
Service Quotas

API Reference

API Version 2019-06-24



Service Quotas: API Reference

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Welcome

With Service Quotas, you can view and manage your quotas easily as your AWS workloads grow. Quotas, also referred to as limits, are the maximum number of resources that you can create in your AWS account. For more information, see the [Service Quotas User Guide](#).

This document was last published on October 6, 2021.

Actions

The following actions are supported:

- [AssociateServiceQuotaTemplate](#) (p. 3)
- [DeleteServiceQuotaIncreaseRequestFromTemplate](#) (p. 5)
- [DisassociateServiceQuotaTemplate](#) (p. 8)
- [GetAssociationForServiceQuotaTemplate](#) (p. 10)
- [GetAWSDefaultServiceQuota](#) (p. 12)
- [GetRequestedServiceQuotaChange](#) (p. 15)
- [GetServiceQuota](#) (p. 17)
- [GetServiceQuotaIncreaseRequestFromTemplate](#) (p. 20)
- [ListAWSDefaultServiceQuotas](#) (p. 23)
- [ListRequestedServiceQuotaChangeHistory](#) (p. 26)
- [ListRequestedServiceQuotaChangeHistoryByQuota](#) (p. 29)
- [ListServiceQuotaIncreaseRequestsInTemplate](#) (p. 32)
- [ListServiceQuotas](#) (p. 35)
- [ListServices](#) (p. 38)
- [ListTagsForResource](#) (p. 41)
- [PutServiceQuotaIncreaseRequestIntoTemplate](#) (p. 43)
- [RequestServiceQuotaIncrease](#) (p. 46)
- [TagResource](#) (p. 49)
- [UntagResource](#) (p. 51)

AssociateServiceQuotaTemplate

Associates your quota request template with your organization. When a new account is created in your organization, the quota increase requests in the template are automatically applied to the account. You can add a quota increase request for any adjustable quota to your template.

Related Actions

- [DisassociateServiceQuotaTemplate](#) (p. 8)
- [GetAssociationForServiceQuotaTemplate](#) (p. 10)
- [PutServiceQuotaIncreaseRequestIntoTemplate](#) (p. 43)

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](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

OrganizationNotInAllFeaturesModeException

The organization that your account belongs to is not in All Features mode.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DeleteServiceQuotaIncreaseRequestFromTemplate

Deletes the quota increase request for the specified quota from your quota request template.

Request Syntax

```
{  
  "AwsRegion": "string",  
  "QuotaCode": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

[AwsRegion](#) (p. 5)

The AWS Region.

Type: String

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

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

[QuotaCode](#) (p. 5)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

[ServiceCode](#) (p. 5)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: Yes

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 \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

DisassociateServiceQuotaTemplate

Disables your quota request template. After a template is disabled, the quota increase requests in the template are not applied to new accounts in your organization. Disabling a quota request template does not apply its quota increase requests.

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 \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

ServiceQuotaTemplateNotInUseException

The quota request template is not associated with your organization.

HTTP Status Code: 400

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAssociationForServiceQuotaTemplate

Retrieves the status of the association for the quota request template.

Response Syntax

```
{  
  "ServiceQuotaTemplateAssociationStatus": "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.

ServiceQuotaTemplateAssociationStatus (p. 10)

The association status. If the status is ASSOCIATED, the quota increase requests in the template are automatically applied to new accounts in your organization.

Type: String

Valid Values: ASSOCIATED | DISASSOCIATED

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

ServiceQuotaTemplateNotInUseException

The quota request template is not associated with your organization.

HTTP Status Code: 400

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetAWSDefaultServiceQuota

Retrieves the default value for the specified quota. The default value does not reflect any quota increases.

Related Actions

- [ListAWSDefaultServiceQuotas](#) (p. 23)
- [ListServices](#) (p. 38)
- [ListServiceQuotas](#) (p. 35)

Request Syntax

```
{
  "QuotaCode": "string",
  "ServiceCode": "string"
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

QuotaCode (p. 12)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

ServiceCode (p. 12)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: Yes

Response Syntax

```
{
  "Quota": {
    "Adjustable": boolean,
    "ErrorReason": {
```

```
    "ErrorCode": "string",
    "ErrorMessage": "string"
  },
  "GlobalQuota": boolean,
  "Period": {
    "PeriodUnit": "string",
    "PeriodValue": number
  },
  "QuotaArn": "string",
  "QuotaCode": "string",
  "QuotaName": "string",
  "ServiceCode": "string",
  "ServiceName": "string",
  "Unit": "string",
  "UsageMetric": {
    "MetricDimensions": {
      "string": "string"
    },
    "MetricName": "string",
    "MetricNamespace": "string",
    "MetricStatisticRecommendation": "string"
  },
  "Value": 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.

Quota (p. 12)

Information about the quota.

Type: [ServiceQuota](#) (p. 61) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetRequestedServiceQuotaChange

Retrieves information about the specified quota increase request.

Request Syntax

```
{  
  "RequestId": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

RequestId (p. 15)

The ID of the quota increase request.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: [0-9a-zA-Z][a-zA-Z0-9-]{1,128}

Required: Yes

Response Syntax

```
{  
  "RequestedQuota": {  
    "CaseId": "string",  
    "Created": number,  
    "DesiredValue": number,  
    "GlobalQuota": boolean,  
    "Id": "string",  
    "LastUpdated": number,  
    "QuotaArn": "string",  
    "QuotaCode": "string",  
    "QuotaName": "string",  
    "Requester": "string",  
    "ServiceCode": "string",  
    "ServiceName": "string",  
    "Status": "string",  
    "Unit": "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.

[RequestedQuota \(p. 15\)](#)

Information about the quota increase request.

Type: [RequestedServiceQuotaChange \(p. 57\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetServiceQuota

Retrieves the applied quota value for the specified quota. For some quotas, only the default values are available. If the applied quota value is not available for a quota, the quota is not retrieved.

Related Actions

- [ListAWSDefaultServiceQuotas](#) (p. 23)
- [ListServices](#) (p. 38)
- [ListServiceQuotas](#) (p. 35)

Request Syntax

```
{  
  "QuotaCode": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

QuotaCode (p. 17)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

ServiceCode (p. 17)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: Yes

Response Syntax

```
{  
  "Quota": {  
    "Adjustable": boolean,  
    "ErrorReason": {
```

```
    "ErrorCode": "string",
    "ErrorMessage": "string"
  },
  "GlobalQuota": boolean,
  "Period": {
    "PeriodUnit": "string",
    "PeriodValue": number
  },
  "QuotaArn": "string",
  "QuotaCode": "string",
  "QuotaName": "string",
  "ServiceCode": "string",
  "ServiceName": "string",
  "Unit": "string",
  "UsageMetric": {
    "MetricDimensions": {
      "string": "string"
    },
    "MetricName": "string",
    "MetricNamespace": "string",
    "MetricStatisticRecommendation": "string"
  },
  "Value": 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.

Quota (p. 17)

Information about the quota.

Type: [ServiceQuota](#) (p. 61) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

GetServiceQuotaIncreaseRequestFromTemplate

Retrieves information about the specified quota increase request in your quota request template.

Related Actions

- [DeleteServiceQuotaIncreaseRequestFromTemplate](#) (p. 5)
- [ListServiceQuotaIncreaseRequestsInTemplate](#) (p. 32)
- [PutServiceQuotaIncreaseRequestIntoTemplate](#) (p. 43)

Request Syntax

```
{  
  "AwsRegion": "string",  
  "QuotaCode": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

[AwsRegion](#) (p. 20)

The AWS Region.

Type: String

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

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

[QuotaCode](#) (p. 20)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

[ServiceCode](#) (p. 20)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: Yes

Response Syntax

```
{
  "ServiceQuotaIncreaseRequestInTemplate": {
    "AwsRegion": "string",
    "DesiredValue": number,
    "GlobalQuota": boolean,
    "QuotaCode": "string",
    "QuotaName": "string",
    "ServiceCode": "string",
    "ServiceName": "string",
    "Unit": "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.

ServiceQuotaIncreaseRequestInTemplate (p. 21)

Information about the quota increase request.

Type: [ServiceQuotaIncreaseRequestInTemplate](#) (p. 63) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListAWSDefaultServiceQuotas

Lists the default values for the quotas for the specified AWS service. A default value does not reflect any quota increases.

Related Actions

- [GetAWSDefaultServiceQuota](#) (p. 12)
- [ListServices](#) (p. 38)
- [ListServiceQuotas](#) (p. 35)

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

MaxResults (p. 23)

The maximum number of results to return with a single call. To retrieve the remaining results, if any, make another call with the token returned from this call.

Type: Integer

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

Required: No

NextToken (p. 23)

The token for the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Required: No

ServiceCode (p. 23)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: [a-zA-Z][a-zA-Z0-9-]{1,63}

Required: Yes

Response Syntax

```
{
  "NextToken": "string",
  "Quotas": [
    {
      "Adjustable": boolean,
      "ErrorReason": {
        "ErrorCode": "string",
        "ErrorMessage": "string"
      },
      "GlobalQuota": boolean,
      "Period": {
        "PeriodUnit": "string",
        "PeriodValue": number
      },
      "QuotaArn": "string",
      "QuotaCode": "string",
      "QuotaName": "string",
      "ServiceCode": "string",
      "ServiceName": "string",
      "Unit": "string",
      "UsageMetric": {
        "MetricDimensions": {
          "string": "string"
        },
        "MetricName": "string",
        "MetricNamespace": "string",
        "MetricStatisticRecommendation": "string"
      },
      "Value": 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.

NextToken (p. 24)

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: ^[a-zA-Z0-9/+]*={0,2}\$

Quotas (p. 24)

Information about the quotas.

Type: Array of [ServiceQuota \(p. 61\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

InvalidPaginationTokenException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListRequestedServiceQuotaChangeHistory

Retrieves the quota increase requests for the specified service.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string",  
  "ServiceCode": "string",  
  "Status": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

MaxResults (p. 26)

The maximum number of results to return with a single call. To retrieve the remaining results, if any, make another call with the token returned from this call.

Type: Integer

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

Required: No

NextToken (p. 26)

The token for the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Required: No

ServiceCode (p. 26)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: No

Status (p. 26)

The status of the quota increase request.

Type: String

Valid Values: `PENDING` | `CASE_OPENED` | `APPROVED` | `DENIED` | `CASE_CLOSED`

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RequestedQuotas": [
    {
      "CaseId": "string",
      "Created": number,
      "DesiredValue": number,
      "GlobalQuota": boolean,
      "Id": "string",
      "LastUpdated": number,
      "QuotaArn": "string",
      "QuotaCode": "string",
      "QuotaName": "string",
      "Requester": "string",
      "ServiceCode": "string",
      "ServiceName": "string",
      "Status": "string",
      "Unit": "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](#) (p. 27)

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

[RequestedQuotas](#) (p. 27)

Information about the quota increase requests.

Type: Array of [RequestedServiceQuotaChange](#) (p. 57) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

InvalidPaginationTokenException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListRequestedServiceQuotaChangeHistoryByQuota

Retrieves the quota increase requests for the specified quota.

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string",  
  "QuotaCode": "string",  
  "ServiceCode": "string",  
  "Status": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

MaxResults (p. 29)

The maximum number of results to return with a single call. To retrieve the remaining results, if any, make another call with the token returned from this call.

Type: Integer

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

Required: No

NextToken (p. 29)

The token for the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Required: No

QuotaCode (p. 29)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

ServiceCode (p. 29)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: Yes

Status (p. 29)

The status value of the quota increase request.

Type: String

Valid Values: `PENDING` | `CASE_OPENED` | `APPROVED` | `DENIED` | `CASE_CLOSED`

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "RequestedQuotas": [
    {
      "CaseId": "string",
      "Created": number,
      "DesiredValue": number,
      "GlobalQuota": boolean,
      "Id": "string",
      "LastUpdated": number,
      "QuotaArn": "string",
      "QuotaCode": "string",
      "QuotaName": "string",
      "Requester": "string",
      "ServiceCode": "string",
      "ServiceName": "string",
      "Status": "string",
      "Unit": "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 (p. 30)

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

RequestedQuotas (p. 30)

Information about the quota increase requests.

Type: Array of [RequestedServiceQuotaChange](#) (p. 57) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

InvalidPaginationTokenException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListServiceQuotaIncreaseRequestsInTemplate

Lists the quota increase requests in the specified quota request template.

Request Syntax

```
{  
  "AwsRegion": "string",  
  "MaxResults": number,  
  "NextToken": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

AwsRegion (p. 32)

The AWS Region.

Type: String

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

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: No

MaxResults (p. 32)

The maximum number of results to return with a single call. To retrieve the remaining results, if any, make another call with the token returned from this call.

Type: Integer

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

Required: No

NextToken (p. 32)

The token for the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Required: No

ServiceCode (p. 32)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: No

Response Syntax

```
{
  "NextToken": "string",
  "ServiceQuotaIncreaseRequestInTemplateList": [
    {
      "AwsRegion": "string",
      "DesiredValue": number,
      "GlobalQuota": boolean,
      "QuotaCode": "string",
      "QuotaName": "string",
      "ServiceCode": "string",
      "ServiceName": "string",
      "Unit": "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 (p. 33)

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

ServiceQuotaIncreaseRequestInTemplateList (p. 33)

Information about the quota increase requests.

Type: Array of [ServiceQuotaIncreaseRequestInTemplate](#) (p. 63) objects

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListServiceQuotas

Lists the applied quota values for the specified AWS service. For some quotas, only the default values are available. If the applied quota value is not available for a quota, the quota is not retrieved.

Related Actions

- [GetServiceQuota](#) (p. 17)
- [ListAWSDefaultServiceQuotas](#) (p. 23)
- [ListServices](#) (p. 38)
- [RequestServiceQuotaIncrease](#) (p. 46)

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

MaxResults (p. 35)

The maximum number of results to return with a single call. To retrieve the remaining results, if any, make another call with the token returned from this call.

Type: Integer

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

Required: No

NextToken (p. 35)

The token for the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Required: No

ServiceCode (p. 35)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: Yes

Response Syntax

```
{
  "NextToken": "string",
  "Quotas": [
    {
      "Adjustable": boolean,
      "ErrorReason": {
        "ErrorCode": "string",
        "ErrorMessage": "string"
      },
      "GlobalQuota": boolean,
      "Period": {
        "PeriodUnit": "string",
        "PeriodValue": number
      },
      "QuotaArn": "string",
      "QuotaCode": "string",
      "QuotaName": "string",
      "ServiceCode": "string",
      "ServiceName": "string",
      "Unit": "string",
      "UsageMetric": {
        "MetricDimensions": {
          "string": "string"
        },
        "MetricName": "string",
        "MetricNamespace": "string",
        "MetricStatisticRecommendation": "string"
      },
      "Value": 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.

NextToken (p. 36)

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Quotas (p. 36)

Information about the quotas.

Type: Array of [ServiceQuota \(p. 61\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

InvalidPaginationTokenException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListServices

Lists the names and codes for the services integrated with Service Quotas.

Related Actions

- [ListAWSDefaultServiceQuotas](#) (p. 23)
- [ListServiceQuotas](#) (p. 35)
- [RequestServiceQuotaIncrease](#) (p. 46)

Request Syntax

```
{  
  "MaxResults": number,  
  "NextToken": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

MaxResults (p. 38)

The maximum number of results to return with a single call. To retrieve the remaining results, if any, make another call with the token returned from this call.

Type: Integer

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

Required: No

NextToken (p. 38)

The token for the next page of results.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Required: No

Response Syntax

```
{  
  "NextToken": "string",  
  "Services": [  
    {  
      "ServiceCode": "string",
```

```
    "ServiceName": "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 (p. 38)

The token to use to retrieve the next page of results. This value is null when there are no more results to return.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^[a-zA-Z0-9/+]*={0,2}$`

Services (p. 38)

Information about the services.

Type: Array of [ServiceInfo \(p. 60\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

InvalidPaginationTokenException

Invalid input was provided.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

ListTagsForResource

Returns a list of the tags assigned to the specified applied quota.

Request Syntax

```
{  
  "ResourceARN": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

ResourceARN (p. 41)

The Amazon Resource Name (ARN) for the applied quota for which you want to list tags. You can get this information by using the Service Quotas console, or by listing the quotas using the [list-service-quotas](#) AWS CLI command or the [ListServiceQuotas](#) AWS API operation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws(-[\w]+)*:*:.*:[0-9]{12}:.*`

Required: Yes

Response Syntax

```
{  
  "Tags": [  
    {  
      "Key": "string",  
      "Value": "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 (p. 41)

A complex data type that contains zero or more tag elements.

Type: Array of [Tag](#) (p. 65) objects

Array Members: Maximum number of 200 items.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

PutServiceQuotaIncreaseRequestIntoTemplate

Adds a quota increase request to your quota request template.

Related Actions

- [DeleteServiceQuotaIncreaseRequestFromTemplate](#) (p. 5)
- [GetServiceQuotaIncreaseRequestFromTemplate](#) (p. 20)
- [ListServiceQuotaIncreaseRequestsInTemplate](#) (p. 32)

Request Syntax

```
{  
  "AwsRegion": "string",  
  "DesiredValue": number,  
  "QuotaCode": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

[AwsRegion](#) (p. 43)

The AWS Region.

Type: String

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

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

[DesiredValue](#) (p. 43)

The new, increased value for the quota.

Type: Double

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Required: Yes

[QuotaCode](#) (p. 43)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: Yes

ServiceCode (p. 43)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: [a-zA-Z][a-zA-Z0-9-]{1,63}

Required: Yes

Response Syntax

```
{
  "ServiceQuotaIncreaseRequestInTemplate": {
    "AwsRegion": "string",
    "DesiredValue": number,
    "GlobalQuota": boolean,
    "QuotaCode": "string",
    "QuotaName": "string",
    "ServiceCode": "string",
    "ServiceName": "string",
    "Unit": "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.

ServiceQuotaIncreaseRequestInTemplate (p. 44)

Information about the quota increase request.

Type: [ServiceQuotaIncreaseRequestInTemplate \(p. 63\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 68\)](#).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

AWSServiceAccessNotEnabledException

The action you attempted is not allowed unless Service Access with Service Quotas is enabled in your organization.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoAvailableOrganizationException

The account making this call is not a member of an organization.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

QuotaExceededException

You have exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use Service Quotas to request a service quota increase.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TemplatesNotAvailableInRegionException

The Service Quotas template is not available in this AWS Region.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

RequestServiceQuotaIncrease

Submits a quota increase request for the specified quota.

Related Actions

- [GetRequestedServiceQuotaChange](#) (p. 15)
- [ListRequestedServiceQuotaChangeHistory](#) (p. 26)
- [ListRequestedServiceQuotaChangeHistoryByQuota](#) (p. 29)

Request Syntax

```
{  
  "DesiredValue": number,  
  "QuotaCode": "string",  
  "ServiceCode": "string"  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

DesiredValue (p. 46)

The new, increased value for the quota.

Type: Double

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Required: Yes

QuotaCode (p. 46)

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: [a-zA-Z][a-zA-Z0-9-]{1,128}

Required: Yes

ServiceCode (p. 46)

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: [a-zA-Z][a-zA-Z0-9-]{1,63}

Required: Yes

Response Syntax

```
{
  "RequestedQuota": {
    "CaseId": "string",
    "Created": number,
    "DesiredValue": number,
    "GlobalQuota": boolean,
    "Id": "string",
    "LastUpdated": number,
    "QuotaArn": "string",
    "QuotaCode": "string",
    "QuotaName": "string",
    "Requester": "string",
    "ServiceCode": "string",
    "ServiceName": "string",
    "Status": "string",
    "Unit": "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.

RequestedQuota (p. 47)

Information about the quota increase request.

Type: [RequestedServiceQuotaChange](#) (p. 57) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

DependencyAccessDeniedException

You can't perform this action because a dependency does not have access.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

InvalidResourceStateException

The resource is in an invalid state.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

QuotaExceededException

You have exceeded your service quota. To perform the requested action, remove some of the relevant resources, or use Service Quotas to request a service quota increase.

HTTP Status Code: 400

ResourceAlreadyExistsException

The specified resource already exists.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

TagResource

Adds tags to the specified applied quota. You can include one or more tags to add to the quota.

Request Syntax

```
{
  "ResourceARN": "string",
  "Tags": [
    {
      "Key": "string",
      "Value": "string"
    }
  ]
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

ResourceARN (p. 49)

The Amazon Resource Name (ARN) for the applied quota. You can get this information by using the Service Quotas console, or by listing the quotas using the [list-service-quotas](#) AWS CLI command or the [ListServiceQuotas](#) AWS API operation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws(-[\w]+)*:*:.*:[0-9]{12}:.*`

Required: Yes

Tags (p. 49)

The tags that you want to add to the resource.

Type: Array of [Tag](#) (p. 65) objects

Array Members: Minimum number of 1 item.

Required: Yes

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](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TagPolicyViolationException

The specified tag is a reserved word and cannot be used.

HTTP Status Code: 400

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

HTTP Status Code: 400

TooManyTagsException

You've exceeded the number of tags allowed for a resource. For more information, see [Tag restrictions](#) in the *Service Quotas User Guide*.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

UntagResource

Removes tags from the specified applied quota. You can specify one or more tags to remove.

Request Syntax

```
{  
  "ResourceARN": "string",  
  "TagKeys": [ "string" ]  
}
```

Request Parameters

For information about the parameters that are common to all actions, see [Common Parameters](#) (p. 66).

The request accepts the following data in JSON format.

ResourceARN (p. 51)

The Amazon Resource Name (ARN) for the applied quota that you want to untag. You can get this information by using the Service Quotas console, or by listing the quotas using the [list-service-quotas](#) AWS CLI command or the [ListServiceQuotas](#) AWS API operation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1011.

Pattern: `arn:aws(-[\w]+)*:*:.*:[0-9]{12}:.*`

Required: Yes

TagKeys (p. 51)

The keys of the tags that you want to remove from the resource.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `^([\p{L}\p{Z}\p{N}_.: /+=\ -@]*)$`

Required: Yes

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](#) (p. 68).

AccessDeniedException

You do not have sufficient permission to perform this action.

HTTP Status Code: 400

IllegalArgumentException

Invalid input was provided.

HTTP Status Code: 400

NoSuchResourceException

The specified resource does not exist.

HTTP Status Code: 400

ServiceException

Something went wrong.

HTTP Status Code: 500

TooManyRequestsException

Due to throttling, the request was denied. Slow down the rate of request calls, or request an increase for this quota.

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](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

Data Types

The Service Quotas 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:

- [ErrorReason](#) (p. 54)
- [MetricInfo](#) (p. 55)
- [QuotaPeriod](#) (p. 56)
- [RequestedServiceQuotaChange](#) (p. 57)
- [ServiceInfo](#) (p. 60)
- [ServiceQuota](#) (p. 61)
- [ServiceQuotaIncreaseRequestInTemplate](#) (p. 63)
- [Tag](#) (p. 65)

ErrorReason

An error that explains why an action did not succeed.

Contents

ErrorCode

Service Quotas returns the following error values:

- `DEPENDENCY_ACCESS_DENIED_ERROR` - The caller does not have the required permissions to complete the action. To resolve the error, you must have permission to access the service or quota.
- `DEPENDENCY_THROTTLING_ERROR` - The service is throttling Service Quotas.
- `DEPENDENCY_SERVICE_ERROR` - The service is not available.
- `SERVICE_QUOTA_NOT_AVAILABLE_ERROR` - There was an error in Service Quotas.

Type: String

Valid Values: `DEPENDENCY_ACCESS_DENIED_ERROR` | `DEPENDENCY_THROTTLING_ERROR` | `DEPENDENCY_SERVICE_ERROR` | `SERVICE_QUOTA_NOT_AVAILABLE_ERROR`

Required: No

ErrorMessage

The error message.

Type: String

Required: No

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

MetricInfo

Information about the CloudWatch metric that reflects quota usage.

Contents

MetricDimensions

The metric dimension. This is a name/value pair that is part of the identity of a metric.

Type: String to string map

Map Entries: Maximum number of 10 items.

Required: No

MetricName

The name of the metric.

Type: String

Required: No

MetricNamespace

The namespace of the metric.

Type: String

Required: No

MetricStatisticRecommendation

The metric statistic that we recommend you use when determining quota usage.

Type: String

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

Pattern: (Sum|Maximum)

Required: No

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

QuotaPeriod

Information about the quota period.

Contents

PeriodUnit

The time unit.

Type: String

Valid Values: MICROSECOND | MILLISECOND | SECOND | MINUTE | HOUR | DAY | WEEK

Required: No

PeriodValue

The value.

Type: Integer

Required: No

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

RequestedServiceQuotaChange

Information about a quota increase request.

Contents

CaseId

The case ID.

Type: String

Required: No

Created

The date and time when the quota increase request was received and the case ID was created.

Type: Timestamp

Required: No

DesiredValue

The new, increased value for the quota.

Type: Double

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Required: No

GlobalQuota

Indicates whether the quota is global.

Type: Boolean

Required: No

Id

The unique identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[0-9a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: No

LastUpdated

The date and time of the most recent change.

Type: Timestamp

Required: No

QuotaArn

The Amazon Resource Name (ARN) of the quota.

Type: String

Required: No

QuotaCode

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: [a-zA-Z][a-zA-Z0-9-]{1,128}

Required: No

QuotaName

The quota name.

Type: String

Required: No

Requester

The IAM identity of the requester.

Type: String

Required: No

ServiceCode

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: [a-zA-Z][a-zA-Z0-9-]{1,63}

Required: No

ServiceName

The service name.

Type: String

Required: No

Status

The state of the quota increase request.

Type: String

Valid Values: PENDING | CASE_OPENED | APPROVED | DENIED | CASE_CLOSED

Required: No

Unit

The unit of measurement.

Type: String

Required: No

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

ServiceInfo

Information about a service.

Contents

ServiceCode

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: No

ServiceName

The service name.

Type: String

Required: No

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

ServiceQuota

Information about a quota.

Contents

Adjustable

Indicates whether the quota value can be increased.

Type: Boolean

Required: No

ErrorReason

The error code and error reason.

Type: [ErrorReason](#) (p. 54) object

Required: No

GlobalQuota

Indicates whether the quota is global.

Type: Boolean

Required: No

Period

The period of time.

Type: [QuotaPeriod](#) (p. 56) object

Required: No

QuotaArn

The Amazon Resource Name (ARN) of the quota.

Type: String

Required: No

QuotaCode

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: No

QuotaName

The quota name.

Type: String

Required: No

ServiceCode

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: No

ServiceName

The service name.

Type: String

Required: No

Unit

The unit of measurement.

Type: String

Required: No

UsageMetric

Information about the measurement.

Type: [MetricInfo](#) (p. 55) object

Required: No

Value

The quota value.

Type: Double

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Required: No

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

ServiceQuotaIncreaseRequestInTemplate

Information about a quota increase request.

Contents

AwsRegion

The AWS Region.

Type: String

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

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: No

DesiredValue

The new, increased value of the quota.

Type: Double

Valid Range: Minimum value of 0. Maximum value of 10000000000.

Required: No

GlobalQuota

Indicates whether the quota is global.

Type: Boolean

Required: No

QuotaCode

The quota identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,128}`

Required: No

QuotaName

The quota name.

Type: String

Required: No

ServiceCode

The service identifier.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 63.

Pattern: `[a-zA-Z][a-zA-Z0-9-]{1,63}`

Required: No

ServiceName

The service name.

Type: String

Required: No

Unit

The unit of measurement.

Type: String

Required: No

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

Tag

A complex data type that contains a tag key and tag value.

Contents

Key

A string that contains a tag key. The string length should be between 1 and 128 characters. Valid characters include a-z, A-Z, 0-9, space, and the special characters `_ - . : / = + @`.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Pattern: `^([\p{L}\p{Z}\p{N}_-./=+\-@]*)$`

Required: Yes

Value

A string that contains an optional tag value. The string length should be between 0 and 256 characters. Valid characters include a-z, A-Z, 0-9, space, and the special characters `_ - . : / = + @`.

Type: String

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

Pattern: `^([\p{L}\p{Z}\p{N}_-./=+\-@]*)$`

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 Go](#)
- [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 [Signature Version 4 Signing Process](#) in the *Amazon Web Services General Reference*.

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 [Task 2: Create a String to Sign for Signature Version 4](#) in the *Amazon Web Services General Reference*.

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'THHMMSS'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 [Handling Dates in Signature Version 4](#) in the *Amazon Web Services General Reference*.

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 Security Token Service, go to [AWS Services That Work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from the AWS Security Token Service, 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 [Task 1: Create a Canonical Request For Signature Version 4](#) in the *Amazon Web Services General Reference*.

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: 400

IncompleteSignature

The request signature does not conform to AWS standards.

HTTP Status Code: 400

InternalFailure

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

HTTP Status Code: 500

InvalidAction

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

HTTP Status Code: 400

InvalidClientTokenId

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

HTTP Status Code: 403

InvalidParameterCombination

Parameters that must not be used together were used together.

HTTP Status Code: 400

InvalidParameterValue

An invalid or out-of-range value was supplied for the input parameter.

HTTP Status Code: 400

InvalidQueryParameter

The AWS query string is malformed or does not adhere to AWS standards.

HTTP Status Code: 400

MalformedQueryString

The query string contains a syntax error.

HTTP Status Code: 404

MissingAction

The request is missing an action or a required parameter.

HTTP Status Code: 400

MissingAuthenticationToken

The request must contain either a valid (registered) AWS access key ID or X.509 certificate.

HTTP Status Code: 403

MissingParameter

A required parameter for the specified action is not supplied.

HTTP Status Code: 400

NotAuthorized

You do not have permission to perform this action.

HTTP Status Code: 400

OptInRequired

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

HTTP Status Code: 403

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

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

ValidationError

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

HTTP Status Code: 400