map	Create	Read	Update	Delete	List
AWS::Location::PlaceIndex	Create	Read	Update	Delete	List
AWS::Location::RouteCalculator	Create	Read	Update	Delete	List
AWS::Location::Tracker	Create	Read	Update	Delete	List
AWS::Location::TrackerConsumer	Create	Read		Delete	List
AWS::Logs::AccountPolicy	Create	Read	Update	Delete	List
AWS::Logs::Delivery	Create	Read	Update	Delete	List
AWS::Logs::DeliveryDestination	Create	Read	Update	Delete	List
AWS::Logs::DeliverySource	Create	Read	Update	Delete	List
AWS::Logs::Destination	Create	Read	Update	Delete	List
AWS::Logs::Integration	Create	Read		Delete	List
AWS::Logs::LogAnomalyDetector	Create	Read	Update	Delete	List
AWS::Logs::LogGroup	Create	Read	Update	Delete	List
AWS::Logs::LogStream	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Logs::MetricFilter	Create	Read	Update	Delete	List
AWS::Logs::QueryDefinition	Create	Read	Update	Delete	List
AWS::Logs::ResourcePolicy	Create	Read	Update	Delete	List
AWS::Logs::SubscriptionFilter	Create	Read	Update	Delete	List
AWS::Logs::Transformer	Create	Read	Update	Delete	List
AWS::LookoutEquipment::InferenceScheduler	Create	Read	Update	Delete	List
AWS::LookoutMetrics::Alert	Create	Read		Delete	List
AWS::LookoutMetrics::AnomalyDetector	Create	Read	Update	Delete	List
AWS::LookoutVision::Project	Create	Read	Update	Delete	List
AWS::M2::Application	Create	Read	Update	Delete	List
AWS::M2::Deployment	Create	Read	Update	Delete	List
AWS::M2::Environment	Create	Read	Update	Delete	List
AWS::Macie::AllowList	Create	Read	Update	Delete	List
AWS::Macie::CustomDataIdentifier	Create	Read	Update	Delete	List
AWS::Macie::FindingsFilter	Create	Read	Update	Delete	List
AWS::Macie::Session	Create	Read	Update	Delete	List
AWS::ManagedBlockchain::Accessor	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::MediaConnect::Bridge	Create	Read	Update	Delete	List
AWS::MediaConnect::BridgeOutput	Create	Read	Update	Delete	
AWS::MediaConnect::BridgeSource	Create	Read	Update	Delete	
AWS::MediaConnect::Flow	Create	Read	Update	Delete	List
AWS::MediaConnect::FlowElement	Create	Read	Update	Delete	List
AWS::MediaConnect::FlowOutput	Create	Read	Update	Delete	List
AWS::MediaConnect::FlowSource	Create	Read	Update	Delete	List
AWS::MediaConnect::FlowVpcInterface	Create	Read	Update	Delete	List
AWS::MediaConnect::Gateway	Create	Read		Delete	List
AWS::MediaLive::ChannelPlacementGroup	Create	Read	Update	Delete	List
AWS::MediaLive::CloudWatchAlarmTemplate	Create	Read	Update	Delete	List
AWS::MediaLive::CloudWatchAlarmTemplateGroup	Create	Read	Update	Delete	List
AWS::MediaLive::Cluster	Create	Read	Update	Delete	List
AWS::MediaLive::EventBridgeRuleTemplate	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::MediaLive::EventBridgeRuleTemplateGroup	Create	Read	Update	Delete	List
AWS::MediaLive::Multiplex	Create	Read	Update	Delete	List
AWS::MediaLive::MultiplexProgram	Create	Read	Update	Delete	List
AWS::MediaLive::Network	Create	Read	Update	Delete	List
AWS::MediaLive::SdiSource	Create	Read	Update	Delete	List
AWS::MediaLive::SignalMap	Create	Read	Update	Delete	List
AWS::MediaPackage::Asset	Create	Read		Delete	List
AWS::MediaPackage::Channel	Create	Read	Update	Delete	List
AWS::MediaPackage::OriginEndpoint	Create	Read	Update	Delete	List
AWS::MediaPackage::PackagingConfiguration	Create	Read		Delete	List
AWS::MediaPackage::PackagingGroup	Create	Read	Update	Delete	List
AWS::MediaPackageV2::Channel	Create	Read	Update	Delete	List
AWS::MediaPackageV2::ChannelGroup	Create	Read	Update	Delete	List
AWS::MediaPackageV2::ChannelPolicy	Create	Read	Update	Delete	
AWS::MediaPackageV2::OriginEndpoint	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::MediaPackageV2::OriginEndpointPolicy	Create	Read	Update	Delete	
AWS::MediaTailor::Channel	Create	Read	Update	Delete	List
AWS::MediaTailor::ChannelPolicy	Create	Read	Update	Delete	
AWS::MediaTailor::LiveSource	Create	Read	Update	Delete	List
AWS::MediaTailor::PlaybackConfiguration	Create	Read	Update	Delete	List
AWS::MediaTailor::SourceLocation	Create	Read	Update	Delete	List
AWS::MediaTailor::VodSource	Create	Read	Update	Delete	List
AWS::MemoryDB::ACL	Create	Read	Update	Delete	List
AWS::MemoryDB::Cluster	Create	Read	Update	Delete	List
AWS::MemoryDB::MultiRegionCluster	Create	Read	Update	Delete	List
AWS::MemoryDB::ParameterGroup	Create	Read	Update	Delete	List
AWS::MemoryDB::SubnetGroup	Create	Read	Update	Delete	List
AWS::MemoryDB::User	Create	Read	Update	Delete	List
AWS::MPA::ApprovalTeam	Create	Read	Update	Delete	List
AWS::MPA::IdentitySource	Create	Read	Update	Delete	List
AWS::MSK::BatchScramSecret	Create	Read	Update	Delete	List
AWS::MSK::Cluster	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::MSK::ClusterPolicy	Create	Read	Update	Delete	List
AWS::MSK::Configuration	Create	Read	Update	Delete	List
AWS::MSK::Replicator	Create	Read	Update	Delete	List
AWS::MSK::ServerlessCluster	Create	Read		Delete	List
AWS::MSK::VpcConnection	Create	Read	Update	Delete	List
AWS::MWAA::Environment	Create	Read	Update	Delete	List
AWS::Neptune::DBCluster	Create	Read	Update	Delete	List
AWS::Neptune::DBClusterParameterGroup	Create	Read	Update	Delete	List
AWS::Neptune::DBParameterGroup	Create	Read	Update	Delete	List
AWS::Neptune::DBSubnetGroup	Create	Read	Update	Delete	List
AWS::NeptuneGraph::Graph	Create	Read	Update	Delete	List
AWS::NeptuneGraph::PrivateGraphEndpoint	Create	Read	Update	Delete	List
AWS::NetworkFirewall::Firewall	Create	Read	Update	Delete	List
AWS::NetworkFirewall::FirewallPolicy	Create	Read	Update	Delete	List
AWS::NetworkFirewall::LoggingConfiguration	Create	Read	Update	Delete	
AWS::NetworkFirewall::RuleGroup	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::NetworkFirewall::TLSInspectionConfiguration	Create	Read	Update	Delete	List
AWS::NetworkFirewall::VpcEndpointAssociation	Create	Read	Update	Delete	List
AWS::NetworkManager::ConnectionAttachment	Create	Read	Update	Delete	List
AWS::NetworkManager::ConnectionPeer	Create	Read	Update	Delete	List
AWS::NetworkManager::CoreNetwork	Create	Read	Update	Delete	List
AWS::NetworkManager::CustomerGatewayAssociation	Create	Read		Delete	List
AWS::NetworkManager::Device	Create	Read	Update	Delete	List
AWS::NetworkManager::DirectConnectGatewayAttachment	Create	Read	Update	Delete	List
AWS::NetworkManager::GlobalNetwork	Create	Read	Update	Delete	List
AWS::NetworkManager::Link	Create	Read	Update	Delete	List
AWS::NetworkManager::LinkAssociation	Create	Read		Delete	List
AWS::NetworkManager::Site	Create	Read	Update	Delete	List
AWS::NetworkManager::SiteToSiteVpnAttachment	Create	Read	Update	Delete	List
AWS::NetworkManager::TransitGatewayPeering	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::NetworkManager::TransitGatewayRegistration	Create	Read		Delete	List
AWS::NetworkManager::TransitGatewayRouteTableAttachment	Create	Read	Update	Delete	List
AWS::NetworkManager::VpcAttachment	Create	Read	Update	Delete	List
AWS::Notifications::ChannelAssociation	Create	Read		Delete	List
AWS::Notifications::EventRule	Create	Read	Update	Delete	List
AWS::Notifications::ManagedNotificationAccountContactAssociation	Create	Read	Update	Delete	List
AWS::Notifications::ManagedNotificationAdditionalChannelAssociation	Create	Read		Delete	List
AWS::Notifications::NotificationConfiguration	Create	Read	Update	Delete	List
AWS::Notifications::NotificationHub	Create	Read		Delete	List
AWS::NotificationsContacts::EmailContact	Create	Read		Delete	List
AWS::Oam::Link	Create	Read	Update	Delete	List
AWS::Oam::Sink	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Omics::AnnotationStore	Create	Read	Update	Delete	List
AWS::Omics::ReferenceStore	Create	Read		Delete	List
AWS::Omics::RunGroup	Create	Read	Update	Delete	List
AWS::Omics::SequenceStore	Create	Read	Update	Delete	List
AWS::Omics::VariantStore	Create	Read	Update	Delete	List
AWS::Omics::Workflow	Create	Read	Update	Delete	List
AWS::Omics::WorkflowVersion	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::AccessPolicy	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::Collection	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::Index	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::LifecyclePolicy	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::SecurityConfig	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::SecurityPolicy	Create	Read	Update	Delete	List
AWS::OpenSearchServerless::VpcEndpoint	Create	Read	Update	Delete	List
AWS::OpenSearchService::Application	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::OpenSearchService::Domain	Create	Read	Update	Delete	
AWS::Organizations::Account	Create	Read	Update	Delete	List
AWS::Organizations::Organization	Create	Read	Update	Delete	List
AWS::Organizations::OrganizationalUnit	Create	Read	Update	Delete	List
AWS::Organizations::Policy	Create	Read	Update	Delete	List
AWS::Organizations::ResourcePolicy	Create	Read	Update	Delete	List
AWS::OSIS::Pipeline	Create	Read	Update	Delete	List
AWS::Panorama::ApplicationInstance	Create	Read	Update	Delete	List
AWS::Panorama::Package	Create	Read	Update	Delete	List
AWS::Panorama::PackageVersion	Create	Read	Update	Delete	
AWS::PaymentCryptography::Alias	Create	Read	Update	Delete	List
AWS::PaymentCryptography::Key	Create	Read	Update	Delete	List
AWS::PCAConnectorAD::Connector	Create	Read	Update	Delete	List
AWS::PCAConnectorAD::DirectoryRegistration	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::PCAConnectorAD::ServicePrincipalName	Create	Read		Delete	List
AWS::PCAConnectorAD::Template	Create	Read	Update	Delete	List
AWS::PCAConnectorAD::TemplateGroupAccessControlEntry	Create	Read	Update	Delete	List
AWS::PCAConnectorSCEP::Challenge	Create	Read	Update	Delete	List
AWS::PCAConnectorSCEP::Connector	Create	Read	Update	Delete	List
AWS::PCS::Cluster	Create	Read	Update	Delete	List
AWS::PCS::ComputeNodeGroup	Create	Read	Update	Delete	List
AWS::PCS::Queue	Create	Read	Update	Delete	List
AWS::Personalize::Dataset	Create	Read	Update	Delete	List
AWS::Personalize::DatasetGroup	Create	Read		Delete	List
AWS::Personalize::Schema	Create	Read		Delete	List
AWS::Personalize::Solution	Create	Read		Delete	List
AWS::Pinpoint::InAppTemplate	Create	Read	Update	Delete	List
AWS::Pipes::Pipe	Create	Read	Update	Delete	List
AWS::Proton::EnvironmentAccountConnection	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Proton::EnvironmentTemplate	Create	Read	Update	Delete	List
AWS::Proton::ServiceTemplate	Create	Read	Update	Delete	List
AWS::QBusiness::Application	Create	Read	Update	Delete	List
AWS::QBusiness::DataAccessor	Create	Read	Update	Delete	List
AWS::QBusiness::DataSource	Create	Read	Update	Delete	List
AWS::QBusiness::Index	Create	Read	Update	Delete	List
AWS::QBusiness::Permission	Create	Read		Delete	List
AWS::QBusiness::Plugin	Create	Read	Update	Delete	List
AWS::QBusiness::Retriever	Create	Read	Update	Delete	List
AWS::QBusiness::WebExperience	Create	Read	Update	Delete	List
AWS::QLDB::Stream	Create	Read	Update	Delete	List
AWS::QuickSight::Analysis	Create	Read	Update	Delete	List
AWS::QuickSight::CustomPermissions	Create	Read	Update	Delete	List
AWS::QuickSight::Dashboard	Create	Read	Update	Delete	List
AWS::QuickSight::DataSet	Create	Read	Update	Delete	List
AWS::QuickSight::DataSource	Create	Read	Update	Delete	List
AWS::QuickSight::Folder	Create	Read	Update	Delete	List
AWS::QuickSight::RefreshSchedule	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::QuickSight::Template	Create	Read	Update	Delete	List
AWS::QuickSight::Theme	Create	Read	Update	Delete	List
AWS::QuickSight::Topic	Create	Read	Update	Delete	List
AWS::QuickSight::VPCCConnection	Create	Read	Update	Delete	List
AWS::RAM::Permission	Create	Read	Update	Delete	List
AWS::RAM::ResourceShare	Create	Read	Update	Delete	List
AWS::Rbin::Rule	Create	Read	Update	Delete	List
AWS::RDS::CustomDBEngineVersion	Create	Read	Update	Delete	List
AWS::RDS::DBCluster	Create	Read	Update	Delete	List
AWS::RDS::DBClusterParameterGroup	Create	Read	Update	Delete	List
AWS::RDS::DBInstance	Create	Read	Update	Delete	List
AWS::RDS::DBParameterGroup	Create	Read	Update	Delete	List
AWS::RDS::DBProxy	Create	Read	Update	Delete	List
AWS::RDS::DBProxyEndpoint	Create	Read	Update	Delete	List
AWS::RDS::DBProxyTargetGroup	Create	Read	Update	Delete	List
AWS::RDS::DBShardGroup	Create	Read	Update	Delete	List
AWS::RDS::DBSubnetGroup	Create	Read	Update	Delete	List
AWS::RDS::EventSubscription	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::RDS::GlobalCluster	Create	Read	Update	Delete	List
AWS::RDS::Integration	Create	Read	Update	Delete	List
AWS::RDS::OptionGroup	Create	Read	Update	Delete	List
AWS::Redshift::Cluster	Create	Read	Update	Delete	List
AWS::Redshift::ClusterParameterGroup	Create	Read	Update	Delete	List
AWS::Redshift::ClusterSubnetGroup	Create	Read	Update	Delete	List
AWS::Redshift::EndpointAccess	Create	Read	Update	Delete	List
AWS::Redshift::EndpointAuthorization	Create	Read	Update	Delete	List
AWS::Redshift::EventSubscription	Create	Read	Update	Delete	List
AWS::Redshift::Integration	Create	Read	Update	Delete	List
AWS::Redshift::ScheduledAction	Create	Read	Update	Delete	List
AWS::RedshiftServerless::Namespace	Create	Read	Update	Delete	List
AWS::RedshiftServerless::Workgroup	Create	Read	Update	Delete	List
AWS::RefactorSpaces::Application	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::RefactorSpaces::Environment	Create	Read	Update	Delete	List
AWS::RefactorSpaces::Route	Create	Read	Update	Delete	List
AWS::RefactorSpaces::Service	Create	Read		Delete	List
AWS::Rekognition::Collection	Create	Read	Update	Delete	List
AWS::Rekognition::Project	Create	Read	Update	Delete	List
AWS::Rekognition::StreamProcessor	Create	Read	Update	Delete	List
AWS::ResilienceHub::App	Create	Read	Update	Delete	List
AWS::ResilienceHub::ResiliencyPolicy	Create	Read	Update	Delete	List
AWS::ResourceExplorer2::DefaultViewAssociation	Create	Read	Update	Delete	
AWS::ResourceExplorer2::Index	Create	Read	Update	Delete	List
AWS::ResourceExplorer2::View	Create	Read	Update	Delete	List
AWS::ResourceGroups::Group	Create	Read	Update	Delete	List
AWS::ResourceGroups::TagSyncTask	Create	Read		Delete	List
AWS::RoboMaker::Fleet	Create	Read	Update	Delete	List
AWS::RoboMaker::Robot	Create	Read	Update	Delete	List
AWS::RoboMaker::RobotApplication	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::RoboMaker::RobotApplicationVersion	Create	Read		Delete	
AWS::RoboMaker::SimulationApplication	Create	Read	Update	Delete	List
AWS::RoboMaker::SimulationApplicationVersion	Create	Read		Delete	
AWS::RolesAnywhere::CRL	Create	Read	Update	Delete	List
AWS::RolesAnywhere::Profile	Create	Read	Update	Delete	List
AWS::RolesAnywhere::TrustAnchor	Create	Read	Update	Delete	List
AWS::Route53::CidrCollection	Create	Read	Update	Delete	List
AWS::Route53::DNSSEC	Create	Read		Delete	List
AWS::Route53::HealthCheck	Create	Read	Update	Delete	List
AWS::Route53::HostedZone	Create	Read	Update	Delete	List
AWS::Route53::KeySigningKey	Create	Read	Update	Delete	List
AWS::Route53Profiles::Profile	Create	Read	Update	Delete	List
AWS::Route53Profiles::ProfileAssociation	Create	Read	Update	Delete	List
AWS::Route53Profiles::ProfileResourceAssociation	Create	Read	Update	Delete	List
AWS::Route53RecoveryControl::Cluster	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Route53RecoveryControl::ControlPanel	Create	Read	Update	Delete	List
AWS::Route53RecoveryControl::RoutingControl	Create	Read	Update	Delete	List
AWS::Route53RecoveryControl::SafetyRule	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::Cell	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::ReadinessCheck	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::RecoveryGroup	Create	Read	Update	Delete	List
AWS::Route53RecoveryReadiness::ResourceSet	Create	Read	Update	Delete	List
AWS::Route53Resolver::FirewallDomainList	Create	Read	Update	Delete	List
AWS::Route53Resolver::FirewallRuleGroup	Create	Read	Update	Delete	List
AWS::Route53Resolver::FirewallRuleGroupAssociation	Create	Read	Update	Delete	List
AWS::Route53Resolver::OutputResolver	Create	Read	Update	Delete	List
AWS::Route53Resolver::ResolverConfig	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Route53Resolver::ResolverDNSSECConfig	Create	Read		Delete	List
AWS::Route53Resolver::ResolverEndpoint	Create	Read	Update	Delete	List
AWS::Route53Resolver::ResolverQueryLoggingConfig	Create	Read		Delete	List
AWS::Route53Resolver::ResolverQueryLoggingConfigAssociation	Create	Read		Delete	List
AWS::Route53Resolver::ResolverRule	Create	Read	Update	Delete	List
AWS::Route53Resolver::ResolverRuleAssociation	Create	Read		Delete	List
AWS::RUM::AppMonitor	Create	Read	Update	Delete	List
AWS::S3::AccessGrant	Create	Read	Update	Delete	List
AWS::S3::AccessGrantsInstance	Create	Read	Update	Delete	List
AWS::S3::AccessGrantsLocation	Create	Read	Update	Delete	List
AWS::S3::AccessPoint	Create	Read	Update	Delete	List
AWS::S3::Bucket	Create	Read	Update	Delete	List
AWS::S3::BucketPolicy	Create	Read	Update	Delete	List
AWS::S3::MultiRegionAccessPoint	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::S3::MultiRegionAccessPointPolicy	Create	Read	Update	Delete	List
AWS::S3::StorageLens	Create	Read	Update	Delete	List
AWS::S3::StorageLensGroup	Create	Read	Update	Delete	List
AWS::S3Express::AccessPoint	Create	Read	Update	Delete	List
AWS::S3Express::BucketPolicy	Create	Read	Update	Delete	List
AWS::S3Express::DirectoryBucket	Create	Read	Update	Delete	List
AWS::S3ObjectLambda::AccessPoint	Create	Read	Update	Delete	List
AWS::S3ObjectLambda::AccessPointPolicy	Create	Read	Update	Delete	
AWS::S3Outposts::AccessPoint	Create	Read	Update	Delete	List
AWS::S3Outposts::Bucket	Create	Read	Update	Delete	List
AWS::S3Outposts::BucketPolicy	Create	Read	Update	Delete	
AWS::S3Outposts::Endpoint	Create	Read		Delete	List
AWS::S3Tables::Namespace	Create	Read		Delete	List
AWS::S3Tables::TableBucket	Create	Read	Update	Delete	List
AWS::S3Tables::TableBucketPolicy	Create	Read	Update	Delete	List
AWS::SageMaker::App	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SageMaker::AppImageConfig	Create	Read	Update	Delete	List
AWS::SageMaker::Cluster	Create	Read	Update	Delete	List
AWS::SageMaker::DataQualityJobDefinition	Create	Read		Delete	List
AWS::SageMaker::Device	Create	Read	Update	Delete	
AWS::SageMaker::DeviceFleet	Create	Read	Update	Delete	
AWS::SageMaker::Domain	Create	Read	Update	Delete	List
AWS::SageMaker::Endpoint	Create	Read	Update	Delete	List
AWS::SageMaker::FeatureGroup	Create	Read	Update	Delete	List
AWS::SageMaker::Image	Create	Read	Update	Delete	List
AWS::SageMaker::ImageVersion	Create	Read	Update	Delete	List
AWS::SageMaker::InferenceComponent	Create	Read	Update	Delete	List
AWS::SageMaker::InferenceExperiment	Create	Read	Update	Delete	List
AWS::SageMaker::MlflowTrackingServer	Create	Read	Update	Delete	List
AWS::SageMaker::ModelBiasJobDefinition	Create	Read		Delete	List
AWS::SageMaker::ModelCard	Create	Read	Update	Delete	List
AWS::SageMaker::ModelExplanationJobDefinition	Create	Read		Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SageMaker::ModelPackage	Create	Read	Update	Delete	List
AWS::SageMaker::ModelPackageGroup	Create	Read	Update	Delete	List
AWS::SageMaker::ModelQualityJobDefinition	Create	Read		Delete	List
AWS::SageMaker::MonitoringSchedule	Create	Read	Update	Delete	List
AWS::SageMaker::PartnerApp	Create	Read	Update	Delete	List
AWS::SageMaker::Pipeline	Create	Read	Update	Delete	List
AWS::SageMaker::Project	Create	Read	Update	Delete	List
AWS::SageMaker::Space	Create	Read	Update	Delete	List
AWS::SageMaker::StudioLifecycleConfig	Create	Read		Delete	List
AWS::SageMaker::UserProfile	Create	Read	Update	Delete	List
AWS::Scheduler::Schedule	Create	Read	Update	Delete	List
AWS::Scheduler::ScheduleGroup	Create	Read	Update	Delete	List
AWS::SecretsManager::ResourcePolicy	Create	Read	Update	Delete	List
AWS::SecretsManager::RotationSchedule	Create	Read	Update	Delete	List
AWS::SecretsManager::Secret	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SecretsManager::SecretTargetAttachment	Create	Read	Update	Delete	List
AWS::SecurityHub::AggregatorV2	Create	Read	Update	Delete	List
AWS::SecurityHub::AutomationRule	Create	Read	Update	Delete	List
AWS::SecurityHub::AutomationRuleV2	Create	Read	Update	Delete	List
AWS::SecurityHub::ConfigurationPolicy	Create	Read	Update	Delete	List
AWS::SecurityHub::DelegatedAdmin	Create	Read		Delete	List
AWS::SecurityHub::FindingAggregator	Create	Read	Update	Delete	List
AWS::SecurityHub::Hub	Create	Read	Update	Delete	List
AWS::SecurityHub::HubV2	Create	Read	Update	Delete	List
AWS::SecurityHub::Insight	Create	Read	Update	Delete	List
AWS::SecurityHub::OrganizationConfiguration	Create	Read	Update	Delete	List
AWS::SecurityHub::PolicyAssociation	Create	Read	Update	Delete	List
AWS::SecurityHub::ProductSubscription	Create	Read		Delete	List
AWS::SecurityHub::SecurityControl	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SecurityHub::Standard	Create	Read	Update	Delete	List
AWS::SecurityLake::AwsLogSource	Create	Read	Update	Delete	List
AWS::SecurityLake::DataLake	Create	Read	Update	Delete	List
AWS::SecurityLake::Subscriber	Create	Read	Update	Delete	List
AWS::SecurityLake::SubscriberNotification	Create	Read	Update	Delete	List
AWS::ServiceCatalog::CloudFormationProvisionedProduct	Create	Read	Update	Delete	
AWS::ServiceCatalog::ServiceAction	Create	Read	Update	Delete	List
AWS::ServiceCatalog::ServiceActionAssociation	Create	Read		Delete	List
AWS::ServiceCatalogAppRegistry::Application	Create	Read	Update	Delete	List
AWS::ServiceCatalogAppRegistry::AttributeGroup	Create	Read	Update	Delete	List
AWS::ServiceCatalogAppRegistry::AttributeGroupAssociation	Create	Read		Delete	List
AWS::ServiceCatalogAppRegistry::ResourceAssociation	Create	Read		Delete	List
AWS::SES::ConfigurationSet	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SES::ConfigurationSetEventDestination	Create	Read	Update	Delete	
AWS::SES::ContactList	Create	Read	Update	Delete	List
AWS::SES::DedicatedIpPool	Create	Read	Update	Delete	List
AWS::SES::EmailIdentity	Create	Read	Update	Delete	List
AWS::SES::MailManagerAddonInstance	Create	Read	Update	Delete	List
AWS::SES::MailManagerAddonSubscription	Create	Read	Update	Delete	List
AWS::SES::MailManagerAddressList	Create	Read	Update	Delete	List
AWS::SES::MailManagerArchive	Create	Read	Update	Delete	List
AWS::SES::MailManagerIngressPoint	Create	Read	Update	Delete	List
AWS::SES::MailManagerRelay	Create	Read	Update	Delete	List
AWS::SES::MailManagerRuleSet	Create	Read	Update	Delete	List
AWS::SES::MailManagerTrafficPolicy	Create	Read	Update	Delete	List
AWS::SES::Template	Create	Read	Update	Delete	List
AWS::SES::VdmAttributes	Create	Read	Update	Delete	
AWS::Shield::DRTAccess	Create	Read	Update	Delete	List
AWS::Shield::ProactiveEngagement	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Shield::Protection	Create	Read	Update	Delete	List
AWS::Shield::ProtectionGroup	Create	Read	Update	Delete	List
AWS::Signer::ProfilePermission	Create	Read		Delete	List
AWS::Signer::SigningProfile	Create	Read	Update	Delete	List
AWS::SimSpaceWeaver::Simulation	Create	Read	Update	Delete	List
AWS::SNS::Subscription	Create	Read	Update	Delete	List
AWS::SNS::Topic	Create	Read	Update	Delete	List
AWS::SNS::TopicInlinePolicy	Create	Read	Update	Delete	
AWS::SNS::TopicPolicy	Create		Update	Delete	
AWS::SQS::Queue	Create	Read	Update	Delete	List
AWS::SQS::QueueInlinePolicy	Create	Read	Update	Delete	
AWS::SQS::QueuePolicy	Create		Update	Delete	
AWS::SSM::Association	Create	Read	Update	Delete	List
AWS::SSM::Document	Create	Read	Update	Delete	List
AWS::SSM::Parameter	Create	Read	Update	Delete	List
AWS::SSM::PatchBaseline	Create	Read	Update	Delete	List
AWS::SSM::ResourceDataSync	Create	Read	Update	Delete	List
AWS::SSM::ResourcePolicy	Create	Read	Update	Delete	List
AWS::SSMContacts::Contact	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::SSMContacts::ContactChannel	Create	Read	Update	Delete	List
AWS::SSMContacts::Plan	Create	Read	Update	Delete	
AWS::SSMContacts::Rotation	Create	Read	Update	Delete	List
AWS::SSMGuicConnect::Preferences	Create	Read	Update	Delete	List
AWS::SSMIncidents::ReplicationSet	Create	Read	Update	Delete	List
AWS::SSMIncidents::ResponsePlan	Create	Read	Update	Delete	List
AWS::SSMQuickSetup::ConfigurationManager	Create	Read	Update	Delete	List
AWS::SSO::Application	Create	Read	Update	Delete	List
AWS::SSO::ApplicationAssignment	Create	Read		Delete	List
AWS::SSO::Assignment	Create	Read		Delete	List
AWS::SSO::Instance	Create	Read	Update	Delete	List
AWS::SSO::InstanceAccessControlAttributeConfiguration	Create	Read	Update	Delete	List
AWS::SSO::PermissionSet	Create	Read	Update	Delete	List
AWS::StepFunctions::Activity	Create	Read	Update	Delete	List
AWS::StepFunctions::StateMachine	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::StepFunctions::StateMachineAlias	Create	Read	Update	Delete	List
AWS::StepFunctions::StateMachineVersion	Create	Read		Delete	List
AWS::SupportApp::AccountAliases	Create	Read	Update	Delete	List
AWS::SupportApp::SlackChannelConfiguration	Create	Read	Update	Delete	List
AWS::SupportApp::SlackWorkspaceConfiguration	Create	Read	Update	Delete	List
AWS::Synthetics::Canary	Create	Read	Update	Delete	List
AWS::Synthetics::Group	Create	Read	Update	Delete	List
AWS::SystemsManagerSAP::Application	Create	Read	Update	Delete	List
AWS::Timestream::Database	Create	Read	Update	Delete	List
AWS::Timestream::InfluxDBInstance	Create	Read	Update	Delete	List
AWS::Timestream::ScheduledQuery	Create	Read	Update	Delete	List
AWS::Timestream::Table	Create	Read	Update	Delete	List
AWS::Transfer::Agreement	Create	Read	Update	Delete	List
AWS::Transfer::Certificate	Create	Read	Update	Delete	List
AWS::Transfer::Connector	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Transfer::Profile	Create	Read	Update	Delete	List
AWS::Transfer::Server	Create	Read	Update	Delete	List
AWS::Transfer::User	Create	Read	Update	Delete	List
AWS::Transfer::WebApp	Create	Read	Update	Delete	List
AWS::Transfer::Workflow	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::IdentitySource	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::Policy	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::PolicyStore	Create	Read	Update	Delete	List
AWS::VerifiedPermissions::PolicyTemplate	Create	Read	Update	Delete	List
AWS::VoiceID::Domain	Create	Read	Update	Delete	List
AWS::VpcLattice::AccessLogSubscription	Create	Read	Update	Delete	List
AWS::VpcLattice::AuthPolicy	Create	Read	Update	Delete	
AWS::VpcLattice::Listener	Create	Read	Update	Delete	List
AWS::VpcLattice::ResourceConfiguration	Create	Read	Update	Delete	List
AWS::VpcLattice::ResourceGateway	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::VpcLattice::ResourcePolicy	Create	Read	Update	Delete	
AWS::VpcLattice::Rule	Create	Read	Update	Delete	List
AWS::VpcLattice::Service	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetwork	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetworkResourceAssociation	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetworkServiceAssociation	Create	Read	Update	Delete	List
AWS::VpcLattice::ServiceNetworkVpcAssociation	Create	Read	Update	Delete	List
AWS::VpcLattice::TargetGroup	Create	Read	Update	Delete	List
AWS::WAFv2::IPSet	Create	Read	Update	Delete	List
AWS::WAFv2::LoggingConfiguration	Create	Read	Update	Delete	List
AWS::WAFv2::RegexPatternSet	Create	Read	Update	Delete	List
AWS::WAFv2::RuleGroup	Create	Read	Update	Delete	List
AWS::WAFv2::WebACL	Create	Read	Update	Delete	List
AWS::WAFv2::WebACLAssociation	Create	Read	Update	Delete	
AWS::Wisdom::AIAgent	Create	Read	Update	Delete	List
AWS::Wisdom::AIAgentVersion	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::Wisdom::AIGuardrail	Create	Read	Update	Delete	List
AWS::Wisdom::AIGuardrailVersion	Create	Read	Update	Delete	List
AWS::Wisdom::AIPrompt	Create	Read	Update	Delete	List
AWS::Wisdom::AIPromptVersion	Create	Read	Update	Delete	List
AWS::Wisdom::Assistant	Create	Read	Update	Delete	List
AWS::Wisdom::AssistantAssociation	Create	Read	Update	Delete	List
AWS::Wisdom::KnowledgeBase	Create	Read	Update	Delete	List
AWS::Wisdom::MessageTemplate	Create	Read	Update	Delete	List
AWS::Wisdom::MessageTemplateVersion	Create	Read	Update	Delete	List
AWS::WorkSpaces::ConnectionAlias	Create	Read		Delete	
AWS::WorkSpaces::WorkspacesPool	Create	Read	Update	Delete	List
AWS::WorkSpacesThinClient::Environment	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::BrowserSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::DataProtectionSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::IdentityProvider	Create	Read	Update	Delete	List

Resource	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::IpAccessSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::NetworkSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::Portal	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::TrustStore	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::UserAccessLoggingSettings	Create	Read	Update	Delete	List
AWS::WorkSpacesWeb::UserSettings	Create	Read	Update	Delete	List
AWS::XRay::Group	Create	Read	Update	Delete	List
AWS::XRay::ResourcePolicy	Create	Read	Update	Delete	List
AWS::XRay::SamplingRule	Create	Read	Update	Delete	List
AWS::XRay::TransactionSearchConfig	Create	Read	Update	Delete	List

Security in Amazon Cloud Control API

Cloud security at Amazon is the highest priority. As an Amazon customer, you benefit from a data center and network architecture that's built to meet the requirements of the most security-sensitive organizations.

Security is a shared responsibility between Amazon and you. The [shared responsibility model](#) describes this as security *of* the cloud and security *in* the cloud:

- **Security of the cloud** – Amazon is responsible for protecting the infrastructure that runs Amazon services in the Amazon Web Services Cloud. Amazon also provides you with services that you can use securely. Third-party auditors regularly test and verify the effectiveness of our security as part of the [Amazon Compliance Programs](#). To learn about the compliance programs that apply to Cloud Control API, see [Amazon Services in Scope by Compliance Program](#).
- **Security in the cloud** – Your responsibility is determined by the Amazon service that you use. You are also responsible for other factors including the sensitivity of your data, your company's requirements, and applicable laws and regulations.

Cloud Control API inherits its security architecture from Amazon CloudFormation and operates within the Amazon shared responsibility model. To meet your security and compliance objectives when using Cloud Control API, you must configure CloudFormation security controls. For guidance on applying the shared responsibility model with CloudFormation, see the [Security](#) section in the [Amazon CloudFormation User Guide](#). You can also learn how to use other Amazon services that help you to monitor and secure your CloudFormation and Cloud Control API resources.

IAM policy actions for Cloud Control API

You must create and assign Amazon Identity and Access Management (IAM) policies that give an IAM identity (such as a user or role) permission to call the Cloud Control API API actions they need.

In the Action element of your IAM policy statement, you can specify any API action that Cloud Control API offers. You must prefix the action name with the lowercase string `cloudformation:`, as shown in the following example.

```
"Action": "cloudformation:CreateResource"
```

To see a list of Cloud Control API actions, see [Actions, resources, and condition keys for Amazon Cloud Control API](#) in the *Service Authorization Reference*.

Example policy to manage Cloud Control API resources

The following shows an example of a policy that grants create, read, update, and list (but not delete) resource actions.

```
{  
    "Version": "2012-10-17",  
    "Statement": [  
        {  
            "Effect": "Allow",  
            "Action": [  
                "cloudformation>CreateResource",  
                "cloudformation>GetResource",  
                "cloudformation>UpdateResource",  
                "cloudformation>ListResources"  
            ],  
            "Resource": "*"  
        }  
    ]  
}
```

Cloud Control API differences

Cloud Control API and CloudFormation have several important differences:

For IAM:

- Cloud Control API doesn't currently support resource-level permissions, which is the ability to use ARNs to specify individual resources in IAM policies.
- Cloud Control API doesn't currently support the use of service-specific condition keys in the IAM policies that control access to Cloud Control API resources.

For more information, see [Actions, resources, and condition keys for Amazon Cloud Control API](#) in the *Service Authorization Reference*.

Additional differences:

- Cloud Control API doesn't currently support custom resources. For information about CloudFormation custom resources, see [Create custom provisioning logic with custom resources](#) in the *Amazon CloudFormation User Guide*.
- When activity occurs in Cloud Control API and is recorded in Amazon CloudTrail, the event source is listed as `cloudcontrolapi.amazonaws.com`. For information about CloudTrail logging for Cloud Control API operations, see [Logging Amazon CloudFormation API calls with Amazon CloudTrail](#) in the *Amazon CloudFormation User Guide*.

Account scope limitation

Cloud Control API provides a set of APIs for performing CRUDL (Create, Read, Update, Delete, List) operations on Amazon resources. When using the Cloud Control API, you can only perform CRUDL operations on Amazon resources within your own Amazon Web Services account. You cannot perform these operations on Amazon resources that belong to other Amazon Web Services accounts.

Cloud Control API and interface VPC endpoints (Amazon PrivateLink)

You can establish a private connection between your virtual private cloud (VPC) and Amazon Cloud Control API by creating an *interface VPC endpoint*. Interface endpoints are powered by [Amazon PrivateLink](#), a technology that enables you to privately access Cloud Control API APIs without an internet gateway, NAT device, VPN connection, or Amazon Direct Connect connection. Instances in your VPC don't need public IP addresses to communicate with Cloud Control API APIs. Traffic between your VPC and Cloud Control API doesn't leave the Amazon network.

Each interface endpoint is represented by one or more [Elastic Network Interfaces](#) in your subnets.

For more information, see [Access an Amazon service using an interface VPC endpoint](#) in the *Amazon VPC User Guide*.

Considerations for Cloud Control API VPC endpoints

Before you set up an interface VPC endpoint for Cloud Control API, ensure that you review the [Prerequisites](#) in the *Amazon VPC User Guide*.

Cloud Control API supports making calls to all of its API actions from your VPC.

Creating an interface VPC endpoint for Cloud Control API

You can create a VPC endpoint for the Cloud Control API service using either the Amazon VPC console or the Amazon Command Line Interface (Amazon CLI). For more information, see [Create a VPC endpoint](#) in the *Amazon VPC User Guide*.

Create a VPC endpoint for Cloud Control API using the following service name:

- cn.com.amazonaws.*region*.cloudcontrolapi

If you enable private DNS for the endpoint, you can make API requests to Cloud Control API using its default DNS name for the Region.

For more information, see [Access an Amazon service using an interface VPC endpoint](#) in the *Amazon VPC User Guide*.

Creating a VPC endpoint policy for Cloud Control API

You can attach an endpoint policy to your VPC endpoint that controls access to Cloud Control API. The policy specifies the following information:

- The principal that can perform actions.
- The actions that can be performed.
- The resources on which actions can be performed.

For more information, see [Controlling access to services with VPC endpoints](#) in the *Amazon VPC User Guide*.

Important

VPCE endpoint policy details are not passed to any downstream services invoked by Cloud Control API for evaluation. Because of this, policies specifying actions or resources that belong to downstream services are not enforced.

For example, suppose you created an Amazon EC2 instance in a VPC instance with a VPC endpoint for Cloud Control API in a subnet with no Internet access. Next, you attach the following VPC endpoint policy to the VPCE:

```
{  
  "Statement": [
```

```
{  
    "Action": [  
        "cloudformation:*",  
        "ec2:*",  
        "lambda:*"  
    ]  
    "Effect": "Allow",  
    "Principal": "*",  
    "Resource": "*"  
}  
]  
}
```

If a user with administrator access then sends a request to access an Amazon S3 bucket in the instance, no service error would be returned, even though Amazon S3 access is not granted in the VPCE policy.

Example: VPC endpoint policy for Cloud Control API actions

The following is an example of an endpoint policy for Cloud Control API. When attached to an endpoint, this policy grants access to the listed Cloud Control API actions for all principals on all resources. The following example denies all users the permission to create resources through the VPC endpoint, and allows full access to all other actions on the Cloud Control API service.

```
{  
    "Statement": [  
        {  
            "Action": "cloudformation:*",  
            "Effect": "Allow",  
            "Principal": "*",  
            "Resource": "*"  
        },  
        {  
            "Action": "cloudformation>CreateResource",  
            "Effect": "Deny",  
            "Principal": "*",  
            "Resource": "*"  
        }  
    ]  
}
```

See also

- [Amazon services that integrate with Amazon PrivateLink](#)

CloudFormation Hooks

Amazon CloudFormation Hooks is a feature that you can use to ensure that your Amazon Cloud Control API resources are compliant with your organization's security, operational, and cost optimization best practices. With Hooks, you can provide code that proactively inspects the configuration of your resources before provisioning. If non-compliant resources are found, Cloud Control API either fails the operation and prevents the resources from being provisioned, or emits a warning and allows the provisioning operation to continue. You can use Hooks to evaluate your Cloud Control API resource configurations prior to create and update operations.

Creating a Hook to validate Cloud Control API resource configurations

You can create a Hook to validate your Cloud Control API resource configuration using either the CloudFormation console, the Amazon Command Line Interface (Amazon CLI), or CloudFormation. For more information, see [Creating and managing Amazon CloudFormation Hooks](#).

Targeting Cloud Control API for validation

You can configure your CloudFormation Hooks to target CLOUD_CONTROL operations in your Hook's TargetOperations configuration.

For more information on using TargetOperations with Guard Hooks, see [Write Guard rules to evaluate resources for Guard Hooks](#).

For more information on using TargetOperations with Lambda Hooks, see [Create Lambda functions to evaluate resources for Lambda Hooks](#).

Reviewing Hook invocation results

You can view the results of your invocation by calling GetResourceRequestStatus using the RequestToken.

Document history for the Cloud Control API User Guide

The following table describes the documentation releases for Amazon Cloud Control API.

For a complete list of resources that currently support Amazon Cloud Control API, see [Resource types that support Cloud Control API](#). See also [Discovering resources with Amazon Cloud Control API](#).

Change	Description	Date
New resource	AWS::FSx::S3Access PointAttachment resource type added.	June 24, 2025
New resource	AWS::S3Tables::Name resource type added.	June 24, 2025
New resource	AWS::SecurityHub::AggregatorV2 resource type added.	June 12, 2025
New resource	AWS::SecurityHub::AutomationRuleV2 resource type added.	June 12, 2025
New resource	AWS::WorkspacesInstances::Volume resource type added.	June 5, 2025
New resource	AWS::WorkspacesInstances::VolumeAssociation resource type added.	June 5, 2025
New resource	AWS::WorkspacesInstances::WorkspaceId	June 5, 2025

	<u>nstance</u> resource type added.	
<u>New resource</u>	<u>AWS::SecurityHub::HubV2</u> resource type added.	June 1, 2025
<u>New resource</u>	<u>AWS::S3Express::AccessPoint</u> resource type added.	May 30, 2025
<u>New resource</u>	<u>AWS::Lightsail::InstanceSnapshot</u> resource type added.	May 29, 2025
<u>New resource</u>	<u>AWS::DataZone::ProjectProfile</u> resource type added.	May 28, 2025
<u>New resource</u>	<u>AWS::EVS::Environment</u> resource type added.	May 20, 2025
<u>New resource</u>	<u>AWS::Omics::WorkflowVersion</u> resource type added.	May 13, 2025
<u>New resource</u>	<u>AWS::DataZone::DomainUnit</u> resource type added.	May 5, 2025
<u>New resource</u>	<u>AWS::DataZone::Owner</u> resource type added.	May 5, 2025
<u>New resource</u>	<u>AWS::ApiGateway::DomainName</u> resource type added.	April 29, 2025
<u>New resource</u>	<u>AWS::MPA::ApprovalTeam</u> resource type added.	April 28, 2025

New resource	AWS::MPA::IdentitySource resource type added.	April 28, 2025
New resource	AWS::ApiGatewayV2::RoutingRule resource type added.	April 24, 2025
New resource	AWS::CloudFront::DistributionTenant resource type added.	April 23, 2025
New resource	AWS::EC2::TrafficMirrorFilterRule resource type added.	April 22, 2025
New resource	AWS::CloudFront::ConnectionGroup resource type added.	April 19, 2025
New resource	AWS::ECR::RegistryScanningConfiguration resource type added.	April 16, 2025
New resource	AWS::SES::MailManagerAddressList resource type added.	April 16, 2025
New resource	AWS::Bedrock::IntelligentPromptRouter resource type added.	April 4, 2025
New resource	AWS::DSQL::Cluster resource type added.	April 4, 2025
New resource	AWS::DataZone::Connection resource type added.	March 20, 2025

New resource	AWS::AIOps::InvestigationGroup resource type added.	March 18, 2025
New resource	AWS::EC2::TrafficMirrorFilter resource type added.	March 18, 2025
New resource	AWS::IoTSiteWise::Dataset resource type added.	March 17, 2025
New resource	AWS::Route53Resolver::ResolverEndpoint resource type added.	March 13, 2025
New resource	AWS::ApplicationSignals::Discovery resource type added.	March 4, 2025
New resource	AWS::Bedrock::Blueprint resource type added.	February 27, 2025
New resource	AWS::Bedrock::DataAutomationProject resource type added.	February 27, 2025
New resource	AWS::OpenSearchServerless::Index resource type added.	February 27, 2025
New resource	AWS::XRay::TransactionSearchConfig resource type added.	February 25, 2025
New resource	AWS::Batch::ConsumableResource resource type added.	February 20, 2025

New resource	AWS::EC2::RouteServiceAssociation resource type added.	February 10, 2025
New resource	AWS::EC2::RouteServiceEndpoint resource type added.	February 10, 2025
New resource	AWS::EC2::RouteServicePeer resource type added.	February 10, 2025
New resource	AWS::EC2::RouteServicePropagation resource type added.	February 10, 2025
New resource	AWS::Transfer::WebApp resource type added.	February 6, 2025
New resource	AWS::Deadline::Limit resource type added.	February 1, 2025
New resource	AWS::Deadline::QueueLimitAssociation resource type added.	February 1, 2025
New resource	AWS::EC2::RouteServiceVer resource type added.	January 29, 2025
New resource	AWS::CloudFront::VpcOrigin resource type added.	January 27, 2025
New resource	AWS::Notifications::ManagedNotificationAccountContactAssociation resource type added.	January 16, 2025

<u>New resource</u>	<u>AWS::Notifications::ManagedNotificationAdditionalChannelAssociation</u> resource type added.	January 16, 2025
<u>New resource</u>	<u>AWS::Notifications::ChannelAssociation</u> resource type added.	January 7, 2025
<u>New resource</u>	<u>AWS::Notifications::EventRule</u> resource type added.	January 7, 2025
<u>New resource</u>	<u>AWS::Notifications::NotificationConfiguration</u> resource type added.	January 7, 2025
<u>New resource</u>	<u>AWS::Notifications::NotificationHub</u> resource type added.	January 7, 2025
<u>New resource</u>	<u>AWS::Connect::ContactFlowVersion</u> resource type added.	January 6, 2025
<u>New resource</u>	<u>AWS::Notifications::Contacts::EmailContact</u> resource type added.	December 30, 2024
<u>New resource</u>	<u>AWS::CloudFront::AnycastIpList</u> resource type added.	December 23, 2024
<u>New resource</u>	<u>AWS::GuardDuty::PublishingDestination</u> resource type added.	December 16, 2024

New resource	AWS::Cassandra::Type resource type added.	December 15, 2024
New resource	AWS::PCS::ComputeNodeGroup resource type added.	December 13, 2024
New resource	AWS::PCS::Queue resource type added.	December 13, 2024
New resource	AWS::NetworkManager::DirectConnectGatewayAttachment resource type added.	December 11, 2024
New resource	AWS::PCS::Cluster resource type added.	December 11, 2024
New resource	AWS::QuickSight::CustomPermissions resource type added.	December 11, 2024
New resource	AWS::RAM::ResourceShare resource type added.	December 11, 2024
New resource	AWS::S3Tables::TableBucket resource type added.	December 9, 2024
New resource	AWS::S3Tables::TableBucketPolicy resource type added.	December 9, 2024
New resource	AWS::VpcLattice::ResourceConfiguration resource type added.	December 6, 2024

New resource	AWS::VpcLattice::ResourceGateway resource type added.	December 6, 2024
New resource	AWS::VpcLattice::ServiceNetworkResourceAssociation resource type added.	December 6, 2024
New resource	AWS::SageMaker::PartnerApp resource type added.	December 2, 2024
New resource	AWS::MemoryDB::MultiRegionCluster resource type added.	December 1, 2024
New resource	AWS::Cognito::ManagedLoginBranding resource type added.	November 23, 2024
New resource	AWS::Wisdom::AIGuardrailVersion resource type added.	November 23, 2024
New resource	AWS::Logs::Integration resource type added.	November 22, 2024
New resource	AWS::QBusiness::DataAccessor resource type added.	November 22, 2024
New resource	AWS::QBusiness::Permission resource type added.	November 22, 2024
New resource	AWS::Wisdom::AIGuardrail resource type added.	November 22, 2024

New resource	AWS::Chatbot::CustomerAction resource type added.	November 21, 2024
New resource	AWS::IVS::IngestConfiguration resource type added.	November 21, 2024
New resource	AWS::WorkSpacesWeb::DataProtectionSettings resource type added.	November 21, 2024
New resource	AWS::Logs::Transformer resource type added.	November 20, 2024
New resource	AWS::ResourceGroups::TagSyncTask resource type added.	November 20, 2024
New resource	AWS::CustomerProfiles::EventTrigger resource type added.	November 19, 2024
New resource	AWS::Wisdom::MessageTemplateVersion resource type added.	November 17, 2024
New resource	AWS::CloudTrail::Dashboard resource type added.	November 15, 2024
New resource	AWS::EC2::VPCBlockPublicAccessExclusion resource type added.	November 15, 2024
New resource	AWS::EC2::VPCBlockPublicAccessOptions resource type added.	November 14, 2024

New resource	AWS::Invoicing::InvoiceUnit resource type added.	November 13, 2024
New resource	AWS::Wisdom::MessageTemplate resource type added.	November 13, 2024
New resource	AWS::CloudFormation::GuardHook resource type added.	November 11, 2024
New resource	AWS::CloudFormation::LambdaHook resource type added.	November 11, 2024
New resource	AWS::GameLift::ContainerFleet resource type added.	November 11, 2024
New resource	AWS::Wisdom::AIAge resource type added.	November 5, 2024
New resource	AWS::Wisdom::AIAgent resource type added.	November 4, 2024
New resource	AWS::ApiGateway::BasePathMappingV2 resource type added.	November 1, 2024
New resource	AWS::ApiGateway::DomainNameAccessAssociation resource type added.	November 1, 2024
New resource	AWS::ApiGateway::DomainNameV2 resource type added.	November 1, 2024

New resource	AWS::Rbin::Rule resource type added.	October 31, 2024
New resource	AWS::Wisdom::AIPro mptVersion resource type added.	October 31, 2024
New resource	AWS::AppSync::Channe lNamespace resource type added.	October 30, 2024
New resource	AWS::M2::Deployment resource type added.	October 29, 2024
New resource	AWS::RDS::DBShardGroup resource type added.	October 27, 2024
New resource	AWS::Bedrock::ApplicationInferenceProfile resource type added.	October 26, 2024
New resource	AWS::SageMaker::Endpoint resource type added.	October 23, 2024
New resource	AWS::AppSync::GraphQLApi resource type added.	October 22, 2024
New resource	AWS::AppSync::Api resource type added.	October 21, 2024
New resource	AWS::OpenSearchService::Application resource type added.	October 18, 2024
New resource	AWS::Connect::EmailAddress resource type added.	October 17, 2024

<u>New resource</u>	<u>AWS::DMS::DataMigration</u> resource type added.	October 17, 2024
<u>New resource</u>	<u>AWS::Wisdom::AIPrompt</u> resource type added.	October 15, 2024
<u>New resource</u>	<u>AWS::Redshift::Integration</u> resource type added.	October 14, 2024
<u>New resource</u>	<u>AWS::Kinesis::ResourcePolicy</u> resource type added.	October 10, 2024
<u>New resource</u>	<u>AWS::NetworkFirewall::VpcEndpointAssociation</u> resource type added.	October 10, 2024
<u>New resource</u>	<u>AWS::IoTSiteWise::Gateway</u> resource type added.	October 2, 2024
<u>New resource</u>	<u>AWS::Glue::UsageProfile</u> resource type added.	October 1, 2024
<u>New resource</u>	<u>AWS::EC2::SecurityGroupVpcAssociation</u> resource type added.	September 26, 2024
<u>New resource</u>	<u>AWS::QuickSight::Finder</u> resource type added.	September 25, 2024
<u>New resource</u>	<u>AWS::ConnectCampaignsV2::Campaign</u> resource type added.	September 23, 2024

New resource	<u>AWS::CustomerProfiles::SegmentDefinition</u> resource type added.	September 17, 2024
New resource	<u>AWS::DataZone::EnvironmentActions</u> resource type added.	September 13, 2024
New resource	<u>AWS::AppConfig::Deployment</u> resource type added.	September 11, 2024
New resource	<u>AWS::MediaLive::ChannelPlacementGroup</u> resource type added.	September 9, 2024
New resource	<u>AWS::MediaLive::Cluster</u> resource type added.	September 9, 2024
New resource	<u>AWS::MediaLive::Network</u> resource type added.	September 9, 2024
New resource	<u>AWS::MediaLive::SdiSource</u> resource type added.	September 9, 2024
New resource	<u>AWS::Backup::LogicalAirGappedBackupVault</u> resource type added.	September 5, 2024
New resource	<u>AWS::AppConfig::DeploymentStrategy</u> resource type added.	September 3, 2024
New resource	<u>AWS::SageMaker::Cluster</u> resource type added.	August 27, 2024

New resource	<code>AWS::IoTFleetWise::StateTemplate</code> resource type added.	August 23, 2024
New resource	<code>AWS::IoT::Command</code> resource type added.	August 22, 2024
New resource	<code>AWS::Connect::AgentStatus</code> resource type added.	August 20, 2024
New resource	<code>AWS::IVS::PublicKey</code> resource type added.	August 20, 2024
New resource	<code>AWS::SecretsManager::SecretTargetAttachment</code> resource type added.	August 19, 2024
New resource	<code>AWS::SNS::Subscription</code> resource type added.	August 16, 2024
New resource	<code>AWS::ApiGatewayV2::Integration</code> resource type added.	August 15, 2024
New resource	<code>AWS::Connect::UserHierarchyStructure</code> resource type added.	August 14, 2024
New resource	<code>AWS::Glue::Crawler</code> resource type added.	August 12, 2024
New resource	<code>AWS::PCACollectors::Challenge</code> resource type added.	August 1, 2024

New resource	AWS::PCAConnectorS	August 1, 2024
	CEP::Connector resource type added.	
New resource	AWS::CleanRooms::IdMappingTable	July 28, 2024
	dMappingTable resource type added.	
New resource	AWS::CleanRooms::IdNamespaceAssociation	July 28, 2024
	resource type added.	
New resource	AWS::SageMaker::StudioLifecycleConfig	July 25, 2024
	resource type added.	
New resource	AWS::Glue::Database	July 19, 2024
	resource type added.	
New resource	AWS::Glue::Job	July 17, 2024
	resource type added.	
New resource	AWS::SageMaker::MlflowTrackingServer	July 15, 2024
	resource type added.	
New resource	AWS::Bedrock::Flow	July 10, 2024
	resource type added.	
New resource	AWS::Bedrock::FlowAlias	July 10, 2024
	resource type added.	
New resource	AWS::Bedrock::FlowVersion	July 10, 2024
	resource type added.	
New resource	AWS::Bedrock::Prompt	July 10, 2024
	resource type added.	

New resource	<code>AWS::Bedrock::Prom</code> <code>ptVersion</code> resource type added.	July 10, 2024
New resource	<code>AWS::ARCZonalShift</code> <code>::AutoshiftObserve</code> <code>rNotificationStatus</code> resource type added.	July 9, 2024
New resource	<code>AWS::SES::MailManagerAddonInstance</code> resource type added.	June 26, 2024
New resource	<code>AWS::SES::MailManagerAddonSubscription</code> resource type added.	June 26, 2024
New resource	<code>AWS::SES::MailManagerArchive</code> resource type added.	June 26, 2024
New resource	<code>AWS::SES::MailManagerIngressPoint</code> resource type added.	June 26, 2024
New resource	<code>AWS::SES::MailManagerRelay</code> resource type added.	June 26, 2024
New resource	<code>AWS::SES::MailManagerRuleSet</code> resource type added.	June 26, 2024
New resource	<code>AWS::SES::MailManagerTrafficPolicy</code> resource type added.	June 26, 2024
New resource	<code>AWS::Glue::Trigger</code> resource type added.	June 21, 2024

New resource	<code>AWS::WorkSpaces::WorkspacesPool</code> resource type added.	June 21, 2024
New resource	<code>AWS::Events::Archive</code> resource type added.	June 20, 2024
New resource	<code>AWS::LaunchWizard::Deployment</code> resource type added.	June 19, 2024
New resource	<code>AWS::CodePipeline::Pipeline</code> resource type added.	June 12, 2024
New resource	<code>AWS::GuardDuty::MlwareProtectionPlan</code> resource type added.	June 11, 2024
New resource	<code>AWS::AppTest::TestCase</code> resource type added.	June 10, 2024
New resource	<code>AWS::MediaLive::CloudWatchAlarmTemplate</code> resource type added.	June 6, 2024
New resource	<code>AWS::MediaLive::CloudWatchAlarmTemplateGroup</code> resource type added.	June 6, 2024
New resource	<code>AWS::MediaLive::EventBridgeRuleTemplate</code> resource type added.	June 6, 2024
New resource	<code>AWS::MediaLive::EventBridgeRuleTemplateGroup</code> resource type added.	June 6, 2024

New resource	AWS::MediaLive::SignalMap resource type added.	June 6, 2024
New resource	AWS::Transfer::Server resource type added.	June 6, 2024
New resource	AWS::Transfer::User resource type added.	June 6, 2024
New resource	AWS::Deadline::Monitor resource type added.	June 5, 2024
New resource	AWS::CloudWatch::Dashboard resource type added.	May 29, 2024
New resource	AWS::SecurityHub::ConfigurationPolicy resource type added.	May 24, 2024
New resource	AWS::SecurityHub::PolicyAssociation resource type added.	May 24, 2024
New resource	AWS::SecurityHub::FindingAggregator resource type added.	May 23, 2024
New resource	AWS::SecurityHub::OrganizationConfiguration resource type added.	May 22, 2024
New resource	AWS::SecurityLake::SubscriberNotification resource type added.	May 22, 2024

New resource	AWS::DataZone::GroupProfile resource type added.	May 19, 2024
New resource	AWS::DataZone::ProjectMembership resource type added.	May 16, 2024
New resource	AWS::DataZone::UserProfile resource type added.	May 16, 2024
New resource	AWS::Bedrock::GuardrailVersion resource type added.	May 7, 2024
New resource	AWS::SSO::Application resource type added.	May 3, 2024
New resource	AWS::SSO::ApplicationAssignment resource type added.	May 3, 2024
New resource	AWS::SSO::Instance resource type added.	May 3, 2024
New resource	AWS::ApplicationSignals::ServiceLevelObjective resource type added.	May 1, 2024
New resource	AWS::SecurityHub::SecurityControl resource type added.	May 1, 2024
New resource	AWS::GameLift::ContainerGroupDefinition resource type added.	April 20, 2024

New resource	AWS::QBussiness::Data <u>taSource</u> resource type added.	April 12, 2024
New resource	AWS::PaymentCrypto <u>graphy::Alias</u> resource type added.	April 11, 2024
New resource	AWS::PaymentCrypto <u>graphy::Key</u> resource type added.	April 11, 2024
New resource	AWS::ECR::RepositoryCreationTemplate resource type added.	April 5, 2024
New resource	AWS::IVS::EncoderConfiguration resource type added.	April 3, 2024
New resource	AWS::IVS::PlaybackRestrictionPolicy resource type added.	April 3, 2024
New resource	AWS::IVS::StorageConfiguration resource type added.	April 3, 2024
New resource	AWS::QBussiness::Plugin resource type added.	April 2, 2024
New resource	AWS::QBussiness::Retriever resource type added.	April 2, 2024
New resource	AWS::QBussiness::WebExperience resource type added.	April 2, 2024

New resource	AWS::Cognito::UserPoolDomain	April 1, 2024
	resource type added.	
New resource	AWS::Cognito::UserPoolIdentityProvider	April 1, 2024
	resource type added.	
New resource	AWS::Cognito::UserPoolResourceServer	April 1, 2024
	resource type added.	
New resource	AWS::Cognito::UserPoolUICustomizationAttachment	April 1, 2024
	resource type added.	
New resource	AWS::SecurityLake::AwsLogSource	March 31, 2024
	resource type added.	
New resource	AWS::SecurityLake::Subscriber	March 31, 2024
	resource type added.	
New resource	AWS::Timestream::InfluxDBInstance	March 30, 2024
	resource type added.	
New resource	AWS::Deadline::Farm	March 29, 2024
	resource type added.	
New resource	AWS::Deadline::Fleet	March 29, 2024
	resource type added.	
New resource	AWS::Deadline::LicenseEndpoint	March 29, 2024
	resource type added.	

New resource	<code>AWS::Deadline::MetedProduct</code> resource type added.	March 29, 2024
New resource	<code>AWS::Deadline::Queue</code> resource type added.	March 29, 2024
New resource	<code>AWS::Deadline::QueueEnvironment</code> resource type added.	March 29, 2024
New resource	<code>AWS::Deadline::QueueFleetAssociation</code> resource type added.	March 29, 2024
New resource	<code>AWS::Deadline::StorageProfile</code> resource type added.	March 29, 2024
New resource	<code>AWS::SecurityLake::DataLake</code> resource type added.	March 28, 2024
New resource	<code>AWS::Bedrock::Guardrail</code> resource type added.	March 26, 2024
New resource	<code>AWS::CleanRooms::PrivacyBudgetTemplate</code> resource type added.	March 26, 2024
New resource	<code>AWS::Bedrock::DataSource</code> resource type added.	March 25, 2024
New resource	<code>AWS::Bedrock::KnowledgeBase</code> resource type added.	March 25, 2024

New resource	AWS::EntityResolution::IdNamespace resource type added.	March 25, 2024
New resource	AWS::EntityResolution::PolicyStatement resource type added.	March 25, 2024
New resource	AWS::QBusiness::Index resource type added.	March 25, 2024
New resource	AWS::Route53Profiles::ProfileAssociation resource type added.	March 24, 2024
New resource	AWS::Route53Profiles::ProfileResourceAssociation resource type added.	March 24, 2024
New resource	AWS::SecurityHub::DelegatedAdmin resource type added.	March 21, 2024
New resource	AWS::SecurityHub::Insight resource type added.	March 21, 2024
New resource	AWS::SecurityHub::ProductSubscription resource type added.	March 21, 2024
New resource	AWS::CleanRoomsML::TrainingDataset resource type added.	March 20, 2024
New resource	AWS::Route53Profiles::Profile resource type added.	March 20, 2024

New resource	<code>AWS::Bedrock::Agent</code> resource type added.	March 19, 2024
New resource	<code>AWS::Bedrock::AgentAlias</code> resource type added.	March 19, 2024
New resource	<code>AWS::KafkaConnect::CustomPlugin</code> resource type added.	March 18, 2024
New resource	<code>AWS::KafkaConnect::WorkerConfiguration</code> resource type added.	March 18, 2024
New resource	<code>AWS::APS::Scraper</code> resource type added.	March 15, 2024
New resource	<code>AWS::SSMQuickSetup::ConfigurationManager</code> resource type added.	March 14, 2024
New resource	<code>AWS::CodeArtifact::PackageGroup</code> resource type added.	March 12, 2024
New resource	<code>AWS::QBusiness::Application</code> resource type added.	March 5, 2024
New resource	<code>AWS::Lambda::Alias</code> resource type added.	February 28, 2024
New resource	<code>AWS::BCMDATAExport::Export</code> resource type added.	February 26, 2024

New resource	AWS::ControlTower::EnabledBaseline resource type added.	February 14, 2024
New resource	AWS::GuardDuty::Master resource type added.	February 6, 2024
New resource	AWS::CodeConnectio ns::Connection resource type added.	February 5, 2024
New resource	AWS::RDS::Integrat ion resource type added.	January 26, 2024
New resource	AWS::InspectorV2::CisScanConfigurati on resource type added.	January 25, 2024
New resource	AWS::EC2::TransitG atewayRouteTablePr opagation resource type added.	January 18, 2024
New resource	AWS::AppConfig::Ap plication resource type added.	January 17, 2024
New resource	AWS::AppConfig::Co nfigurationProfile resource type added.	January 17, 2024
New resource	AWS::AppConfig::Ho stedConfigurationV ersion resource type added.	January 17, 2024
New resource	AWS::EC2::TransitG atewayRoute resource type added.	January 16, 2024

New resource	AWS::EC2::TransitGatewayRouteTableAssociation resource type added.	January 16, 2024
New resource	AWS::GlobalAccelerator::CrossAccountAttachment resource type added.	January 16, 2024
New resource	AWS::DataZone::EnvironmentBlueprintConfiguration resource type added.	January 12, 2024
New resource	AWS::AppSync::DataSource resource type added.	January 10, 2024
New resource	AWS::IVS::Stage resource type added.	January 8, 2024
New resource	AWS::DataZone::Environment resource type added.	January 2, 2024
New resource	AWS::DataZone::DataSource resource type added.	January 1, 2024
New resource	AWS::DataZone::SubscriptionTarget resource type added.	January 1, 2024
New resource	AWS::Location::APIKey resource type added.	December 29, 2023

New resource	AWS::DataZone::EnvironmentProfile resource type added.	December 28, 2023
New resource	AWS::DataZone::Project resource type added.	December 26, 2023
New resource	AWS::DataZone::Domain resource type added.	December 21, 2023
New resource	AWS::SSMGuiConnect::Preferences resource type added.	December 19, 2023
New resource	AWS::ImageBuilder::Workflow resource type added.	December 14, 2023
New resource	AWS::Connect::DefinedAttribute resource type added.	December 13, 2023
New resource	AWS::EC2::SnapshotBlockPublicAccess resource type added.	December 13, 2023
New resource	AWS::B2BI::Capability resource type added.	December 10, 2023
New resource	AWS::B2BI::Partnership resource type added.	December 10, 2023
New resource	AWS::B2BI::Transformer resource type added.	December 10, 2023
New resource	AWS::B2BI::Profile resource type added.	December 7, 2023

New resource	AWS::CloudFront::KeyValueStore resource type added.	December 7, 2023
New resource	AWS::ControlTower::LandingZone resource type added.	November 24, 2023
New resource	AWS::S3::AccessGrant resource type added.	November 22, 2023
New resource	AWS::S3::AccessGrantsInstance resource type added.	November 22, 2023
New resource	AWS::S3::AccessGrantsLocation resource type added.	November 22, 2023
New resource	AWS::AppConfig::Environment resource type added.	November 19, 2023
New resource	AWS::FIS::TargetAccountConfiguration resource type added.	November 19, 2023
New resource	AWS::SageMaker::InferenceComponent resource type added.	November 18, 2023
New resource	AWS::ElastiCache::ServerlessCache resource type added.	November 17, 2023
New resource	AWS::Lambda::EventInvokeConfig resource type added.	November 16, 2023

New resource	AWS::EKS::PodIdentityAssociation resource type added.	November 15, 2023
New resource	AWS::NeptuneGraph::Graph resource type added.	November 11, 2023
New resource	AWS::NeptuneGraph::PrivateGraphEndpoint resource type added.	November 11, 2023
New resource	AWS::DMS::DataProvider resource type added.	November 10, 2023
New resource	AWS::DMS::InstanceProfile resource type added.	November 10, 2023
New resource	AWS::DMS::MigrationProject resource type added.	November 10, 2023
New resource	AWS::Logs::LogAnalyticsDetector resource type added.	November 10, 2023
New resource	AWS::ApplicationAutoScaling::ScalingPolicy resource type added.	November 9, 2023
New resource	AWS::CodeBuild::Flight resource type added.	November 9, 2023
New resource	AWS::ElasticLoadBalancingV2::TrustStore resource type added.	November 9, 2023

New resource	AWS::ElasticLoadBalancingV2::TrustStoreRevocation resource type added.	November 9, 2023
New resource	AWS::OpenSearchServerless::LifecyclePolicy resource type added.	November 9, 2023
New resource	AWS::WorkSpacesThinClient::Environment resource type added.	November 9, 2023
New resource	AWS::GameLift::GameSessionQueue resource type added.	November 8, 2023
New resource	AWS::GameLift::MatchingConfiguration resource type added.	November 8, 2023
New resource	AWS::GameLift::MatchingRuleSet resource type added.	November 8, 2023
New resource	AWS::GameLift::Script resource type added.	November 8, 2023
New resource	AWS::Backup::RestoreTestingPlan resource type added.	November 7, 2023
New resource	AWS::Backup::RestoreTestingSelection resource type added.	November 7, 2023
New resource	AWS::EC2::Instance resource type added.	November 7, 2023

New resource	<code>AWS::MediaLive::Multiplex</code> <code>resource type added.</code>	November 3, 2023
New resource	<code>AWS::MediaLive::MultiplexProgram</code> <code>resource type added.</code>	November 3, 2023
New resource	<code>AWS::ARCZonalShiftConfiguration</code> <code>resource type added.</code>	November 1, 2023
New resource	<code>AWS::CodeStarConnections::RepositoryLink</code> <code>resource type added.</code>	October 31, 2023
New resource	<code>AWS::CodeStarConnections::SyncConfiguration</code> <code>resource type added.</code>	October 31, 2023
New resource	<code>AWS::ImageBuilder::LifecyclePolicy</code> <code>resource type added.</code>	October 27, 2023
New resource	<code>AWS::S3::StorageLensGroup</code> <code>resource type added.</code>	October 27, 2023
New resource	<code>AWS::IoT::CertificateProvider</code> <code>resource type added.</code>	October 26, 2023
New resource	<code>AWS::Logs::Delivery</code> <code>resource type added.</code>	October 26, 2023

New resource	AWS::Logs::DeliveryDestination resource type added.	October 26, 2023
New resource	AWS::Logs::DeliverySource resource type added.	October 26, 2023
New resource	AWS::GuardDuty::Member resource type added.	October 19, 2023
New resource	AWS::EntityResolution::IdMappingWorkflow resource type added.	October 14, 2023
New resource	AWS::Cognito::UserPoolRiskConfigurationAttachment resource type added.	October 12, 2023
New resource	AWS::IAM::User resource type added.	October 12, 2023
New resource	AWS::GuardDuty::IPSet resource type added.	October 9, 2023
New resource	AWS::GuardDuty::ThreatIntelSet resource type added.	October 9, 2023
New resource	AWS::GuardDuty::Filter resource type added.	October 5, 2023
New resource	AWS::MSK::Replicator resource type added.	October 5, 2023
New resource	AWS::AmazonMQ::Configuration resource type added.	October 3, 2023

New resource	AWS::IAM::Group resource type added.	October 3, 2023
New resource	AWS::IoT::SoftwarePackage resource type added.	October 2, 2023
New resource	AWS::IoT::SoftwarePackageVersion resource type added.	October 2, 2023
New resource	AWS::EC2::SecurityGroupIngress resource type added.	September 28, 2023
New resource	AWS::AppSync::FunctionConfiguration resource type added.	September 22, 2023
New resource	AWS::EC2::SecurityGroupEgress resource type added.	September 16, 2023
New resource	AWS::HealthImaging::Datastore resource type added.	September 12, 2023
New resource	AWS::EMR::Step resource type added.	September 11, 2023
New resource	AWS::S3Express::BucketPolicy resource type added.	September 7, 2023
New resource	AWS::S3Express::DirectoryBucket resource type added.	September 7, 2023

New resource	<code>AWS::Connect::SecurityProfile</code> resource type added.	September 1, 2023
New resource	<code>AWS::Cognito::LogDeliveryConfiguration</code> resource type added.	August 31, 2023
New resource	<code>AWS::EntityResolution::MatchingWorkflow</code> resource type added.	August 23, 2023
New resource	<code>AWS::CleanRooms::AnalysisTemplate</code> resource type added.	August 19, 2023
New resource	<code>AWS::WorkSpacesWeb::BrowserSettings</code> resource type added.	August 18, 2023
New resource	<code>AWS::WorkSpacesWeb::IdentityProvider</code> resource type added.	August 18, 2023
New resource	<code>AWS::WorkSpacesWeb::IpAccessSettings</code> resource type added.	August 18, 2023
New resource	<code>AWS::WorkSpacesWeb::NetworkSettings</code> resource type added.	August 18, 2023
New resource	<code>AWS::WorkSpacesWeb::Portal</code> resource type added.	August 18, 2023
New resource	<code>AWS::WorkSpacesWeb::TrustStore</code> resource type added.	August 18, 2023

New resource	AWS::WorkSpacesWeb::UserAccessLoginSettings resource type added.	August 18, 2023
New resource	AWS::WorkSpacesWeb::UserSettings resource type added.	August 18, 2023
New resource	AWS::Events::EventBus resource type added.	August 16, 2023
New resource	AWS::EntityResolution::SchemaMapping resource type added.	August 15, 2023
New resource	AWS::EMR::WALWorksSpace resource type added.	August 12, 2023
New resource	AWS::Connect::View resource type added.	August 10, 2023
New resource	AWS::Connect::ViewVersion resource type added.	August 10, 2023
New resource	AWS::MediaPackageV2::Channel resource type added.	August 10, 2023
New resource	AWS::MediaPackageV2::ChannelGroup resource type added.	August 10, 2023
New resource	AWS::MediaPackageV2::ChannelPolicy resource type added.	August 10, 2023

New resource	AWS::MediaPackageV2::OriginEndpoint resource type added.	August 10, 2023
New resource	AWS::MediaPackageV2::OriginEndpointPolicy resource type added.	August 10, 2023
New resource	AWS::Cognito::UserPoolUserToGroupAttachment resource type added.	August 8, 2023
New resource	AWS::Cognito::IdentityPool resource type added.	August 7, 2023
New resource	AWS::Cognito::IdentityPoolRoleAssignment resource type added.	August 7, 2023
New resource	AWS::ApiGateway::VpcLink resource type added.	August 2, 2023
New resource	AWS::Cognito::UserPool resource type added.	July 31, 2023
New resource	AWS::Cognito::UserPoolClient resource type added.	July 31, 2023
New resource	AWS::Cognito::UserPoolGroup resource type added.	July 31, 2023
New resource	AWS::Cognito::UserPoolUser resource type added.	July 31, 2023

New resource	AWS::NetworkFirewall::TLSInspectionConfiguration resource type added.	July 27, 2023
New resource	AWS::EC2::VPCGatewayAttachment resource type added.	July 24, 2023
New resource	AWS::PCAConnectorAD::Connector resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::DirectoryRegistration resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::ServicePrincipalName resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::Template resource type added.	July 19, 2023
New resource	AWS::PCAConnectorAD::TemplateGroupAccessControlEntry resource type added.	July 19, 2023
New resource	AWS::EC2::VPCEndpointConnectionNotification resource type added.	July 17, 2023

New resource	AWS::SQS::QueueInLinePolicy	July 17, 2023
	resource type added.	
New resource	AWS::MediaTailor::Channel	July 14, 2023
	resource type added.	
New resource	AWS::MediaTailor::ChannelPolicy	July 14, 2023
	resource type added.	
New resource	AWS::MediaTailor::LiveSource	July 14, 2023
	resource type added.	
New resource	AWS::MediaTailor::SourceLocation	July 14, 2023
	resource type added.	
New resource	AWS::MediaTailor::VodSource	July 14, 2023
	resource type added.	
New resource	AWS::Batch::JobDefinition	July 7, 2023
	resource type added.	
New resource	AWS::DMS::ReplicationConfig	July 6, 2023
	resource type added.	
New resource	AWS::EC2::Route	July 6, 2023
	resource type added.	
New resource	AWS::Connect::RoutingProfile	June 30, 2023
	resource type added.	

New resource	AWS::SNS::TopicInLinePolicy resource type added.	June 29, 2023
New resource	AWS::Connect::Queue resource type added.	June 28, 2023
New resource	AWS::AppStream::AppBlockBuilder resource type added.	June 26, 2023
New resource	AWS::Logs::AccountPolicy resource type added.	June 26, 2023
New resource	AWS::EC2::VPCCidrBlock resource type added.	June 23, 2023
New resource	AWS::AppRunner::AutoScalingConfiguration resource type added.	June 21, 2023
New resource	AWS::AppSync::Resolver resource type added.	June 21, 2023
New resource	AWS::EC2::InstanceConnectEndpoint resource type added.	June 21, 2023
New resource	AWS::CloudFormation::Stack resource type added.	June 19, 2023
New resource	AWS::Config::ConfigRule resource type added.	June 16, 2023
New resource	AWS::IAM::UserPolicy resource type added.	June 13, 2023

New resource	AWS::Events::Rule resource type added.	June 12, 2023
New resource	AWS::VerifiedPermissions::IdentitySource resource type added.	June 11, 2023
New resource	AWS::VerifiedPermissions::Policy resource type added.	June 11, 2023
New resource	AWS::VerifiedPermissions::PolicyStore resource type added.	June 11, 2023
New resource	AWS::VerifiedPermissions::PolicyTemplate resource type added.	June 11, 2023
New resource	AWS::EC2::TransitGatewayRouteTable resource type added.	June 7, 2023
New resource	AWS::SecurityHub::AutomationRule resource type added.	June 6, 2023
New resource	AWS::IAM::GroupPolicy resource type added.	June 5, 2023
New resource	AWS::IAM::RolePolicy resource type added.	June 5, 2023
New resource	AWS::MediaConnect::Bridge resource type added.	June 5, 2023

New resource	AWS::MediaConnect::BridgeOutput resource type added.	June 5, 2023
New resource	AWS::MediaConnect::BridgeSource resource type added.	June 5, 2023
New resource	AWS::MediaConnect::Gateway resource type added.	June 5, 2023
New resource	AWS::SecurityHub::Standard resource type added.	June 5, 2023
New resource	AWS::StepFunctions::StateMachineAlias resource type added.	June 4, 2023
New resource	AWS::StepFunctions::StateMachineVersion resource type added.	June 4, 2023
New resource	AWS::CustomerProfiles::EventStream resource type added.	June 2, 2023
New resource	AWS::Athena::CapacityReservation resource type added.	May 31, 2023
New resource	AWS::CleanRooms::Collaboration resource type added.	May 26, 2023
New resource	AWS::CleanRooms::ConfiguredTable resource type added.	May 26, 2023

New resource	AWS::CleanRooms::ConfiguredTableAssociation resource type added.	May 26, 2023
New resource	AWS::CleanRooms::Membership resource type added.	May 26, 2023
New resource	AWS::AppIntegrations::Application resource type added.	May 25, 2023
New resource	AWS::Connect::TrafficDistributionGroup resource type added.	May 23, 2023
New resource	AWS::EC2::EIPAssociation resource type added.	May 23, 2023
New resource	AWS::EC2::NetworkInterfaceAttachment resource type added.	May 22, 2023
New resource	AWS::RDS::CustomDBEngineVersion resource type added.	May 19, 2023
New resource	AWS::EC2::VolumeAttachment resource type added.	May 18, 2023
New resource	AWS::Organizations::Organization resource type added.	May 16, 2023
New resource	AWS::SecurityHub::Hub resource type added.	May 16, 2023

New resource	AWS::AppSync::SourceApiAssociation resource type added.	May 14, 2023
New resource	AWS::Shield::DRTAccess resource type added.	May 11, 2023
New resource	AWS::Shield::ProtectiveEngagement resource type added.	May 11, 2023
New resource	AWS::Shield::Protection resource type added.	May 11, 2023
New resource	AWS::Shield::ProtectionGroup resource type added.	May 11, 2023
New resource	AWS::EKS::AccessEntry resource type added.	May 10, 2023
New resource	AWS::Cognito::IdentityPoolPrincipalTag resource type added.	May 8, 2023
New resource	AWS::CustomerProfiles::CalculatedAttributeDefinition resource type added.	May 8, 2023
New resource	AWS::Connect::Prompt resource type added.	May 3, 2023
New resource	AWS::Proton::EnvironmentAccountConnection resource type added.	May 1, 2023

New resource	AWS::Proton::EnvironmentTemplate	May 1, 2023
	resource type added.	
New resource	AWS::Proton::ServiceTemplate	May 1, 2023
	resource type added.	
New resource	AWS::Detective::OrganizationAdmin	April 29, 2023
	resource type added.	
New resource	AWS::Comprehend::DocumentClassifier	April 21, 2023
	resource type added.	
New resource	AWS::OSIS::Pipeline	April 21, 2023
	resource type added.	
New resource	AWS::IAM::ManagedPolicy	April 17, 2023
	resource type added.	
New resource	AWS::BackupGateway::Hypervisor	April 16, 2023
	resource type added.	
New resource	AWS::EC2::VerifiedAccessEndpoint	April 16, 2023
	resource type added.	
New resource	AWS::Lambda::LayerVersionPermission	April 15, 2023
	resource type added.	
New resource	AWS::Connect::EvaluationForm	April 12, 2023
	resource type added.	

New resource	AWS::FraudDetector::List resource type added.	April 12, 2023
New resource	AWS::IAM::ServiceLinkedRole resource type added.	April 12, 2023
New resource	AWS::GameLift::Build resource type added.	April 10, 2023
New resource	AWS::EC2::LaunchTemplate resource type added.	April 4, 2023
New resource	AWS::DataSync::LocationAzureBlob resource type added.	March 30, 2023
New resource	AWS::EC2::VerifiedAccessGroup resource type added.	March 30, 2023
New resource	AWS::EC2::VerifiedAccessInstance resource type added.	March 30, 2023
New resource	AWS::EC2::VerifiedAccessTrustProvider resource type added.	March 30, 2023
New resource	AWS::QuickSight::VPCCreation resource type added.	March 29, 2023
New resource	AWS::GuardDuty::Detector resource type added.	March 28, 2023

New resource	AWS::IoTWireless::WirelessDeviceImportTask resource type added.	March 28, 2023
New resource	AWS::QuickSight::Topic resource type added.	March 28, 2023
New resource	AWS::AppConfig::Extension resource type added.	March 27, 2023
New resource	AWS::AppConfig::ExtensionAssociation resource type added.	March 27, 2023
New resource	AWS::RAM::Permission resource type added.	March 27, 2023
New resource	AWS::DevOpsGuru::LogAnomalyDetectionIntegration resource type added.	March 22, 2023
New resource	AWS::SSMContacts::Plan resource type added.	March 16, 2023
New resource	AWS::SSMContacts::Rotation resource type added.	March 16, 2023
New resource	AWS::SageMaker::InferenceExperiment resource type added.	March 9, 2023
New resource	AWS::ApiGatewayV2::IntegrationResponse resource type added.	March 7, 2023

<u>New resource</u>	<u>AWS::VpcLattice::AccessLogSubscription</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::AuthPolicy</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::Listener</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::ResourcePolicy</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::Rule</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::Service</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::ServiceNetwork</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::ServiceNetworkServiceAssociation</u> resource type added.	March 7, 2023
<u>New resource</u>	<u>AWS::VpcLattice::ServiceNetworkVpcAssociation</u> resource type added.	March 7, 2023

New resource	AWS::VpcLattice::TargetGroup	March 7, 2023
	resource type added.	
New resource	AWS::AutoScaling::AutoScalingGroup	March 3, 2023
	resource type added.	
New resource	AWS::Neptune::DBCluster	March 3, 2023
	resource type added.	
New resource	AWS::Neptune::DBClusterParameterGroup	March 3, 2023
	resource type added.	
New resource	AWS::Neptune::DBParameterGroup	March 3, 2023
	resource type added.	
New resource	AWS::Neptune::DBSubnetGroup	March 3, 2023
	resource type added.	
New resource	AWS::ManagedBlockchainChain::Accessor	February 21, 2023
	resource type added.	
New resource	AWS::ApiGatewayV2::Route	February 10, 2023
	resource type added.	
New resource	AWS::Comprehend::Flywheel	February 10, 2023
	resource type added.	
New resource	AWS::EC2::VPCEndpointServicePermissions	February 2, 2023
	resource type added.	

New resource	AWS::EC2::IPAMResourceDiscoveryAssociation resource type added.	February 1, 2023
New resource	AWS::InternetMonitor::Monitor resource type added.	January 31, 2023
New resource	AWS::FMS::ResourceSet resource type added.	January 30, 2023
New resource	AWS::SageMaker::ModelCard resource type added.	January 28, 2023
New resource	AWS::EC2::IPAMResourceDiscovery resource type added.	January 25, 2023
New resource	AWS::Omics::AnnotationStore resource type added.	January 25, 2023
New resource	AWS::Omics::ReferenceStore resource type added.	January 25, 2023
New resource	AWS::Omics::RunGroup resource type added.	January 25, 2023
New resource	AWS::Omics::SequenceStore resource type added.	January 25, 2023
New resource	AWS::Omics::VariantStore resource type added.	January 25, 2023

New resource	AWS::Omics::Workflow resource type added.	January 25, 2023
New resource	AWS::CloudTrail::ResourcePolicy resource type added.	January 23, 2023
New resource	AWS::IVSChat::LoggingConfiguration resource type added.	January 23, 2023
New resource	AWS::IVSChat::Room resource type added.	January 23, 2023
New resource	AWS::EC2::IPAMPoolCidr resource type added.	January 22, 2023
New resource	AWS::ApiGatewayV2::RouteResponse resource type added.	January 20, 2023
New resource	AWS::SageMaker::Stage resource type added.	January 20, 2023
New resource	AWS::SimSpaceWeaver::Simulation resource type added.	January 16, 2023
New resource	AWS::Connect::ApprovedOrigin resource type added.	January 14, 2023
New resource	AWS::Connect::IntegrationAssociation resource type added.	January 14, 2023
New resource	AWS::Connect::SecurityKey resource type added.	January 14, 2023

New resource	AWS::QuickSight::RefreshSchedule resource type added.	January 13, 2023
New resource	AWS::SystemsManager::SAP::Application resource type added.	January 11, 2023
New resource	AWS::KendraRanking::ExecutionPlan resource type added.	December 27, 2022
New resource	AWS::Organizations::ResourcePolicy resource type added.	December 22, 2022
New resource	AWS::Grafana::Workspace resource type added.	December 8, 2022
New resource	AWS::MSK::ClusterPolicy resource type added.	December 8, 2022
New resource	AWS::MSK::VpcConnection resource type added.	December 8, 2022
New resource	AWS::CodePipeline::CustomActionType resource type added.	December 5, 2022
New resource	AWS::IoTTwinMaker::SyncJob resource type added.	December 4, 2022
New resource	AWS::DocDBElastic::Cluster resource type added.	December 2, 2022

New resource	AWS::SecretsManager::RotationSchedule resource type added.	December 2, 2022
New resource	AWS::OpenSearchServerless::AccessPolicy resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::Collection resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::SecurityConfig resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::SecurityPolicy resource type added.	November 26, 2022
New resource	AWS::OpenSearchServerless::VpcEndpoint resource type added.	November 26, 2022
New resource	AWS::Pipes::Pipe resource type added.	November 24, 2022
New resource	AWS::GameLift::Location resource type added.	November 20, 2022
New resource	AWS::Connect::Rule resource type added.	November 19, 2022
New resource	AWS::Logs::LogStream resource type added.	November 17, 2022
New resource	AWS::Logs::LogStream resource type added.	November 17, 2022

New resource	AWS::EC2::VPCEndpointService resource type added.	November 16, 2022
New resource	AWS::ElasticBeanstalkConfigurationTemplate resource type added.	November 15, 2022
New resource	AWS::IoT::BillingGroup resource type added.	November 10, 2022
New resource	AWS::IoT::Thing resource type added.	November 10, 2022
New resource	AWS::IoT::ThingGroup resource type added.	November 10, 2022
New resource	AWS::IoT::ThingType resource type added.	November 10, 2022
New resource	AWS::EC2::NetworkPerformanceMetricSubscription resource type added.	November 9, 2022
New resource	AWS::CloudTrail::CloudWatchLogChannel resource type added.	November 8, 2022
New resource	AWS::Logs::SubscriptionFilter resource type added.	November 4, 2022
New resource	AWS::Scheduler::Schedule resource type added.	November 4, 2022

New resource	<code>AWS::Scheduler::ScheduleGroup</code> resource type added.	November 4, 2022
New resource	<code>AWS::SES::VdmAttributes</code> resource type added.	November 2, 2022
New resource	<code>AWS::EC2::VPNConnectionRoute</code> resource type added.	November 1, 2022
New resource	<code>AWS::AppRunner::VpcIngressConnection</code> resource type added.	October 27, 2022
New resource	<code>AWS::Chatbot::MicrosoftTeamsChannelConfiguration</code> resource type added.	October 27, 2022
New resource	<code>AWS::SSM::ResourcePolicy</code> resource type added.	October 25, 2022
New resource	<code>AWS::SecretsManager::ResourcePolicy</code> resource type added.	October 24, 2022
New resource	<code>AWS::ApiGatewayV2::Deployment</code> resource type added.	October 13, 2022
New resource	<code>AWS::SupportApp::SlackWorkspaceConfiguration</code> resource type added.	October 11, 2022

New resource	AWS::ResourceExplorer2::DefaultViewAssociation resource type added.	October 9, 2022
New resource	AWS::ResourceExplorer2::View resource type added.	October 9, 2022
New resource	AWS::DirectoryService::SimpleAD resource type added.	October 6, 2022
New resource	AWS::DataPipeline::Pipeline resource type added.	September 26, 2022
New resource	AWS::Organizations::Account resource type added.	September 26, 2022
New resource	AWS::ResourceExplorer2::Index resource type added.	September 26, 2022
New resource	AWS::Transfer::Agreement resource type added.	September 19, 2022
New resource	AWS::Transfer::Certificate resource type added.	September 19, 2022
New resource	AWS::Transfer::Connector resource type added.	September 19, 2022
New resource	AWS::Transfer::Profile resource type added.	September 19, 2022

New resource	AWS::AmplifyUIBuilder::Form resource type added.	September 13, 2022
New resource	AWS::CodeDeploy::Application resource type added.	September 6, 2022
New resource	AWS::CodeDeploy::DeploymentConfig resource type added.	September 6, 2022
New resource	AWS::FSx::DataRepositoryAssociation resource type added.	August 31, 2022
New resource	AWS::Oam::Sink resource type added.	August 29, 2022
New resource	AWS::M2::Application resource type added.	August 25, 2022
New resource	AWS::M2::Environment resource type added.	August 25, 2022
New resource	AWS::CloudFront::OriginAccessControl resource type added.	August 24, 2022
New resource	AWS::ElastiCache::ParameterGroup resource type added.	August 23, 2022
New resource	AWS::ElastiCache::SubnetGroup resource type added.	August 23, 2022
New resource	AWS::Macie::AllowList resource type added.	August 23, 2022

New resource	AWS::ApiGatewayV2::ApiMapping resource type added.	August 17, 2022
New resource	AWS::ApiGatewayV2::Authorizer resource type added.	August 17, 2022
New resource	AWS::IoTFleetWise::Campaign resource type added.	August 16, 2022
New resource	AWS::IoTFleetWise::DecoderManifest resource type added.	August 16, 2022
New resource	AWS::IoTFleetWise::Fleet resource type added.	August 16, 2022
New resource	AWS::IoTFleetWise::ModelManifest resource type added.	August 16, 2022
New resource	AWS::IoTFleetWise::SignalCatalog resource type added.	August 16, 2022
New resource	AWS::IoTFleetWise::Vehicle resource type added.	August 16, 2022
New resource	AWS::NetworkManager::TransitGatewayPeering resource type added.	August 16, 2022

<u>New resource</u>	<u>AWS::NetworkManager::TransitGatewayRouteTableAttachment</u> resource type added.	August 16, 2022
<u>New resource</u>	<u>AWS::Oam::Link</u> resource type added.	August 11, 2022
<u>New resource</u>	<u>AWS::EMR::SecurityConfiguration</u> resource type added.	August 2, 2022
<u>New resource</u>	<u>AWS::EC2::VPNConnection</u> resource type added.	July 28, 2022
<u>New resource</u>	<u>AWS::CloudFront::MonitoringSubscription</u> resource type added.	July 21, 2022
<u>New resource</u>	<u>AWS::MSK::ServerlessCluster</u> resource type added.	July 15, 2022
<u>New resource</u>	<u>AWS::Evidently::Segment</u> resource type added.	July 14, 2022
<u>New resource</u>	<u>AWS::ApplicationAutoScaling::ScalableTarget</u> resource type added.	July 13, 2022
<u>New resource</u>	<u>AWS::EC2::EIP</u> resource type added.	July 12, 2022
<u>New resource</u>	<u>AWS::Synthetics::Group</u> resource type added.	July 7, 2022

New resource	<code>AWS::ElasticBeanstalk::Application</code> resource type added.	July 1, 2022
New resource	<code>AWS::ElasticBeanstalk::Environment</code> resource type added.	July 1, 2022
New resource	<code>AWS::AppFlow::Connector</code> resource type added.	June 23, 2022
New resource	<code>AWS::RolesAnywhere::CRL</code> resource type added.	June 20, 2022
New resource	<code>AWS::RolesAnywhere::Profile</code> resource type added.	June 20, 2022
New resource	<code>AWS::RolesAnywhere::TrustAnchor</code> resource type added.	June 20, 2022
New resource	<code>AWS::AppStream::DirectoryConfig</code> resource type added.	June 19, 2022
New resource	<code>AWS::AppStream::ImageBuilder</code> resource type added.	June 19, 2022
New resource	<code>AWS::ApiGatewayV2::Api</code> resource type added.	June 18, 2022
New resource	<code>AWS::ApiGatewayV2::DomainName</code> resource type added.	June 18, 2022

New resource	<code>AWS::RedshiftServerless::Workgroup</code> resource type added.	June 17, 2022
New resource	<code>AWS::LakeFormation::PrincipalPermissions</code> resource type added.	June 16, 2022
New resource	<code>AWS::ControlTower::EnabledControl</code> resource type added.	June 13, 2022
New resource	<code>AWS::Route53Resolver::OutpostResolver</code> resource type added.	June 10, 2022
New resource	<code>AWS::AutoScaling::ScheduledAction</code> resource type added.	June 9, 2022
New resource	<code>AWS::SES::DedicatedIpPool</code> resource type added.	June 7, 2022
New resource	<code>AWS::SES::EmailIdentity</code> resource type added.	June 7, 2022
New resource	<code>AWS::ApiGatewayV2::Model</code> resource type added.	June 6, 2022
New resource	<code>AWS::ApiGatewayV2::VpcLink</code> resource type added.	June 6, 2022
New resource	<code>AWS::DataSync::LocationFSxONTAP</code> resource type added.	June 6, 2022

New resource	AWS::IdentityStore::Group resource type added.	May 28, 2022
New resource	AWS::IdentityStore::GroupMembership resource type added.	May 28, 2022
New resource	AWS::Connect::TaskTemplate resource type added.	May 24, 2022
New resource	AWS::ElasticLoadBalancingV2::TargetGroup resource type added.	May 23, 2022
New resource	AWS::CloudTrail::EventDataStore resource type added.	May 17, 2022
New resource	AWS::ElasticBeanstalk::ApplicationVersion resource type added.	May 17, 2022
New resource	AWS::EMRServerless::Application resource type added.	May 16, 2022
New resource	AWS::EC2::CustomerGateway resource type added.	May 11, 2022
New resource	AWS::Route53::CidrCollection resource type added.	May 10, 2022

New resource	AWS::IoTWireless::NetworkAnalyzerConfiguration	May 6, 2022
	resource type added.	
New resource	AWS::RedshiftServerless::Namespace	May 6, 2022
	resource type added.	
New resource	AWS::LakeFormation::DataCellsFilter	May 2, 2022
	resource type added.	
New resource	AWS::LakeFormation::Tag	May 2, 2022
	resource type added.	
New resource	AWS::LakeFormation::TagAssociation	May 2, 2022
	resource type added.	
New resource	AWS::SageMaker::ModelPackage	April 21, 2022
	resource type added.	
New resource	AWS::AutoScaling::ScalingPolicy	April 20, 2022
	resource type added.	
New resource	AWS::EC2::PlacementGroup	April 20, 2022
	resource type added.	
New resource	AWS::EC2::VPNGateway	April 19, 2022
	resource type added.	
New resource	AWS::Organizations::OrganizationalUnit	April 15, 2022
	resource type added.	

New resource	AWS::Organizations::Policy resource type added.	April 15, 2022
New resource	AWS::KinesisAnalyticsV2::Application resource type added.	April 6, 2022
New resource	AWS::EC2::KeyPair resource type added.	April 5, 2022
New resource	AWS::AppRunner::ObservabilityConfiguration resource type added.	April 1, 2022
New resource	AWS::EC2::NatGateway resource type added.	March 29, 2022
New resource	AWS::Connect::Instance resource type added.	March 28, 2022
New resource	AWS::Connect::InstanceStorageConfig resource type added.	March 28, 2022
New resource	AWS::Rekognition::StreamProcessor resource type added.	March 16, 2022
New resource	AWS::DataSync::LocationFSxOpenZFS resource type added.	March 10, 2022
New resource	AWS::BillingConductor::CustomLineItem resource type added.	March 9, 2022

New resource	AWS::Connect::PhoneNumber resource type added.	March 9, 2022
New resource	AWS::MediaTailor::PlaybackConfiguration resource type added.	March 9, 2022
New resource	AWS::CloudFront::ContinuousDeploymentPolicy resource type added.	March 8, 2022
New resource	AWS::VoiceID::Domain resource type added.	March 3, 2022
New resource	AWS::XRay::ResourcePolicy resource type added.	February 25, 2022
New resource	AWS::BillingConductor::BillingGroup resource type added.	February 24, 2022
New resource	AWS::BillingConductor::PricingPlan resource type added.	February 24, 2022
New resource	AWS::BillingConductor::PricingRule resource type added.	February 24, 2022
New resource	AWS::Events::Endpoint resource type added.	February 21, 2022
New resource	AWS::NetworkManager::ConnectAttachment resource type added.	February 21, 2022

New resource	AWS::NetworkManage::ConnectPeer resource type added.	February 21, 2022
New resource	AWS::NetworkManage::CoreNetwork resource type added.	February 21, 2022
New resource	AWS::NetworkManage::SiteToSiteVpnAttachment resource type added.	February 21, 2022
New resource	AWS::NetworkManage::VpcAttachment resource type added.	February 21, 2022
New resource	AWS::Personalize::Dataset resource type added.	February 18, 2022
New resource	AWS::Personalize::DatasetGroup resource type added.	February 18, 2022
New resource	AWS::Personalize::Schema resource type added.	February 18, 2022
New resource	AWS::Personalize::Solution resource type added.	February 18, 2022
New resource	AWS::EC2::TransitGatewayAttachment resource type added.	February 17, 2022

New resource	AWS::ConnectCampaign resource type added.	February 11, 2022
New resource	AWS::Inspector::AssessmentTarget resource type added.	February 7, 2022
New resource	AWS::Inspector::AssessmentTemplate resource type added.	February 7, 2022
New resource	AWS::Inspector::DataSourceGroup resource type added.	February 7, 2022
New resource	AWS::MSK::BatchScriptSecret resource type added.	February 4, 2022
New resource	AWS::MSK::Configuration resource type added.	February 4, 2022
New resource	AWS::IAM::InstanceProfile resource type added.	February 3, 2022
New resource	AWS::DataSync::LocationFSxLustre resource type added.	January 27, 2022
New resource	AWS::EC2::CapacityReservation resource type added.	January 26, 2022
New resource	AWS::RDS::DBCluster resource type added.	January 25, 2022

New resource	AWS::Batch::ComputeEnvironment resource type added.	January 24, 2022
New resource	AWS::Batch::JobQueue resource type added.	January 24, 2022
New resource	AWS::AppIntegration::DataIntegration resource type added.	January 19, 2022
New resource	AWS::AppRunner::VpcConnector resource type added.	January 15, 2022
New resource	AWS::IoTTwinMaker::ComponentType resource type added.	January 6, 2022
New resource	AWS::IoTTwinMaker::Entity resource type added.	January 6, 2022
New resource	AWS::IoTTwinMaker::Scene resource type added.	January 6, 2022
New resource	AWS::IoTTwinMaker::Workspace resource type added.	January 6, 2022
New resource	AWS::Lightsail::Certificate resource type added.	January 5, 2022
New resource	AWS::Lightsail::Container resource type added.	January 5, 2022

New resource	AWS::Lightsail::Distribution resource type added.	January 5, 2022
New resource	AWS::AppStream::ApplicationEntitlementAssociation resource type added.	December 21, 2021
New resource	AWS::AppStream::Entitlement resource type added.	December 21, 2021
New resource	AWS::EKS::IdentityProviderConfig resource type added.	December 21, 2021
New resource	AWS::SecretsManager::Secret resource type added.	December 17, 2021
New resource	AWS::KinesisVideo::SignalingChannel resource type added.	December 13, 2021
New resource	AWS::KinesisVideo::Stream resource type added.	December 13, 2021
New resource	AWS::EC2::VPCPeeringConnection resource type added.	December 10, 2021
New resource	AWS::Forecast::Dataset resource type added.	December 10, 2021
New resource	AWS::Forecast::DatasetGroup resource type added.	December 10, 2021

New resource	AWS::IoTEvents::AI armModel resource type added.	December 10, 2021
New resource	AWS::Lightsail::AI arm resource type added.	December 7, 2021
New resource	AWS::Lightsail::Bucket resource type added.	December 7, 2021
New resource	AWS::Lightsail::LoadBalancer resource type added.	December 7, 2021
New resource	AWS::Lightsail::LoadBalancerTlsCertificate resource type added.	December 7, 2021
New resource	AWS::RDS::OptionGroup resource type added.	December 4, 2021
New resource	AWS::KafkaConnect::Connector resource type added.	December 3, 2021
New resource	AWS::InspectorV2::Filter resource type added.	December 2, 2021
New resource	AWS::Rekognition::Collection resource type added.	November 26, 2021
New resource	AWS::EC2::IPAM resource type added.	November 24, 2021

New resource	AWS::EC2::IPAMAllocation resource type added.	November 24, 2021
New resource	AWS::EC2::IPAMPool resource type added.	November 24, 2021
New resource	AWS::EC2::IPAMScope resource type added.	November 24, 2021
New resource	AWS::AmplifyUIBuilder::Component resource type added.	November 23, 2021
New resource	AWS::AmplifyUIBuilder::Theme resource type added.	November 23, 2021
New resource	AWS::ECR::PullThroughCacheRule resource type added.	November 23, 2021
New resource	AWS::IoT::CACertificate resource type added.	November 23, 2021
New resource	AWS::IoT::RoleAlias resource type added.	November 23, 2021
New resource	AWS::Timestream::ScheduledQuery resource type added.	November 23, 2021
New resource	AWS::MSK::Cluster resource type added.	November 22, 2021
New resource	AWS::AppSync::DomainName resource type added.	November 19, 2021

New resource	AWS::AppSync::DomainNameApiAssociation resource type added.	November 19, 2021
New resource	AWS::RUM::AppMonitor resource type added.	November 19, 2021
New resource	AWS::EC2::NetworkInsightsAccessScopeAnalysis resource type added.	November 16, 2021
New resource	AWS::Lex::Bot resource type added.	November 16, 2021
New resource	AWS::Lex::BotAlias resource type added.	November 16, 2021
New resource	AWS::Lex::BotVersion resource type added.	November 16, 2021
New resource	AWS::Lex::ResourcePolicy resource type added.	November 16, 2021
New resource	AWS::EC2::LocalGatewayRouteTable resource type added.	November 14, 2021
New resource	AWS::EC2::LocalGatewayRouteTableVirtualInterfaceGroupAssociation resource type added.	November 14, 2021
New resource	AWS::DataBrew::RuleSet resource type added.	November 12, 2021

New resource	AWS::RefactorSpace s::Route resource type added.	November 11, 2021
New resource	AWS::RefactorSpace s::Service resource type added.	November 11, 2021
New resource	AWS::AppStream::Ap pBlock resource type added.	November 10, 2021
New resource	AWS::AppStream::Ap plication resource type added.	November 10, 2021
New resource	AWS::AppStream::Ap plicationFleetAsso ciation resource type added.	November 10, 2021
New resource	AWS::RDS::DBCluste rParameterGroup resource type added.	November 10, 2021
New resource	AWS::RDS::DBInstance resource type added.	November 10, 2021
New resource	AWS::RDS::DBParamete terGroup resource type added.	November 10, 2021
New resource	AWS::RDS::DBSubnet Group resource type added.	November 10, 2021
New resource	AWS::RDS::EventSub scription resource type added.	November 10, 2021

New resource	AWS::Route53Resolver::ResolverRuleAssociation resource type added.	November 9, 2021
New resource	AWS::RefactorSpace::Application resource type added.	November 8, 2021
New resource	AWS::RefactorSpace::Environment resource type added.	November 8, 2021
New resource	AWS::Connect::ConnectFlow resource type added.	November 7, 2021
New resource	AWS::Connect::ConnectFlowModule resource type added.	November 7, 2021
New resource	AWS::Lambda::Url resource type added.	November 5, 2021
New resource	AWS::CloudFront::ResponseHeadersPolicy resource type added.	November 4, 2021
New resource	AWS::EC2::NetworkInsightsAccessScope resource type added.	November 4, 2021
New resource	AWS::SupportApp::AccountAlias resource type added.	November 3, 2021

New resource	AWS::SupportApp::SkillChannelConfiguration resource type added.	November 3, 2021
New resource	AWS::ResilienceHub::App resource type added.	November 2, 2021
New resource	AWS::ResilienceHub::ResiliencyPolicy resource type added.	November 2, 2021
New resource	AWS::EC2::Host resource type added.	November 1, 2021
New resource	AWS::Transfer::Workflow resource type added.	October 27, 2021
New resource	AWS::Evidently::Experiment resource type added.	October 25, 2021
New resource	AWS::Evidently::Feature resource type added.	October 25, 2021
New resource	AWS::Evidently::Launch resource type added.	October 25, 2021
New resource	AWS::Evidently::Project resource type added.	October 25, 2021
New resource	AWS::Redshift::EndpointAccess resource type added.	October 23, 2021
New resource	AWS::Redshift::EndpointAuthorization resource type added.	October 23, 2021

New resource	AWS::Redshift::EventSubscription resource type added.	October 23, 2021
New resource	AWS::Redshift::ScheduledAction resource type added.	October 23, 2021
New resource	AWS::EC2::SecurityGroup resource type added.	October 21, 2021
New resource	AWS::Pinpoint::InAppTemplate resource type added.	October 21, 2021
New resource	AWS::IoTWireless::FwotaTask resource type added.	October 20, 2021
New resource	AWS::IoTWireless::MulticastGroup resource type added.	October 20, 2021
New resource	AWS::DataSync::LocationHDFS resource type added.	October 18, 2021
New resource	AWS::CloudFormation::HookDefaultVersion resource type added.	October 14, 2021
New resource	AWS::CloudFormation::HookTypeConfig resource type added.	October 14, 2021
New resource	AWS::CloudFormation::HookVersion resource type added.	October 14, 2021

New resource	AWS::Batch::SchedulingPolicy resource type added.	October 13, 2021
New resource	AWS::S3::BucketPolicy resource type added.	October 13, 2021
New resource	AWS::Lightsail::Database resource type added.	October 12, 2021
New resource	AWS::Lightsail::StaticIp resource type added.	October 12, 2021
New resource	AWS::ElasticLoadBalancingV2::LoadBalancer resource type added.	October 8, 2021
New resource	AWS::ApiGateway::Deployment resource type added.	October 5, 2021
New resource	AWS::Rekognition::Project resource type added.	October 1, 2021
New resource	AWS::IAM::Role resource type added.	September 30, 2021
Initial release	Initial release of the Cloud Control API User Guide	September 30, 2021