



API Reference

AWS User Notifications Contacts



API Version 2018-05-10

Copyright © 2024 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

AWS User Notifications Contacts: API Reference

Copyright © 2024 Amazon Web Services, Inc. and/or its affiliates. All rights reserved.

Amazon's trademarks and trade dress may not be used in connection with any product or service that is not Amazon's, in any manner that is likely to cause confusion among customers, or in any manner that disparages or discredits Amazon. All other trademarks not owned by Amazon are the property of their respective owners, who may or may not be affiliated with, connected to, or sponsored by Amazon.

Table of Contents

Welcome	1
Actions	2
ActivateEmailContact	3
Request Syntax	3
URI Request Parameters	3
Request Body	3
Response Syntax	3
Response Elements	4
Errors	4
See Also	5
CreateEmailContact	6
Request Syntax	6
URI Request Parameters	6
Request Body	6
Response Syntax	7
Response Elements	7
Errors	8
See Also	9
DeleteEmailContact	10
Request Syntax	10
URI Request Parameters	10
Request Body	10
Response Syntax	10
Response Elements	10
Errors	11
See Also	11
GetEmailContact	13
Request Syntax	13
URI Request Parameters	13
Request Body	13
Response Syntax	13
Response Elements	14
Errors	14
See Also	15

ListEmailContacts	16
Request Syntax	16
URI Request Parameters	16
Request Body	16
Response Syntax	16
Response Elements	17
Errors	17
See Also	18
ListTagsForResource	19
Request Syntax	19
URI Request Parameters	19
Request Body	19
Response Syntax	19
Response Elements	19
Errors	20
See Also	21
SendActivationCode	22
Request Syntax	22
URI Request Parameters	22
Request Body	22
Response Syntax	22
Response Elements	22
Errors	23
See Also	23
TagResource	25
Request Syntax	25
URI Request Parameters	25
Request Body	25
Response Syntax	26
Response Elements	26
Errors	26
See Also	27
UntagResource	28
Request Syntax	28
URI Request Parameters	28
Request Body	28

Response Syntax	28
Response Elements	29
Errors	29
See Also	29
Data Types	31
EmailContact	32
Contents	32
See Also	33
ValidationExceptionField	34
Contents	34
See Also	34
Common Parameters	35
Common Errors	38

Welcome

AWS User Notifications Contacts is a service that allows you to create and manage email contacts for AWS User Notifications. The AWS User Notifications Contacts API Reference provides descriptions, API request parameters, and the JSON response for all email contact related API actions.

This document was last published on November 22, 2024.

Actions

The following actions are supported:

- [ActivateEmailContact](#)
- [CreateEmailContact](#)
- [DeleteEmailContact](#)
- [GetEmailContact](#)
- [ListEmailContacts](#)
- [ListTagsForResource](#)
- [SendActivationCode](#)
- [TagResource](#)
- [UntagResource](#)

ActivateEmailContact

Activates an email contact using an activation code. This code is in the activation email sent to the email address associated with this email contact.

Request Syntax

```
PUT /emailcontacts/arn/activate/code HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn

The Amazon Resource Name (ARN) of the resource.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

code

The activation code for this email contact.

An email contact has a maximum of five activation attempts. Activation codes expire after 12 hours and are generated by the [SendActivationCode](#) API action.

Length Constraints: Fixed length of 7.

Pattern: `[a-z0-9]{7}`

Required: Yes

Request Body

The request does not have a request body.

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource can cause an inconsistent state.

HTTP Status Code: 409

InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

CreateEmailContact

Creates an email contact for the provided email address.

Request Syntax

```
POST /2022-09-19/emailcontacts HTTP/1.1
Content-type: application/json
```

```
{
  "emailAddress": "string",
  "name": "string",
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request does not use any URI parameters.

Request Body

The request accepts the following data in JSON format.

emailAddress

The email address this email contact points to. The activation email and any subscribed emails are sent here.

Note

This email address can't receive emails until it's activated.

Type: String

Length Constraints: Minimum length of 6. Maximum length of 254.

Pattern: (.+)(.+)@(.+)

Required: Yes

name

The name of the email contact.

Type: String

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

Pattern: `.*[\w-.\~]+.*`

Required: Yes

tags

A map of tags assigned to a resource. A tag is a string-to-string map of key-value pairs.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 200 items.

Key Pattern: `(?!aws:).{1,128}`

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

Response Syntax

```
HTTP/1.1 201
Content-type: application/json
```

```
{
  "arn": "string"
}
```

Response Elements

If the action is successful, the service sends back an HTTP 201 response.

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

arn

The Amazon Resource Name (ARN) of the resource.

Type: String

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource can cause an inconsistent state.

HTTP Status Code: 409

InternalServerErrorException

Unexpected error during processing of request.

HTTP Status Code: 500

ServiceQuotaExceededException

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteEmailContact

Deletes an email contact.

Note

Deleting an email contact removes it from all associated notification configurations.

Request Syntax

```
DELETE /emailcontacts/arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn

The Amazon Resource Name (ARN) of the resource.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

Request Body

The request does not have a request body.

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource can cause an inconsistent state.

HTTP Status Code: 409

InternalServerErrorException

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)

- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetEmailContact

Returns an email contact.

Request Syntax

```
GET /emailcontacts/arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[arn](#)

The Amazon Resource Name (ARN) of the email contact to get.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

```
{
  "emailContact": {
    "address": "string",
    "arn": "string",
    "creationTime": "string",
    "name": "string",
    "status": "string",
    "updateTime": "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.

emailContact

The email contact for the provided email address.

Type: [EmailContact](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListEmailContacts

Lists all email contacts created under the Account.

Request Syntax

```
GET /emailcontacts?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

maxResults

The maximum number of results to include in the response. If more results exist than the specified MaxResults value, a token is included in the response so that the remaining results can be retrieved.

Valid Range: Minimum value of 1. Maximum value of 100.

nextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "emailContacts": [
    {
      "address": "string",
      "arn": "string",
```

```
    "creationTime": "string",
    "name": "string",
    "status": "string",
    "updateTime": "string"
  }
],
"nextToken": "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.

emailContacts

A list of email contacts.

Type: Array of [EmailContact](#) objects

nextToken

An optional token returned from a prior request. Use this token for pagination of results from this action. If this parameter is specified, the response includes only results beyond the token, up to the value specified by MaxResults.

Type: String

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

Unexpected error during processing of request.

HTTP Status Code: 500

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Lists all of the tags associated with the Amazon Resource Name (ARN) that you specify. The resource can be a user, server, or role.

Request Syntax

```
GET /tags/arn HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[arn](#)

The ARN you specified to list the tags of.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

Request Body

The request does not have a request body.

Response Syntax

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

{
  "tags": {
    "string" : "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.

tags

Key-value pairs that are assigned to a resource, usually for the purpose of grouping and searching for items. Tags are metadata that you define.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 200 items.

Key Pattern: (?!aws:).{1,128}

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Errors

For information about the errors that are common to all actions, see [Common Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

SendActivationCode

Sends an activation email to the email address associated with the specified email contact.

Note

It might take a few minutes for the activation email to arrive. If it doesn't arrive, check in your spam folder or try sending another activation email.

Request Syntax

```
POST /2022-10-31/emailcontacts/arn/activate/send HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

arn

The Amazon Resource Name (ARN) of the resource.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

Request Body

The request does not have a request body.

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ConflictException

Updating or deleting a resource can cause an inconsistent state.

HTTP Status Code: 409

InternalServerErrorException

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)

- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Attaches a key-value pair to a resource, as identified by its Amazon Resource Name (ARN). Taggable resources in AWS User Notifications Contacts include email contacts.

Request Syntax

```
POST /tags/arn HTTP/1.1
Content-type: application/json

{
  "tags": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request uses the following URI parameters.

arn

The ARN of the configuration.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

Request Body

The request accepts the following data in JSON format.

tags

A list of tags to apply to the configuration.

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 200 items.

Key Pattern: (?!aws:).{1,128}

Value Length Constraints: Minimum length of 0. Maximum length of 256.

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerError

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also

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

- [AWS Command Line Interface](#)
- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Detaches a key-value pair from a resource, as identified by its Amazon Resource Name (ARN). Taggable resources in AWS User Notifications Contacts include email contacts..

Request Syntax

```
DELETE /tags/arn?tagKeys=tagKeys HTTP/1.1
```

URI Request Parameters

The request uses the following URI parameters.

[arn](#)

The value of the resource that will have the tag removed. An Amazon Resource Name (ARN) is an identifier for a specific AWS resource, such as a server, user, or role.

Pattern: `arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}`

Required: Yes

[tagKeys](#)

Specifies a list of tag keys that you want to remove from the specified resources.

Pattern: `(?!aws:).{1,128}`

Required: Yes

Request Body

The request does not have a request body.

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 Errors](#).

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

InternalServerErrorException

Unexpected error during processing of request.

HTTP Status Code: 500

ResourceNotFoundException

Your request references a resource which does not exist.

HTTP Status Code: 404

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 429

ValidationException

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

See Also


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

- [AWS Command Line Interface](#)

- [AWS SDK for .NET](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The AWS User Notifications Contacts 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:

- [EmailContact](#)
- [ValidationExceptionField](#)

EmailContact

An email contact.

Contents

address

The email address this email contact points to. The activation email and any subscribed emails are sent here.

Type: String

Length Constraints: Minimum length of 6. Maximum length of 254.

Pattern: (.+)@(.+)

Required: Yes

arn

The Amazon Resource Name (ARN) of the email contact.

Type: String

Pattern: arn:aws:notifications-contacts::[0-9]{12}:emailcontact/[a-z0-9]{27}

Required: Yes

creationTime

The creation time of the resource.

Type: Timestamp

Required: Yes

name

The name of the email contact.

Type: String

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

Pattern: `.*[\w-.\~]+.*`

Required: Yes

status

The status of the email contact. Only activated email contacts receive emails.

Type: String

Valid Values: `inactive` | `active`

Required: Yes

updateTime

The time the resource was last updated.

Type: Timestamp

Required: Yes

See Also

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

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

ValidationExceptionField

Stores information about a field passed inside a request that resulted in an exception.

Contents

message

A message with the reason for the validation exception error.

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 AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS 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 AWS API requests](#) in the *IAM User Guide*.

Action

The action to be performed.

Type: string

Required: Yes

Version

The API version that the request is written for, expressed in the format YYYY-MM-DD.

Type: string

Required: Yes

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 AWS 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 AWS 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 AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS 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 AWS 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 Errors

This section lists the errors common to the API actions of all AWS services. For errors specific to an API action for this service, see the topic for that API action.

AccessDeniedException

You do not have sufficient access to perform this action.

HTTP Status Code: 403

ExpiredTokenException

The security token included in the request is expired

HTTP Status Code: 403

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 403

InternalFailure

The request processing has failed because of an unknown error, exception or failure.

HTTP Status Code: 500

MalformedHttpRequestException

Problems with the request at the HTTP level, e.g. we can't decompress the body according to the decompression algorithm specified by the content-encoding.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 401

OptInRequired

The AWS access key ID needs a subscription for the service.

HTTP Status Code: 403

RequestAbortedException

Convenient exception that can be used when a request is aborted before a reply is sent back (e.g. client closed connection).

HTTP Status Code: 400

RequestEntityTooLargeException

Problems with the request at the HTTP level. The request entity is too large.

HTTP Status Code: 413

RequestExpired

The request reached the service more than 15 minutes after the date stamp on the request or more than 15 minutes after the request expiration date (such as for pre-signed URLs), or the date stamp on the request is more than 15 minutes in the future.

HTTP Status Code: 400

RequestTimeoutException

Problems with the request at the HTTP level. Reading the Request timed out.

HTTP Status Code: 408

ServiceUnavailable

The request has failed due to a temporary failure of the server.

HTTP Status Code: 503

ThrottlingException

The request was denied due to request throttling.

HTTP Status Code: 400

UnrecognizedClientException

The X.509 certificate or AWS access key ID provided does not exist in our records.

HTTP Status Code: 403

UnknownOperationException

The action or operation requested is invalid. Verify that the action is typed correctly.

HTTP Status Code: 404

ValidationError

The input fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400