亚马逊云科技

API Reference

# Amazon Account Management

**API Version 2021-02-01**

# Amazon Account Management: API Reference

# Table of Contents

**Welcome** ..... **1**
**Actions** ..... **4**
AcceptPrimaryEmailUpdate ..... 5
Request Syntax ..... 5
URI Request Parameters ..... 5
Request Body ..... 5
Response Syntax ..... 6
Response Elements ..... 6
Errors ..... 7
See Also ..... 8
DeleteAlternateContact ..... 10
Request Syntax ..... 10
URI Request Parameters ..... 10
Request Body ..... 10
Response Syntax ..... 11
Response Elements ..... 11
Errors ..... 12
Examples ..... 13
See Also ..... 14
DisableRegion ..... 15
Request Syntax ..... 15
URI Request Parameters ..... 15
Request Body ..... 15
Response Syntax ..... 16
Response Elements ..... 16
Errors ..... 16
See Also ..... 18
EnableRegion ..... 19
Request Syntax ..... 19
URI Request Parameters ..... 19
Request Body ..... 19
Response Syntax ..... 20
Response Elements ..... 20
Errors ..... 20

See Also ... 22
GetAccountInformation ... 23
Request Syntax ... 23
URI Request Parameters ... 23
Request Body ... 23
Response Syntax ... 24
Response Elements ... 24
Errors ... 26
Examples ... 27
See Also ... 28
GetAlternateContact ... 29
Request Syntax ... 29
URI Request Parameters ... 29
Request Body ... 29
Response Syntax ... 30
Response Elements ... 31
Errors ... 31
Examples ... 32
See Also ... 34
GetContactInformation ... 35
Request Syntax ... 35
URI Request Parameters ... 35
Request Body ... 35
Response Syntax ... 36
Response Elements ... 36
Errors ... 37
See Also ... 38
GetGovCloudAccountInformation ... 40
Request Syntax ... 40
URI Request Parameters ... 40
Request Body ... 40
Response Syntax ... 41
Response Elements ... 41
Errors ... 42
Examples ... 43
See Also ... 45

GetPrimaryEmail ... 46
Request Syntax ... 46
URI Request Parameters ... 46
Request Body ... 46
Response Syntax ... 47
Response Elements ... 47
Errors ... 47
See Also ... 49
GetPrimaryEmailUpdateStatus ... 50
Request Syntax ... 50
URI Request Parameters ... 50
Request Body ... 50
Response Syntax ... 51
Response Elements ... 51
Errors ... 51
See Also ... 53
GetRegionOptStatus ... 54
Request Syntax ... 54
URI Request Parameters ... 54
Request Body ... 54
Response Syntax ... 55
Response Elements ... 55
Errors ... 56
See Also ... 57
ListRegions ... 58
Request Syntax ... 58
URI Request Parameters ... 58
Request Body ... 58
Response Syntax ... 60
Response Elements ... 60
Errors ... 61
See Also ... 62
PutAccountName ... 63
Request Syntax ... 63
URI Request Parameters ... 63
Request Body ... 63

Response Syntax ... 64
Response Elements ... 64
Errors ... 64
Examples ... 66
See Also ... 67
PutAlternateContact ... 68
Request Syntax ... 68
URI Request Parameters ... 68
Request Body ... 68
Response Syntax ... 70
Response Elements ... 70
Errors ... 71
Examples ... 72
See Also ... 73
PutContactInformation ... 74
Request Syntax ... 74
URI Request Parameters ... 74
Request Body ... 74
Response Syntax ... 75
Response Elements ... 76
Errors ... 76
See Also ... 77
SendPhoneNumberVerification ... 78
Request Syntax ... 78
URI Request Parameters ... 78
Request Body ... 78
Response Syntax ... 79
Response Elements ... 79
Errors ... 80
Examples ... 81
See Also ... 82
StartPrimaryEmailUpdate ... 84
Request Syntax ... 84
URI Request Parameters ... 84
Request Body ... 84
Response Syntax ... 85

Response Elements ... 85
Errors ... 85
See Also ... 87
VerifyPhoneNumber ... 88
Request Syntax ... 88
URI Request Parameters ... 88
Request Body ... 88
Response Syntax ... 89
Response Elements ... 90
Errors ... 90
Examples ... 92
See Also ... 93
**Data Types ... 94**
AlternateContact ... 95
Contents ... 95
See Also ... 96
ContactInformation ... 97
Contents ... 97
See Also ... 99
Region ... 101
Contents ... 101
See Also ... 101
ValidationExceptionField ... 102
Contents ... 102
See Also ... 102
**Common Parameters ... 103**
**Common Error Types ... 106**

# Welcome

The API operations in the Account Management (`account`) namespace enable you to modify your Amazon Web Services account.

Every Amazon Web Services account supports metadata with information about the account, including information about up to three alternate contacts associated with the account. These are in addition to the email address associated with the root user of the account. You can specify only one of each of the following contact types associated with an account.

- Billing contact
- Operations contact
- Security contact

By default, the API operations discussed in this guide apply directly to the account that calls the operation. The identity in the account that is calling the operation is typically an IAM role or IAM user and must have permission applied by an IAM policy to call the API operation. Alternatively, you can call these API operations from an identity in an Amazon Organizations management account and specify the account ID number for any Amazon Web Services account that is a member of the organization.

**API version**

This version of the Accounts API Reference documents the Account Management API version 2021-02-01.

> **Note**
>
> As an alternative to using the API directly, you can use one of the Amazon SDKs, which consist of libraries and sample code for various programming languages and platforms (Java, Ruby, .NET, iOS, Android, and more). The SDKs provide a convenient way to create programmatic access to Account Management. For example, the SDKs take care of cryptographically signing requests, managing errors, and retrying requests automatically. For more information about the Amazon SDKs, including how to download and install them, see Tools for Amazon Web Services.

We recommend that you use the Amazon SDKs to make programmatic API calls to the Account Management service. However, you also can use the Account Management Query API to make direct calls to the Account Management web service. To learn more about the Account Management Query API, see Calling the API by making HTTP Query requests in the Amazon Account Management Reference Guide. Account Management supports GET and POST requests for all actions. That is, the API does not require you to use GET for some actions and POST for others. However, GET requests are subject to the limitation size of a URL. Therefore, for operations that require larger sizes, use a POST request.

**Signing requests**

When you send HTTP requests to Amazon, you must sign the requests so that Amazon can identify who sent them. You sign requests with your Amazon access key, which consists of an access key ID and a secret access key. We strongly recommend that you do not create an access key for your root account. Anyone who has the access key for your root account has unrestricted access to all the resources in your account. Instead, create an access key for an IAM user that has administrative privileges. As another option, use Amazon Security Token Service to generate temporary security credentials, and use those credentials to sign requests.

To sign requests, we recommend that you use Signature Version 4. If you have an existing application that uses Signature Version 2, you do not have to update it to use Signature Version 4. However, some operations now require Signature Version 4. The documentation for operations that require version 4 indicates this requirement. For more information, see Signing Amazon API requests in the *IAM User Guide*.

When you use the Amazon Command Line Interface (Amazon CLI) or one of the Amazon SDKs to make requests to Amazon, these tools automatically sign the requests for you with the access key that you specify when you configure the tools.

**Support and feedback for Account Management**

We welcome your feedback. Send your comments to feedback-awsaccounts@amazon.com or post your feedback and questions in the Account Management support forum. For more information about the Amazon support forums, see Forums Help.

**How examples are presented**

The JSON returned by Account Management in response to your requests is a single long string without line breaks or formatting whitespace. Both line breaks and whitespace are shown in the examples in this guide to improve readability. When example input parameters also would result in

long strings that would extend beyond the screen, we insert line breaks to enhance readability. You should always submit the input as a single JSON text string.

**Recording API Requests**

Account Management supports CloudTrail, a service that records Amazon API calls for your Amazon Web Services account and delivers log files to an Amazon S3 bucket. By using information collected by CloudTrail, you can determine which requests were successfully made to Account Management, who made the request, when it was made, and so on. For more about Account Management and its support for CloudTrail, see Logging Amazon Account Management API calls using Amazon CloudTrail. To learn more about CloudTrail, including how to turn it on and find your log files, see the CloudTrail User Guide.

This document was last published on October 12, 2026.

# Actions

The following actions are supported:

- AcceptPrimaryEmailUpdate
- DeleteAlternateContact
- DisableRegion
- EnableRegion
- GetAccountInformation
- GetAlternateContact
- GetContactInformation
- GetGovCloudAccountInformation
- GetPrimaryEmail
- GetPrimaryEmailUpdateStatus
- GetRegionOptStatus
- ListRegions
- PutAccountName
- PutAlternateContact
- PutContactInformation
- SendPhoneNumberVerification
- StartPrimaryEmailUpdate
- VerifyPhoneNumber

# AcceptPrimaryEmailUpdate

Accepts the request that originated from StartPrimaryEmailUpdate to update the Amazon Web Services email address for the specified account.

## Request Syntax

```
POST /acceptPrimaryEmailUpdate HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "Otp": "string",
   "PrimaryEmail": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

This operation can only be called from the management account or the delegated administrator account of an organization for a member account.

> **Note**
>
> The management account can't specify its own `AccountId`.

Type: String

Pattern: `\d{12}`

Required: Yes

**Otp**

The OTP code sent to the `PrimaryEmail` specified on the `StartPrimaryEmailUpdate` API call.

Type: String

Pattern: `[a-zA-Z0-9]{6}`

Required: Yes

**PrimaryEmail**

The new Amazon Web Services email address for use with the specified account. This must match the `PrimaryEmail` from the `StartPrimaryEmailUpdate` API call.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "Status": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**Status**

Retrieves the status of the accepted Amazon Web Services email update request.

Type: String

Valid Values: `PENDING | ACCEPTED | COMPLETED | FAILED`

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**ConflictException**

The request could not be processed because of a conflict in the current status of the resource. For example, this happens if you try to enable a Region that is currently being disabled (in a status of DISABLING) or if you try to change an account's Amazon Web Services email to an email address which is already in use.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 409

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++

- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# DeleteAlternateContact

Deletes the specified alternate contact from an Amazon Web Services account.

For complete details about how to use the alternate contact operations, see Update the alternate contacts for your Amazon Web Services account.

> **Note**
>
> Before you can update the alternate contact information for an Amazon Web Services account that is managed by Amazon Organizations, you must first enable integration between Amazon Account Management and Organizations. For more information, see Enable trusted access for Amazon Account Management.

## Request Syntax

```
POST /deleteAlternateContact HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "AlternateContactType": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**AlternateContactType**

Specifies which of the alternate contacts to delete.

Type: String

Valid Values: `BILLING | OPERATIONS | SECURITY`

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

# Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example deletes the security alternate contact for the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.DeleteAlternateContact

{
   "AccountName":"MyAccount"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## Example 2

The following example deletes the billing alternate contact for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.DeleteAlternateContact

{
   "AccountId":"123456789012",
   "AlternateContactType":"BILLING"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# DisableRegion

Disables (opts-out) a particular Region for an account.

> **Note**
>
> The act of disabling a Region will remove all IAM access to any resources that reside in that Region.

## Request Syntax

```
POST /disableRegion HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "RegionName": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. If you don't specify this parameter, it defaults to the Amazon Web Services account of the identity used to call the operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`. It must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, don't specify this parameter. Instead, call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**RegionName**

Specifies the Region-code for a given Region name (for example, `af-south-1`). When you disable a Region, Amazon performs actions to deactivate that Region in your account, such as destroying IAM resources in the Region. This process takes a few minutes for most accounts, but this can take several hours. You cannot enable the Region until the disabling process is fully completed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**ConflictException**

The request could not be processed because of a conflict in the current status of the resource. For example, this happens if you try to enable a Region that is currently being disabled (in a status of DISABLING) or if you try to change an account's Amazon Web Services email to an email address which is already in use.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 409

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# EnableRegion

Enables (opts-in) a particular Region for an account.

## Request Syntax

```
POST /enableRegion HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "RegionName": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. If you don't specify this parameter, it defaults to the Amazon Web Services account of the identity used to call the operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`. It must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, don't specify this parameter. Instead, call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**RegionName**

Specifies the Region-code for a given Region name (for example, `af-south-1`). When you enable a Region, Amazon performs actions to prepare your account in that Region, such as distributing your IAM resources to the Region. This process takes a few minutes for most accounts, but it can take several hours. You cannot use the Region until this process is complete. Furthermore, you cannot disable the Region until the enabling process is fully completed.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**ConflictException**

The request could not be processed because of a conflict in the current status of the resource. For example, this happens if you try to enable a Region that is currently being disabled (in a status of DISABLING) or if you try to change an account's Amazon Web Services email to an email address which is already in use.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 409

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetAccountInformation

Retrieves information about the specified account including its account name, account ID, account creation date and time, and account state. To use this API, an IAM user or role must have the `account:GetAccountInformation` IAM permission.

## Request Syntax

```
POST /getAccountInformation HTTP/1.1
Content-type: application/json

{
   "AccountId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

**AccountId**

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "AccountCreatedDate": "string",
   "AccountId": "string",
   "AccountName": "string",
   "AccountState": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### AccountCreatedDate

The date and time the account was created.

Type: Timestamp

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

This operation can only be called from the management account or the delegated administrator account of an organization for a member account.

> **Note**
>
> The management account can't specify its own `AccountId`.

Type: String

Pattern: `\d{12}`

### AccountName

The name of the account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `[ -;=?-~]+`

### AccountState

The state of the account. Each account state represents a specific phase in the account lifecycle. Use this information to manage account access, automate workflows, or trigger actions based on account state changes.

Type: String

Valid Values: `PENDING_ACTIVATION | ACTIVE | SUSPENDED | CLOSED`

# Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example retrieves the account information for the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.GetAccountInformation

{}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "AccountId": "123456789012",
   "AccountName": "MyAccount",
   "AccountCreatedDate": "2020-11-30T17:44:37Z",
   "AccountState": "ACTIVE"
}
```

## Example 2

The following example retrieves the account information for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
```

```
X-Amz-Target: AWSAccountV20210201.GetAccountInformation

{
   "AccountId": "123456789012"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "AccountId": "123456789012",
   "AccountName": "MyMemberAccount",
   "AccountCreatedDate": "2020-11-30T17:44:37Z",
   "AccountState": "ACTIVE"
}
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetAlternateContact

Retrieves the specified alternate contact attached to an Amazon Web Services account.

For complete details about how to use the alternate contact operations, see Update the alternate contacts for your Amazon Web Services account.

> **Note**
>
> Before you can update the alternate contact information for an Amazon Web Services account that is managed by Amazon Organizations, you must first enable integration between Amazon Account Management and Organizations. For more information, see Enable trusted access for Amazon Account Management.

## Request Syntax

```
POST /getAlternateContact HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "AlternateContactType": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**AlternateContactType**

Specifies which alternate contact you want to retrieve.

Type: String

Valid Values: `BILLING | OPERATIONS | SECURITY`

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "AlternateContact": {
      "AlternateContactType": "string",
      "EmailAddress": "string",
      "Name": "string",
```

```
        "PhoneNumber": "string",
        "Title": "string"
    }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**AlternateContact**

A structure that contains the details for the specified alternate contact.

Type: AlternateContact object

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example retrieves the security alternate contact for the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.GetAlternateContact
```

```
{
   "AlternateContactType":"SECURITY"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "AlternateContact":{
      "Name":"Anika",
      "Title":"COO",
      "EmailAddress":"anika@example.com",
      "PhoneNumber":"206-555-0198",
      "AlternateContactType":"Security"
   }
}
```

## Example 2

The following example retrieves the operations alternate contact for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.GetAlternateContact

{
   "AccountId":"123456789012",
   "AlternateContactType":"Operations"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
```

```
   "AlternateContact":{
      "Name":"Anika",
      "Title":"COO",
      "EmailAddress":"anika@example.com",
      "PhoneNumber":"206-555-0198",
      "AlternateContactType":"Operations"
   }
}
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetContactInformation

Retrieves the primary contact information of an Amazon Web Services account.

For complete details about how to use the primary contact operations, see Update the primary contact for your Amazon Web Services account.

## Request Syntax

```
POST /getContactInformation HTTP/1.1
Content-type: application/json

{
   "AccountId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. If you don't specify this parameter, it defaults to the Amazon Web Services account of the identity used to call the operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`. It must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, don't specify this parameter. Instead, call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: \d{12}

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "ContactInformation": {
      "AddressLine1": "string",
      "AddressLine2": "string",
      "AddressLine3": "string",
      "City": "string",
      "CompanyName": "string",
      "CountryCode": "string",
      "DistrictOrCounty": "string",
      "FullName": "string",
      "PhoneNumber": "string",
      "PostalCode": "string",
      "StateOrRegion": "string",
      "WebsiteUrl": "string"
   },
   "VerificationStatus": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**ContactInformation**

Contains the details of the primary contact information associated with an Amazon Web Services account.

Type: ContactInformation object

**VerificationStatus**

The verification status of the primary contact phone number that is currently associated with the account. Valid values:

- `VERIFIED`: The phone number currently on file is verified.
- `UNVERIFIED`: The phone number currently on file isn't verified. If you change the phone number, the status describes the new number.
- `NOT_SUPPORTED`: Phone number verification isn't available for this account.

This operation doesn't return `PENDING`. After you call SendPhoneNumberVerification, the status remains `UNVERIFIED` until VerifyPhoneNumber succeeds. In partitions where phone number verification isn't offered, the response doesn't include this field.

Type: String

Valid Values: `PENDING | VERIFIED | UNVERIFIED | NOT_SUPPORTED`

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetGovCloudAccountInformation

Retrieves information about the GovCloud account linked to the specified standard account (if it exists) including the GovCloud account ID and state. To use this API, an IAM user or role must have the `account:GetGovCloudAccountInformation` IAM permission.

## Request Syntax

```
POST /getGovCloudAccountInformation HTTP/1.1
Content-type: application/json

{
   "StandardAccountId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

**StandardAccountId**

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "AccountState": "string",
   "GovCloudAccountId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### AccountState

The account state of the linked GovCloud account.

Type: String

Valid Values: `PENDING_ACTIVATION | ACTIVE | SUSPENDED | CLOSED`

**GovCloudAccountId**

The 12-digit account ID number of the linked GovCloud account.

Type: String

Pattern: `\d{12}`

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**ResourceUnavailableException**

The operation failed because it specified a resource that is not currently available.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 424

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example retrieves the linked GovCloud account information for the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.GetGovCloudAccountInformation
```

```
{}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "GovCloudAccountId": "123456789012",
   "AccountState": "ACTIVE"
}
```

## Example 2

The following example retrieves the linked GovCloud account information for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.GetGovCloudAccountInformation

{
   "StandardAccountId": "111111111111"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "GovCloudAccountId": "123456789012",
   "AccountState": "ACTIVE"
}
```

## Example 3

The following example attempts to retrieve the linked GovCloud account information for a standard account that is not linked to a GovCloud account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.GetGovCloudAccountInformation

{
   "StandardAccountId": "222222222222"
}
```

### Sample Response

```
HTTP/1.1 404
Content-Type: application/json

{
   "message":"GovCloud Account ID not found for Standard Account - 222222222222."
}
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetPrimaryEmail

Retrieves the Amazon Web Services email address for the specified account.

## Request Syntax

```
POST /getPrimaryEmail HTTP/1.1
Content-type: application/json

{
   "AccountId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

**AccountId**

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

This operation can only be called from the management account or the delegated administrator account of an organization for a member account.

> **Note**
>
> The management account can't specify its own `AccountId`.

Type: String

Pattern: \d{12}

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "PrimaryEmail": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**PrimaryEmail**

Retrieves the Amazon Web Services email address associated with the specified account.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetPrimaryEmailUpdateStatus

## Request Syntax

```
POST /getPrimaryEmailUpdateStatus HTTP/1.1
Content-type: application/json

{
   "AccountId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

This operation can only be called from the management account or the delegated administrator account of an organization for a member account.

> **Note**
>
> The management account can't specify its own `AccountId`.

Type: String

Pattern: `\d{12}`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "Status": "string",
   "UpdatedAt": number
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**Status**

Type: String

Valid Values: `PENDING | ACCEPTED | COMPLETED | FAILED`

**UpdatedAt**

The date and time that the most recent primary email update status was last changed.

Type: Timestamp

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# GetRegionOptStatus

Retrieves the opt-in status of a particular Region.

## Request Syntax

```
POST /getRegionOptStatus HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "RegionName": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. If you don't specify this parameter, it defaults to the Amazon Web Services account of the identity used to call the operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`. It must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, don't specify this parameter. Instead, call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**RegionName**

Specifies the Region-code for a given Region name (for example, `af-south-1`). This function will return the status of whatever Region you pass into this parameter.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "RegionName": "string",
   "RegionOptStatus": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**RegionName**

The Region code that was passed in.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

**RegionOptStatus**

One of the potential statuses a Region can undergo (Enabled, Enabling, Disabled, Disabling, Enabled_By_Default).

Type: String

Valid Values: `ENABLED | ENABLING | DISABLING | DISABLED | ENABLED_BY_DEFAULT`

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# ListRegions

Lists all the Regions for a given account and their respective opt-in statuses. Optionally, this list can be filtered by the `region-opt-status-contains` parameter.

## Request Syntax

```
POST /listRegions HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "MaxResults": number,
   "NextToken": "string",
   "RegionOptStatusContains": [ "string" ]
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. If you don't specify this parameter, it defaults to the Amazon Web Services account of the identity used to call the operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`. It must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, don't specify this parameter. Instead, call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**MaxResults**

The total number of items to return in the command's output. If the total number of items available is more than the value specified, a `NextToken` is provided in the command's output. To resume pagination, provide the `NextToken` value in the `starting-token` argument of a subsequent command. Do not use the `NextToken` response element directly outside of the Amazon CLI. For usage examples, see Pagination in the *Amazon Command Line Interface User Guide*.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

**NextToken**

A token used to specify where to start paginating. This is the `NextToken` from a previously truncated response. For usage examples, see Pagination in the *Amazon Command Line Interface User Guide*.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 1000.

Required: No

**RegionOptStatusContains**

A list of Region statuses (Enabling, Enabled, Disabling, Disabled, Enabled_by_default) to use to filter the list of Regions for a given account. For example, passing in a value of ENABLING will only return a list of Regions with a Region status of ENABLING.

Type: Array of strings

Valid Values: `ENABLED | ENABLING | DISABLING | DISABLED | ENABLED_BY_DEFAULT`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "NextToken": "string",
   "Regions": [
      {
         "RegionName": "string",
         "RegionOptStatus": "string"
      }
   ]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**NextToken**

If there is more data to be returned, this will be populated. It should be passed into the `next-token` request parameter of `list-regions`.

Type: String

**Regions**

This is a list of Regions for a given account, or if the filtered parameter was used, a list of Regions that match the filter criteria set in the `filter` parameter.

Type: Array of Region objects

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# PutAccountName

Updates the account name of the specified account. To use this API, IAM principals must have the `account:PutAccountName` IAM permission.

## Request Syntax

```
POST /putAccountName HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "AccountName": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

**AccountId**

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**AccountName**

The name of the account.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Pattern: `[ -;=?-~]+`

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example updates the name for the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.PutAccountName

{
   "AccountName":"MyAccount"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## Example 2

The following example updates the account name for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.PutAccountName

{
   "AccountId": "123456789012",
   "AccountName": "MyMemberAccount"
}
```

### Sample Response

```
HTTP/1.1 200 OK
```

```
Content-Type: application/json
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# PutAlternateContact

Modifies the specified alternate contact attached to an Amazon Web Services account.

For complete details about how to use the alternate contact operations, see Update the alternate contacts for your Amazon Web Services account.

> **Note**
>
> Before you can update the alternate contact information for an Amazon Web Services account that is managed by Amazon Organizations, you must first enable integration between Amazon Account Management and Organizations. For more information, see Enable trusted access for Amazon Account Management.

## Request Syntax

```
POST /putAlternateContact HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "AlternateContactType": "string",
   "EmailAddress": "string",
   "Name": "string",
   "PhoneNumber": "string",
   "Title": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

**AlternateContactType**

Specifies which alternate contact you want to create or update.

Type: String

Valid Values: `BILLING | OPERATIONS | SECURITY`

Required: Yes

**EmailAddress**

Specifies an email address for the alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 254.

Pattern: `[\s]*[\w+=.#|!&-]+@[\w.-]+\.[\w]+[\s]*`

Required: Yes

**Name**

Specifies a name for the alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

**PhoneNumber**

Specifies a phone number for the alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 25.

Pattern: `[\s0-9()+-]+`

Required: Yes

**Title**

Specifies a title for the alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

# Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example sets the billing alternate contact for the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.PutAlternateContact

{
    "AlternateContactType": "Billing",
    "Name": "Carlos Salazar",
    "Title": "CFO",
    "EmailAddress": "carlos@example.com",
    "PhoneNumber": "206-555-0199"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## Example 2

The following example sets or overwrites the billing alternate contact for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
```

```
X-Amz-Target: AWSAccountV20210201.PutAlternateContact

{
    "AccountId": "123456789012",
    "AlternateContactType": "Billing",
    "Name": "Carlos Salazar",
    "Title": "CFO",
    "EmailAddress": "carlos@example.com",
    "PhoneNumber": "206-555-0199"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# PutContactInformation

Updates the primary contact information of an Amazon Web Services account.

Changing the phone number doesn't send a verification code. To verify the new phone number, call SendPhoneNumberVerification.

For complete details about how to use the primary contact operations, see Update the primary contact for your Amazon Web Services account.

## Request Syntax

```
POST /putContactInformation HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "ContactInformation": {
      "AddressLine1": "string",
      "AddressLine2": "string",
      "AddressLine3": "string",
      "City": "string",
      "CompanyName": "string",
      "CountryCode": "string",
      "DistrictOrCounty": "string",
      "FullName": "string",
      "PhoneNumber": "string",
      "PostalCode": "string",
      "StateOrRegion": "string",
      "WebsiteUrl": "string"
   }
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. If you don't specify this parameter, it defaults to the Amazon Web Services account of the identity used to call the operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`. It must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, don't specify this parameter. Instead, call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

### ContactInformation

Contains the details of the primary contact information associated with an Amazon Web Services account.

Type: ContactInformation object

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# SendPhoneNumberVerification

Sends a one-time passcode (OTP) by SMS to the primary contact phone number that is currently associated with the specified Amazon Web Services account, to begin verifying that phone number. You do not supply a phone number in the request; the operation uses the number currently on file for the account. To use this operation, you must have the `account:SendPhoneNumberVerification` IAM permission. After the code is delivered, call VerifyPhoneNumber with that code to complete verification.

For complete details about how to use the primary contact operations, see Update the primary contact for your Amazon Web Services account.

## Request Syntax

```
POST /sendPhoneNumberVerification HTTP/1.1
Content-type: application/json

{
   "AccountId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

**AccountId**

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization

must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "Status": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Status

The verification status of the phone number. On a successful call, the value is `PENDING`: a verification code has been sent to the account's primary contact phone number and is awaiting entry through VerifyPhoneNumber.

Type: String

Valid Values: `PENDING | VERIFIED | UNVERIFIED | NOT_SUPPORTED`

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**ConflictException**

The request could not be processed because of a conflict in the current status of the resource. For example, this happens if you try to enable a Region that is currently being disabled (in a status of DISABLING) or if you try to change an account's Amazon Web Services email to an email address which is already in use.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 409

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example sends a verification code to the primary contact phone number of the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.SendPhoneNumberVerification
```

```
{}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "Status": "PENDING"
}
```

## Example 2

The following example sends a verification code for the specified member account in an organization. The code is sent to the primary contact phone number of the member account. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.SendPhoneNumberVerification

{
   "AccountId": "123456789012"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "Status": "PENDING"
}
```

# See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# StartPrimaryEmailUpdate

Starts the process to update the Amazon Web Services email address for the specified account.

## Request Syntax

```
POST /startPrimaryEmailUpdate HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "PrimaryEmail": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12-digit account ID number of the Amazon Web Services account that you want to access or modify with this operation. To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account. The specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated admin account assigned.

This operation can only be called from the management account or the delegated administrator account of an organization for a member account.

> **Note**
>
> The management account can't specify its own `AccountId`.

Type: String

Pattern: \d{12}

Required: Yes

**PrimaryEmail**

The new Amazon Web Services email address to use in the specified account.

Type: String

Length Constraints: Minimum length of 5. Maximum length of 64.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
   "Status": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**Status**

The status of the Amazon Web Services email update request.

Type: String

Valid Values: PENDING | ACCEPTED | COMPLETED | FAILED

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**ConflictException**

The request could not be processed because of a conflict in the current status of the resource. For example, this happens if you try to enable a Region that is currently being disabled (in a status of DISABLING) or if you try to change an account's Amazon Web Services email to an email address which is already in use.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 409

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# VerifyPhoneNumber

Completes verification of the primary contact phone number for the specified Amazon Web Services account by submitting the one-time passcode (OTP) that was delivered by SendPhoneNumberVerification. You do not supply a phone number in the request; the operation verifies the number that the code was sent to. To use this operation, you must have the `account:VerifyPhoneNumber` IAM permission.

If the primary contact phone number changes after you call SendPhoneNumberVerification, this operation returns a `ConflictException`. Call SendPhoneNumberVerification again to send a code to the current phone number. If the code is incorrect or has expired, request a new code and try again.

For complete details about how to use the primary contact operations, see Update the primary contact for your Amazon Web Services account.

## Request Syntax

```
POST /verifyPhoneNumber HTTP/1.1
Content-type: application/json

{
   "AccountId": "string",
   "Otp": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountId

Specifies the 12 digit account ID number of the Amazon account that you want to access or modify with this operation.

If you do not specify this parameter, it defaults to the Amazon account of the identity used to call the operation.

To use this parameter, the caller must be an identity in the organization's management account or a delegated administrator account, and the specified account ID must be a member account in the same organization. The organization must have all features enabled, and the organization must have trusted access enabled for the Account Management service, and optionally a delegated administrator account assigned.

> **Note**
>
> The management account can't specify its own `AccountId`; it must call the operation in standalone context by not including the `AccountId` parameter.

To call this operation on an account that is not a member of an organization, then don't specify this parameter, and call the operation using an identity belonging to the account whose contacts you wish to retrieve or modify.

Type: String

Pattern: `\d{12}`

Required: No

### Otp

The one-time passcode (OTP) that was sent by SMS to the account's primary contact phone number by a call to SendPhoneNumberVerification. The code expires 5 minutes after it is sent. If you call SendPhoneNumberVerification again, codes that were sent earlier no longer work.

Type: String

Pattern: `[a-zA-Z0-9]{6}`

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```
   "Status": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

**Status**

The verification status of the phone number. On a successful call, the value is `VERIFIED`: the passcode matched and the account's primary contact phone number is now verified.

Type: String

Valid Values: `PENDING | VERIFIED | UNVERIFIED | NOT_SUPPORTED`

## Errors

For information about the errors that are common to all actions, see Common Error Types.

**AccessDeniedException**

The operation failed because the calling identity doesn't have the minimum required permissions.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 403

**ConflictException**

The request could not be processed because of a conflict in the current status of the resource. For example, this happens if you try to enable a Region that is currently being disabled (in a status of DISABLING) or if you try to change an account's Amazon Web Services email to an email address which is already in use.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 409

**InternalServerException**

The operation failed because of an error internal to Amazon. Try your operation again later.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 500

**ResourceNotFoundException**

The operation failed because it specified a resource that can't be found.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 404

**TooManyRequestsException**

The operation failed because it was called too frequently and exceeded a throttle limit.

**errorType**

The value populated to the `x-amzn-ErrorType` response header by API Gateway.

HTTP Status Code: 429

**ValidationException**

The operation failed because one of the input parameters was invalid.

**fieldList**

The field where the invalid entry was detected.

**message**

The message that informs you about what was invalid about the request.

**reason**

The reason that validation failed.

HTTP Status Code: 400

# Examples

## Example 1

The following example verifies the primary contact phone number of the account whose credentials are used to call the operation.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.VerifyPhoneNumber

{
   "Otp": "123456"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "Status": "VERIFIED"
}
```

## Example 2

The following example verifies the phone number for the specified member account in an organization. You must use credentials from either the organization's management account or from the Account Management service's delegated admin account.

### Sample Request

```
POST / HTTP/1.1
X-Amz-Target: AWSAccountV20210201.VerifyPhoneNumber

{
   "AccountId": "123456789012",
   "Otp": "123456"
}
```

### Sample Response

```
HTTP/1.1 200 OK
Content-Type: application/json

{
   "Status": "VERIFIED"
}
```

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon Command Line Interface V2
- Amazon SDK for .NET V4
- Amazon SDK for C++
- Amazon SDK for Go v2
- Amazon SDK for Java V2
- Amazon SDK for JavaScript V3
- Amazon SDK for Kotlin
- Amazon SDK for PHP V3
- Amazon SDK for Python (Boto3)
- Amazon SDK for Ruby V3

# Data Types

The Amazon Account Management API contains several data types that various actions use. This section describes each data type in detail.

> **Note**
>
> The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- AlternateContact
- ContactInformation
- Region
- ValidationExceptionField

# AlternateContact

A structure that contains the details of an alternate contact associated with an Amazon account

## Contents

**AlternateContactType**

The type of alternate contact.

Type: String

Valid Values: `BILLING | OPERATIONS | SECURITY`

Required: No

**EmailAddress**

The email address associated with this alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 254.

Pattern: `[\s]*[\w+=.#|!&-]+@[\w.-]+\.[\w]+[\s]*`

Required: No

**Name**

The name associated with this alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

**PhoneNumber**

The phone number associated with this alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 25.

Pattern: `[\s0-9()+-]+`

Required: No

**Title**

The title associated with this alternate contact.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon SDK for C++
- Amazon SDK for Java V2
- Amazon SDK for Ruby V3

# ContactInformation

Contains the details of the primary contact information associated with an Amazon Web Services account.

## Contents

**AddressLine1**

The first line of the primary contact address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 60.

Required: Yes

**City**

The city of the primary contact address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

**CountryCode**

The ISO-3166 two-letter country code for the primary contact address.

Type: String

Length Constraints: Fixed length of 2.

Required: Yes

**FullName**

The full name of the primary contact address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: Yes

**PhoneNumber**

The phone number of the primary contact information. The number will be validated and, in some countries, checked for activation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Pattern: `[+][\s0-9()-]+`

Required: Yes

**PostalCode**

The postal code of the primary contact address.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 20.

Required: Yes

**AddressLine2**

The second line of the primary contact address, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 60.

Required: No

**AddressLine3**

The third line of the primary contact address, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 60.

Required: No

**CompanyName**

The name of the company associated with the primary contact information, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

**DistrictOrCounty**

The district or county of the primary contact address, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

**StateOrRegion**

The state or region of the primary contact address. If the mailing address is within the United States (US), the value in this field can be either a two character state code (for example, `NJ`) or the full state name (for example, `New Jersey`). This field is required in the following countries: `US`, `CA`, `GB`, `DE`, `JP`, `IN`, and `BR`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

**WebsiteUrl**

The URL of the website associated with the primary contact information, if any.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 256.

Required: No

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon SDK for C++
- Amazon SDK for Java V2
- Amazon SDK for Ruby V3

# Region

This is a structure that expresses the Region for a given account, consisting of a name and opt-in status.

## Contents

**RegionName**

The Region code of a given Region (for example, `us-east-1`).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 50.

Required: No

**RegionOptStatus**

One of potential statuses a Region can undergo (Enabled, Enabling, Disabled, Disabling, Enabled_By_Default).

Type: String

Valid Values: `ENABLED | ENABLING | DISABLING | DISABLED | ENABLED_BY_DEFAULT`

Required: No

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon SDK for C++
- Amazon SDK for Java V2
- Amazon SDK for Ruby V3

# ValidationExceptionField

The input failed to meet the constraints specified by the Amazon service in a specified field.

## Contents

**message**

A message about the validation exception.

Type: String

Required: Yes

**name**

The field name where the invalid entry was detected.

Type: String

Required: Yes

## See Also

For more information about using this API in one of the language-specific Amazon SDKs, see the following:

- Amazon SDK for C++
- Amazon SDK for Java V2
- Amazon SDK for Ruby V3

# Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see Signing Amazon API requests in the *IAM User Guide*.

**X-Amz-Algorithm**

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: `AWS4-HMAC-SHA256`

Required: Conditional

**X-Amz-Credential**

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4_request"). The value is expressed in the following format: *access_key*/*YYYYMMDD*/*region*/*service*/aws4_request.

For more information, see Create a signed Amazon API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

**X-Amz-Date**

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: `20120325T120000Z`.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see Elements of an Amazon API request signature in the *IAM User Guide*.

Type: string

Required: Conditional

**X-Amz-Security-Token**

The temporary security token that was obtained through a call to Amazon Security Token Service (Amazon STS). For a list of services that support temporary security credentials from Amazon STS, see Amazon Web Services services that work with IAM in the *IAM User Guide*.

Condition: If you're using temporary security credentials from Amazon STS, you must include the security token.

Type: string

Required: Conditional

**X-Amz-Signature**

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

**X-Amz-SignedHeaders**

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see Create a signed Amazon API request in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

# Common Error Types

This section lists common error types that this Amazon service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

**AccessDeniedException**

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

**ExpiredTokenException**

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

**IncompleteSignature**

The request signature doesn't conform to Amazon standards. Verify that you're using valid Amazon credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

**InternalFailure**

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact Amazon Support.

HTTP Status Code: 500

**MalformedHttpRequestException**

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

**NotAuthorized**

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

**OptInRequired**

Your Amazon account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

**RequestAbortedException**

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

**RequestEntityTooLargeException**

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

**RequestTimeoutException**

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

**ServiceUnavailable**

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

**ThrottlingException**

Your request rate is too high. The Amazon SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

**UnknownOperationException**

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

**UnrecognizedClientException**

The X.509 certificate or Amazon access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

**ValidationError**

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400