



Observability Admin API Reference

# Amazon CloudWatch



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# Amazon CloudWatch: Observability Admin API Reference

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# Welcome

You can use Amazon CloudWatch Observability Admin to discover and understand the state of telemetry configuration in CloudWatch for your AWS Organization or account. This simplifies the process of auditing your telemetry collection configurations across multiple resource types within your AWS organization or account. By providing a consolidated view, it allows you to easily review and manage telemetry settings, helping you ensure proper monitoring and data collection across your AWS environment. For more information, see [Auditing CloudWatch telemetry configurations](#) in the CloudWatch User Guide.

For information on the permissions you need to use this API, see [Identity and access management for Amazon CloudWatch](#) in the CloudWatch User Guide.

This document was last published on January 3, 2025.

# Actions

The following actions are supported:

- [GetTelemetryEvaluationStatus](#)
- [GetTelemetryEvaluationStatusForOrganization](#)
- [ListResourceTelemetry](#)
- [ListResourceTelemetryForOrganization](#)
- [StartTelemetryEvaluation](#)
- [StartTelemetryEvaluationForOrganization](#)
- [StopTelemetryEvaluation](#)
- [StopTelemetryEvaluationForOrganization](#)

# GetTelemetryEvaluationStatus

Returns the current onboarding status of the telemetry config feature, including the status of the feature and reason the feature failed to start or stop.

## Request Syntax

```
POST /GetTelemetryEvaluationStatus HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request does not have a request body.

## Response Syntax

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

{
  "FailureReason": "string",
  "Status": "string"
}
```

## Response Elements

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

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

### [FailureReason](#)

Describes the reason for the failure status. The field will only be populated if Status is FAILED\_START or FAILED\_STOP.

Type: String



## Status

The onboarding status of the telemetry config feature.

Type: String

Valid Values: NOT\_STARTED | STARTING | FAILED\_START | RUNNING | STOPPING | FAILED\_STOP | STOPPED

## Errors

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

### AccessDeniedException

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

### InternalServerError

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

## 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](#)

# GetTelemetryEvaluationStatusForOrganization

This returns the onboarding status of the telemetry configuration feature for the organization. It can only be called by a Management Account of an AWS Organization or an assigned Delegated Admin Account of Amazon CloudWatch telemetry config.

## Request Syntax

```
POST /GetTelemetryEvaluationStatusForOrganization HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request does not have a request body.

## Response Syntax

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

{
  "FailureReason": "string",
  "Status": "string"
}
```

## Response Elements

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

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

### [FailureReason](#)

This field describes the reason for the failure status. The field will only be populated if `Status` is `FAILED_START` or `FAILED_STOP`.

Type: String

## Status

The onboarding status of the telemetry config feature for the organization.

Type: String

Valid Values: NOT\_STARTED | STARTING | FAILED\_START | RUNNING | STOPPING | FAILED\_STOP | STOPPED

## Errors

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

### AccessDeniedException

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

### InternalServerError

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

### ValidationException

Indicates input validation failed. Check your request parameters and retry the request.

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](#)

# ListResourceTelemetry

Returns a list of telemetry configurations for AWS resources supported by telemetry config. For more information, see [Auditing CloudWatch telemetry configurations](#).

## Request Syntax

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

{
  "MaxResults": number,
  "NextToken": "string",
  "ResourceIdentifierPrefix": "string",
  "ResourceTags": {
    "string" : "string"
  },
  "ResourceTypes": [ "string" ],
  "TelemetryConfigurationState": {
    "string" : "string"
  }
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### MaxResults

A number field used to limit the number of results within the returned list.

Type: Integer

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

Required: No

## NextToken

The token for the next set of items to return. A previous call generates this token.

Type: String

Required: No

## ResourceIdentifierPrefix

A string used to filter resources which have a `ResourceIdentifier` starting with the `ResourceIdentifierPrefix`.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 768.

Required: No

## ResourceTags

A key-value pair to filter resources based on tags associated with the resource. For more information about tags, see [What are tags?](#)

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

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

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

Required: No

## ResourceTypes

A list of resource types used to filter resources supported by telemetry config. If this parameter is provided, the resources will be returned in the same order used in the request.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Valid Values: `AWS::EC2::Instance` | `AWS::EC2::VPC` | `AWS::Lambda::Function`

Required: No

### TelemetryConfigurationState

A key-value pair to filter resources based on the telemetry type and the state of the telemetry configuration. The key is the telemetry type and the value is the state.

Type: String to string map

Valid Keys: Logs | Metrics | Traces

Valid Values: Enabled | Disabled | NotApplicable

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "TelemetryConfigurations": [
    {
      "AccountIdentifier": "string",
      "LastUpdateTimeStamp": number,
      "ResourceIdentifier": "string",
      "ResourceTags": {
        "string" : "string"
      },
      "ResourceType": "string",
      "TelemetryConfigurationState": {
        "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.



## NextToken

The token for the next set of items to return. A previous call generates this token.

Type: String

## TelemetryConfigurations

A list of telemetry configurations for AWS resources supported by telemetry config in the caller's account.

Type: Array of [TelemetryConfiguration](#) objects

## Errors

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

### **AccessDeniedException**

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

### **InternalServerErrorException**

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

### **ValidationException**

Indicates input validation failed. Check your request parameters and retry the request.

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](#)

# ListResourceTelemetryForOrganization

Returns a list of telemetry configurations for AWS resources supported by telemetry config in the organization.

## Request Syntax

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

```
{
  "AccountIdentifiers": [ "string" ],
  "MaxResults": number,
  "NextToken": "string",
  "ResourceIdentifierPrefix": "string",
  "ResourceTags": {
    "string" : "string"
  },
  "ResourceTypes": [ "string" ],
  "TelemetryConfigurationState": {
    "string" : "string"
  }
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountIdentifiers

A list of AWS accounts used to filter the resources to those associated with the specified accounts.

Type: Array of strings

Array Members: Minimum number of 0 items. Maximum number of 10 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### MaxResults

A number field used to limit the number of results within the returned list.

Type: Integer

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

Required: No

### NextToken

The token for the next set of items to return. A previous call provides this token.

Type: String

Required: No

### ResourceIdentifierPrefix

A string used to filter resources in the organization which have a `ResourceIdentifier` starting with the `ResourceIdentifierPrefix`.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 768.

Required: No

### ResourceTags

A key-value pair to filter resources in the organization based on tags associated with the resource. For more information about tags, see [What are tags?](#)

Type: String to string map

Map Entries: Minimum number of 0 items. Maximum number of 50 items.

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

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

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

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

Required: No

### ResourceTypes

A list of resource types used to filter resources in the organization. If this parameter is provided, the resources will be returned in the same order used in the request.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 5 items.

Valid Values: `AWS::EC2::Instance` | `AWS::EC2::VPC` | `AWS::Lambda::Function`

Required: No

### TelemetryConfigurationState

A key-value pair to filter resources in the organization based on the telemetry type and the state of the telemetry configuration. The key is the telemetry type and the value is the state.

Type: String to string map

Valid Keys: `Logs` | `Metrics` | `Traces`

Valid Values: `Enabled` | `Disabled` | `NotApplicable`

Required: No

## Response Syntax

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

{
  "NextToken": "string",
  "TelemetryConfigurations": [
    {
      "AccountIdentifier": "string",
      "LastUpdateTimeStamp": number,
      "ResourceIdentifier": "string",
```

```
    "ResourceTags": {
      "string" : "string"
    },
    "ResourceType": "string",
    "TelemetryConfigurationState": {
      "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.

### NextToken

The token for the next set of items to return. A previous call provides this token.

Type: String

### TelemetryConfigurations

A list of telemetry configurations for AWS resources supported by telemetry config in the organization.

Type: Array of [TelemetryConfiguration](#) objects

## Errors

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

### **AccessDeniedException**

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

## InternalServerErrorException

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

## ValidationException

Indicates input validation failed. Check your request parameters and retry the request.

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](#)

# StartTelemetryEvaluation

This action begins onboarding the caller AWS account to the telemetry config feature.

## Request Syntax

```
POST /StartTelemetryEvaluation HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## 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

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

### InternalServerErrorException

Indicates the request has failed to process because of an unknown server error, exception, or failure.



HTTP Status Code: 500

## ValidationException

Indicates input validation failed. Check your request parameters and retry the request.

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](#)

# StartTelemetryEvaluationForOrganization

This actions begins onboarding the organization and all member accounts to the telemetry config feature.

## Request Syntax

```
POST /StartTelemetryEvaluationForOrganization HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## 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

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

## InternalServerErrorException

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

## ValidationException

Indicates input validation failed. Check your request parameters and retry the request.

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](#)

# StopTelemetryEvaluation

This action begins offboarding the caller AWS account from the telemetry config feature.

## Request Syntax

```
POST /StopTelemetryEvaluation HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## 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

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

### InternalServerErrorException

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

## ValidationException

Indicates input validation failed. Check your request parameters and retry the request.

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](#)

# StopTelemetryEvaluationForOrganization

This action offboards the Organization of the caller AWS account from the telemetry config feature.

## Request Syntax

```
POST /StopTelemetryEvaluationForOrganization HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## 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

Indicates you don't have permissions to perform the requested operation. The user or role that is making the request must have at least one IAM permissions policy attached that grants the required permissions. For more information, see [Access management for AWS resources](#) in the IAM user guide.

HTTP Status Code: 400

## InternalServerErrorException

Indicates the request has failed to process because of an unknown server error, exception, or failure.

HTTP Status Code: 500

## ValidationException

Indicates input validation failed. Check your request parameters and retry the request.

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 CloudWatch Observability Admin Service 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:

- [TelemetryConfiguration](#)



# TelemetryConfiguration

A model representing the state of a resource within an account according to telemetry config.

## Contents

### AccountIdentifier

The account ID which contains the resource managed in telemetry configuration. An example of a valid account ID is 012345678901.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

### LastUpdateTimeStamp

The timestamp of the last change to the telemetry configuration for the resource. For example, 1728679196318.

Type: Long

Required: No

### ResourceIdentifier

The identifier of the resource, for example i-0b22a22eec53b9321.

Type: String

Required: No

### ResourceTags

Tags associated with the resource, for example { Name: "ExampleInstance", Environment: "Development" }.

Type: String to string map

Required: No

## ResourceType

The type of resource, for example `AWS::EC2::Instance`.

Type: String

Valid Values: `AWS::EC2::Instance` | `AWS::EC2::VPC` | `AWS::Lambda::Function`

Required: No

## TelemetryConfigurationState

The configuration state for the resource, for example `{ Logs: NotApplicable; Metrics: Enabled; Traces: NotApplicable; }`.

Type: String to string map

Valid Keys: `Logs` | `Metrics` | `Traces`

Valid Values: `Enabled` | `Disabled` | `NotApplicable`

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 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