



Welcome

# AWS Artifact



**API Version 2018-05-10**

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## **AWS Artifact: Welcome**

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# Welcome

This reference provides descriptions of the low-level AWS Artifact Service API.

This document was last published on July 9, 2024.

# Actions

The following actions are supported:

- [GetAccountSettings](#)
- [GetReport](#)
- [GetReportMetadata](#)
- [GetTermForReport](#)
- [ListReports](#)
- [PutAccountSettings](#)

# GetAccountSettings

Get the account settings for Artifact.

## Request Syntax

```
GET /v1/account-settings/get 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

{
  "accountSettings": {
    "notificationSubscriptionStatus": "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.

### accountSettings

Account settings for the customer.

Type: [AccountSettings](#) object

## Errors

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

### **AccessDeniedException**

User does not have sufficient access to perform this action.

HTTP Status Code: 403

### **ConflictException**

Request to create/modify content would result in a conflict.

HTTP Status Code: 409

### **InternalServerErrorException**

An unknown server exception has occurred.

HTTP Status Code: 500

### **ResourceNotFoundException**

Request references a resource which does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

HTTP Status Code: 429

### **ValidationException**

Request fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400



## See Also

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

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

# GetReport

Get the content for a single report.

## Request Syntax

```
GET /v1/report/get?reportId=reportId&termToken=termToken&version=version HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### reportId

Unique resource ID for the report resource.

Pattern: `^report-[a-zA-Z0-9]{16}$`

Required: Yes

### termToken

Unique download token provided by GetTermForReport API.

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

Pattern: `^[a-zA-Z0-9_-\s]*$`

Required: Yes

### version

Version for the report resource.

Valid Range: Minimum value of 1.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "documentPresignedUrl": "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.

### documentPresignedUrl

Presigned S3 url to access the report content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

## Errors

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

### **AccessDeniedException**

User does not have sufficient access to perform this action.

HTTP Status Code: 403

### **ConflictException**

Request to create/modify content would result in a conflict.

HTTP Status Code: 409

### **InternalServerErrorException**

An unknown server exception has occurred.

HTTP Status Code: 500

### **ResourceNotFoundException**

Request references a resource which does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

HTTP Status Code: 429

### **ValidationException**

Request fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

## **See Also**

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

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

# GetReportMetadata

Get the metadata for a single report.

## Request Syntax

```
GET /v1/report/getMetadata?reportId=reportId&version=version HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### reportId

Unique resource ID for the report resource.

Pattern: `^report-[a-zA-Z0-9]{16}$`

Required: Yes

### version

Version for the report resource.

Valid Range: Minimum value of 1.

## Request Body

The request does not have a request body.

## Response Syntax

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

{
  "reportDetails": {
    "acceptanceType": "string",
    "arn": "string",
    "category": "string",
    "companyName": "string",
    "createdAt": "string",
```

```
"deletedAt": "string",
"description": "string",
"id": "string",
"lastModifiedAt": "string",
"name": "string",
"periodEnd": "string",
"periodStart": "string",
"productName": "string",
"sequenceNumber": number,
"series": "string",
"state": "string",
"statusMessage": "string",
"termArn": "string",
"uploadState": "string",
"version": 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.

### reportDetails

Report resource detail.

Type: [ReportDetail](#) object

## Errors

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

### **AccessDeniedException**

User does not have sufficient access to perform this action.

HTTP Status Code: 403

### **InternalServerErrorException**

An unknown server exception has occurred.

HTTP Status Code: 500

### **ResourceNotFoundException**

Request references a resource which does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

HTTP Status Code: 429

### **ValidationException**

Request fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

## **See Also**

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

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

# GetTermForReport

Get the Term content associated with a single report.

## Request Syntax

```
GET /v1/report/getTermForReport?reportId=reportId&version=version HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### reportId

Unique resource ID for the report resource.

Pattern: `^report-[a-zA-Z0-9]{16}$`

Required: Yes

### version

Version for the report resource.

Valid Range: Minimum value of 1.

## Request Body

The request does not have a request body.

## Response Syntax

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

{
  "documentPresignedUrl": "string",
  "termToken": "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.

### documentPresignedUrl

Presigned S3 url to access the term content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 10240.

### termToken

Unique token representing this request event.

Type: String

## Errors

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

### **AccessDeniedException**

User does not have sufficient access to perform this action.

HTTP Status Code: 403

### **ConflictException**

Request to create/modify content would result in a conflict.

HTTP Status Code: 409

### **InternalServerErrorException**

An unknown server exception has occurred.

HTTP Status Code: 500

### **ResourceNotFoundException**

Request references a resource which does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

HTTP Status Code: 429

### **ValidationException**

Request fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

## **See Also**

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

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

# ListReports

List available reports.

## Request Syntax

```
GET /v1/report/list?maxResults=maxResults&nextToken=nextToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### maxResults

Maximum number of resources to return in the paginated response.

Valid Range: Minimum value of 1. Maximum value of 300.

### nextToken

Pagination token to request the next page of resources.

Length Constraints: Minimum length of 1. Maximum length of 2048.

## Request Body

The request does not have a request body.

## Response Syntax

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

{
  "nextToken": "string",
  "reports": [
    {
      "arn": "string",
      "category": "string",
      "companyName": "string",
      "description": "string",
```

```
"id": "string",
"name": "string",
"periodEnd": "string",
"periodStart": "string",
"productName": "string",
"series": "string",
"state": "string",
"statusMessage": "string",
"uploadState": "string",
"version": 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

Pagination token to request the next page of resources.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

### reports

List of report resources.

Type: Array of [ReportSummary](#) objects

## Errors

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

### **AccessDeniedException**

User does not have sufficient access to perform this action.

HTTP Status Code: 403

## **InternalServerErrorException**

An unknown server exception has occurred.

HTTP Status Code: 500

## **ResourceNotFoundException**

Request references a resource which does not exist.

HTTP Status Code: 404

## **ServiceQuotaExceededException**

Request would cause a service quota to be exceeded.

HTTP Status Code: 402

## **ThrottlingException**

Request was denied due to request throttling.

HTTP Status Code: 429

## **ValidationException**

Request fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400

## **See Also**

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

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

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# PutAccountSettings

Put the account settings for Artifact.

## Request Syntax

```
PUT /v1/account-settings/put HTTP/1.1
Content-type: application/json

{
  "notificationSubscriptionStatus": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### notificationSubscriptionStatus

Desired notification subscription status.

Type: String

Valid Values: SUBSCRIBED | NOT\_SUBSCRIBED

Required: No

## Response Syntax

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

{
  "accountSettings": {
    "notificationSubscriptionStatus": "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.

### accountSettings

Account settings for the customer.

Type: [AccountSettings](#) object

## Errors

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

### **AccessDeniedException**

User does not have sufficient access to perform this action.

HTTP Status Code: 403

### **ConflictException**

Request to create/modify content would result in a conflict.

HTTP Status Code: 409

### **InternalServerErrorException**

An unknown server exception has occurred.

HTTP Status Code: 500

### **ResourceNotFoundException**

Request references a resource which does not exist.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

Request would cause a service quota to be exceeded.



HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

HTTP Status Code: 429

### **ValidationException**

Request fails to satisfy the constraints specified by an AWS service.

HTTP Status Code: 400


## **See Also**

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

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

# Data Types

The ArtifactLambda 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:

- [AccountSettings](#)
- [ReportDetail](#)
- [ReportSummary](#)
- [ValidationExceptionField](#)

# AccountSettings

Account settings for the customer.

## Contents

### notificationSubscriptionStatus

Notification subscription status of the customer.

Type: String

Valid Values: SUBSCRIBED | NOT\_SUBSCRIBED

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](#)

# ReportDetail

Full detail for report resource metadata.

## Contents

### acceptanceType

Acceptance type for report.

Type: String

Valid Values: PASSTHROUGH | EXPLICIT

Required: No

### arn

ARN for the report resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `^[^<>]*$`

Required: No

### category

Category for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\s]*$`

Required: No

### companyName

Associated company name for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\s]*$`

Required: No

### **createdAt**

Timestamp indicating when the report resource was created.

Type: Timestamp

Required: No

### **deletedAt**

Timestamp indicating when the report resource was deleted.

Type: Timestamp

Required: No

### **description**

Description for the report resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `^[^<>]*$`

Required: No

### **id**

Unique resource ID for the report resource.

Type: String

Pattern: `^report-[a-zA-Z0-9]{16}$`

Required: No

### **lastModifiedAt**

Timestamp indicating when the report resource was last modified.

Type: Timestamp

Required: No

### **name**

Name for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\\s]*$`

Required: No

### **periodEnd**

Timestamp indicating the report resource effective end.

Type: Timestamp

Required: No

### **periodStart**

Timestamp indicating the report resource effective start.

Type: Timestamp

Required: No

### **productName**

Associated product name for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\\s]*$`

Required: No

### **sequenceNumber**

Sequence number to enforce optimistic locking.

Type: Long

Valid Range: Minimum value of 1.

Required: No

### **series**

Series for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\s]*$`

Required: No

### **state**

Current state of the report resource

Type: String

Valid Values: PUBLISHED | UNPUBLISHED

Required: No

### **statusMessage**

The message associated with the current upload state.

Type: String

Required: No

### **termArn**

Unique resource ARN for term resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `^[^<>]*$`

Required: No

## uploadState

The current state of the document upload.

Type: String

Valid Values: PROCESSING | COMPLETE | FAILED | FAULT

Required: No

## version

Version for the report resource.

Type: Long

Valid Range: Minimum value of 1.

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](#)



# ReportSummary

Summary for report resource.

## Contents

### arn

ARN for the report resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `^[^<>]*$`

Required: No

### category

Category for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\\s]*$`

Required: No

### companyName

Associated company name for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\\s]*$`

Required: No

### description

Description for the report resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Pattern: `^[^<>]*$`

Required: No

## **id**

Unique resource ID for the report resource.

Type: String

Pattern: `^report-[a-zA-Z0-9]{16}$`

Required: No

## **name**

Name for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\- \s]*$`

Required: No

## **periodEnd**

Timestamp indicating the report resource effective end.

Type: Timestamp

Required: No

## **periodStart**

Timestamp indicating the report resource effective start.

Type: Timestamp

Required: No

**productName**

Associated product name for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\\s]*$`

Required: No

**series**

Series for the report resource.

Type: String

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

Pattern: `^[a-zA-Z0-9_\-\\s]*$`

Required: No

**state**

Current state of the report resource.

Type: String

Valid Values: PUBLISHED | UNPUBLISHED

Required: No

**statusMessage**

The message associated with the current upload state.

Type: String

Required: No

**uploadState**

The current state of the document upload.

Type: String

Valid Values: PROCESSING | COMPLETE | FAILED | FAULT

Required: No

### **version**

Version for the report resource.

Type: Long

Valid Range: Minimum value of 1.

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](#)

# ValidationExceptionField

Validation exception message and name.

## Contents

### message

Message describing why the field failed validation.

Type: String

Required: Yes

### name

Name of validation exception.

Type: String

Required: Yes

## See Also

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

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

# Common Parameters

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

## Action

The action to be performed.

Type: string

Required: Yes

## Version

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

Type: string

Required: Yes

## X-Amz-Algorithm

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

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

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

## X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4\_request"). The value is expressed in the following format: *access\_key/YYYYMMDD/region/service/aws4\_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

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

Type: string

Required: Conditional

### **X-Amz-Date**

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

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

Type: string

Required: Conditional

### **X-Amz-Security-Token**

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

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

Type: string

Required: Conditional

### **X-Amz-Signature**

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

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

Type: string

Required: Conditional

### **X-Amz-SignedHeaders**

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

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

Type: string

Required: Conditional



# Common Errors

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

## **AccessDeniedException**

You do not have sufficient access to perform this action.

HTTP Status Code: 403

## **ExpiredTokenException**

The security token included in the request is expired

HTTP Status Code: 403

## **IncompleteSignature**

The request signature does not conform to AWS standards.

HTTP Status Code: 403

## **InternalFailure**

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

HTTP Status Code: 500

## **MalformedHttpRequestException**

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

HTTP Status Code: 400

## **NotAuthorized**

You do not have permission to perform this action.

HTTP Status Code: 401

## **OptInRequired**

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

HTTP Status Code: 403

### **RequestAbortedException**

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

HTTP Status Code: 400

### **RequestEntityTooLargeException**

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

HTTP Status Code: 413

### **RequestExpired**

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

HTTP Status Code: 400

### **RequestTimeoutException**

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

HTTP Status Code: 408

### **ServiceUnavailable**

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

HTTP Status Code: 503

### **ThrottlingException**

The request was denied due to request throttling.

HTTP Status Code: 400

### **UnrecognizedClientException**

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

HTTP Status Code: 403

**UnknownOperationException**

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

HTTP Status Code: 404

**ValidationError**

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

HTTP Status Code: 400