
Amazon WorkDocs

API Reference

API Version 2016-05-01



Amazon WorkDocs: API Reference

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Welcome

The WorkDocs API is designed for the following use cases:

- **File Migration:** File migration applications are supported for users who want to migrate their files from an on-premises or off-premises file system or service. Users can insert files into a user directory structure, as well as allow for basic metadata changes, such as modifications to the permissions of files.
- **Security:** Support security applications are supported for users who have additional security needs, such as antivirus or data loss prevention. The API actions, along with AWS CloudTrail, allow these applications to detect when changes occur in Amazon WorkDocs. Then, the application can take the necessary actions and replace the target file. If the target file violates the policy, the application can also choose to email the user.
- **eDiscovery/Analytics:** General administrative applications are supported, such as eDiscovery and analytics. These applications can choose to mimic or record the actions in an Amazon WorkDocs site, along with AWS CloudTrail, to replicate data for eDiscovery, backup, or analytical applications.

All Amazon WorkDocs API actions are Amazon authenticated and certificate-signed. They not only require the use of the AWS SDK, but also allow for the exclusive use of IAM users and roles to help facilitate access, trust, and permission policies. By creating a role and allowing an IAM user to access the Amazon WorkDocs site, the IAM user gains full administrative visibility into the entire Amazon WorkDocs site (or as set in the IAM policy). This includes, but is not limited to, the ability to modify file permissions and upload any file to any user. This allows developers to perform the three use cases above, as well as give users the ability to grant access on a selective basis using the IAM model.

This document was last published on October 24, 2017.

Actions

The following actions are supported:

- [AbortDocumentVersionUpload](#) (p. 4)
- [ActivateUser](#) (p. 6)
- [AddResourcePermissions](#) (p. 9)
- [CreateComment](#) (p. 12)
- [CreateCustomMetadata](#) (p. 16)
- [CreateFolder](#) (p. 19)
- [CreateLabels](#) (p. 22)
- [CreateNotificationSubscription](#) (p. 25)
- [CreateUser](#) (p. 28)
- [DeactivateUser](#) (p. 32)
- [DeleteComment](#) (p. 34)
- [DeleteCustomMetadata](#) (p. 37)
- [DeleteDocument](#) (p. 40)
- [DeleteFolder](#) (p. 42)
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- [DeleteLabels](#) (p. 46)
- [DeleteNotificationSubscription](#) (p. 48)
- [DeleteUser](#) (p. 50)
- [DescribeActivities](#) (p. 52)
- [DescribeComments](#) (p. 56)
- [DescribeDocumentVersions](#) (p. 59)
- [DescribeFolderContents](#) (p. 62)
- [DescribeNotificationSubscriptions](#) (p. 66)
- [DescribeResourcePermissions](#) (p. 68)
- [DescribeRootFolders](#) (p. 71)
- [DescribeUsers](#) (p. 74)
- [GetCurrentUser](#) (p. 78)
- [GetDocument](#) (p. 81)
- [GetDocumentPath](#) (p. 84)

- [GetDocumentVersion](#) (p. 87)
- [GetFolder](#) (p. 90)
- [GetFolderPath](#) (p. 93)
- [InitiateDocumentVersionUpload](#) (p. 96)
- [RemoveAllResourcePermissions](#) (p. 101)
- [RemoveResourcePermission](#) (p. 103)
- [UpdateDocument](#) (p. 105)
- [UpdateDocumentVersion](#) (p. 108)
- [UpdateFolder](#) (p. 111)
- [UpdateUser](#) (p. 114)

AbortDocumentVersionUpload

Aborts the upload of the specified document version that was previously initiated by [InitiateDocumentVersionUpload](#) (p. 96). The client should make this call only when it no longer intends to upload the document version, or fails to do so.

Request Syntax

```
DELETE /api/v1/documents/DocumentId/versions/VersionId HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 4)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 4)

The ID of the document.

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

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

VersionId (p. 4)

The ID of the version.

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

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

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 155).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

ActivateUser

Activates the specified user. Only active users can access Amazon WorkDocs.

Request Syntax

```
POST /api/v1/users/UserId/activation HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 6)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

UserId (p. 6)

The ID of the user.

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

Pattern: [*&\w+-.@*]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json  
  
{  
  "User": {  
    "CreatedTimestamp": number,  
    "EmailAddress": "string",  
    "GivenName": "string",  
    "Id": "string",  
    "Locale": "string",  
    "ModifiedTimestamp": number,  
    "OrganizationId": "string",  
    "RecycleBinFolderId": "string",  
    "RootFolderId": "string",  
    "Status": "string",  
    "Storage": {  
      "StorageRule": {  
        "StorageAllocatedInBytes": number,  
        "StorageType": "string"  
      },  
      "StorageUtilizedInBytes": number  
    }  
  }  
}
```

```
"Surname": "string",  
"TimeZoneId": "string",  
"Type": "string",  
"Username": "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.

User (p. 6)

The user information.

Type: [User \(p. 147\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

See Also

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

AddResourcePermissions

Creates a set of permissions for the specified folder or document. The resource permissions are overwritten if the principals already have different permissions.

Request Syntax

```
POST /api/v1/resources/ResourceId/permissions HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "Principals": [
    {
      "Id": "string",
      "Role": "string",
      "Type": "string"
    }
  ]
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 9)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

ResourceId (p. 9)

The ID of the resource.

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

Pattern: [\w+-.@]+

Request Body

The request accepts the following data in JSON format.

Principals (p. 9)

The users, groups, or organization being granted permission.

Type: Array of [SharePrincipal \(p. 141\)](#) objects

Required: Yes

Response Syntax

```
HTTP/1.1 201
```

```
Content-type: application/json

{
  "ShareResults": [
    {
      "PrincipalId": "string",
      "Role": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

Response Elements

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

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

ShareResults (p. 9)

The share results.

Type: Array of [ShareResult \(p. 142\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

CreateComment

Adds a new comment to the specified document version.

Request Syntax

```
POST /api/v1/documents/DocumentId/versions/VersionId/comment HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "NotifyCollaborators": boolean,
  "ParentId": "string",
  "Text": "string",
  "ThreadId": "string",
  "Visibility": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 12)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 12)

The ID of the document.

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

Pattern: `[\w+-.@]+`

VersionId (p. 12)

The ID of the document version.

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

Pattern: `[\w+-.@]+`

Request Body

The request accepts the following data in JSON format.

NotifyCollaborators (p. 12)

Set this parameter to TRUE to send an email out to the document collaborators after the comment is created.

Type: Boolean

Required: No

ParentId (p. 12)

The ID of the parent comment.

Type: String

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

Pattern: [\w+-.@]+

Required: No

Text (p. 12)

The text of the comment.

Type: String

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

Required: Yes

ThreadId (p. 12)

The ID of the root comment in the thread.

Type: String

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

Pattern: [\w+-.@]+

Required: No

Visibility (p. 12)

The visibility of the comment. Options are either PRIVATE, where the comment is visible only to the comment author and document owner and co-owners, or PUBLIC, where the comment is visible to document owners, co-owners, and contributors.

Type: String

Valid Values: PUBLIC | PRIVATE

Required: No

Response Syntax

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

{
  "Comment": {
    "CommentId": "string",
    "Contributor": {
      "CreatedTimestamp": number,
      "EmailAddress": "string",
      "GivenName": "string",
      "Id": "string",
      "Locale": "string",
      "ModifiedTimestamp": number,
      "OrganizationId": "string",
      "RecycleBinFolderId": "string",
      "RootFolderId": "string",
```

```
    "Status": "string",
    "Storage": {
      "StorageRule": {
        "StorageAllocatedInBytes": number,
        "StorageType": "string"
      },
      "StorageUtilizedInBytes": number
    },
    "Surname": "string",
    "TimeZoneId": "string",
    "Type": "string",
    "Username": "string"
  },
  "CreatedTimestamp": number,
  "ParentId": "string",
  "RecipientId": "string",
  "Status": "string",
  "Text": "string",
  "ThreadId": "string",
  "Visibility": "string"
}
```

Response Elements

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

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

Comment (p. 13)

The comment that has been created.

Type: [Comment \(p. 121\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

DocumentLockedForCommentsException

This exception is thrown when the document is locked for comments and user tries to create or delete a comment on that document.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

CreateCustomMetadata

Adds one or more custom properties to the specified resource (a folder, document, or version).

Request Syntax

```
PUT /api/v1/resources/ResourceId/customMetadata?versionid=VersionId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "CustomMetadata": {
    "string" : "string"
  }
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 16)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

ResourceId (p. 16)

The ID of the resource.

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

Pattern: [\w+-.@]+

VersionId (p. 16)

The ID of the version, if the custom metadata is being added to a document version.

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

Pattern: [\w+-.@]+

Request Body

The request accepts the following data in JSON format.

CustomMetadata (p. 16)

Custom metadata in the form of name-value pairs.

Type: String to string map

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

Pattern: [a-zA-Z0-9._+/-=][a-zA-Z0-9._+/-=]*

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

CustomMetadataLimitExceededException

The limit has been reached on the number of custom properties for the specified resource.

HTTP Status Code: 429

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

CreateFolder

Creates a folder with the specified name and parent folder.

Request Syntax

```
POST /api/v1/folders HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "Name": "string",
  "ParentFolderId": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 19)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Request Body

The request accepts the following data in JSON format.

Name (p. 19)

The name of the new folder.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\u0020-\u202D\u202F-\uFFFF]+`

Required: No

ParentFolderId (p. 19)

The ID of the parent folder.

Type: String

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

Pattern: `[\w+-.@]+`

Required: Yes

Response Syntax

```
HTTP/1.1 201
```

```
Content-type: application/json
```

```
{  
  "Metadata": {  
    "CreatedTimestamp": number,  
    "CreatorId": "string",  
    "Id": "string",  
    "Labels": [ "string" ],  
    "LatestVersionSize": number,  
    "ModifiedTimestamp": number,  
    "Name": "string",  
    "ParentFolderId": "string",  
    "ResourceState": "string",  
    "Signature": "string",  
    "Size": number  
  }  
}
```

Response Elements

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

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

Metadata (p. 19)

The metadata of the folder.

Type: [FolderMetadata \(p. 130\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

LimitExceededException

The maximum of 100,000 folders under the parent folder has been exceeded.

HTTP Status Code: 409

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

CreateLabels

Adds the specified list of labels to the given resource (a document or folder)

Request Syntax

```
PUT /api/v1/resources/ResourceId/labels HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "Labels": [ "string" ]
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 22)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

ResourceId (p. 22)

The ID of the resource.

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

Pattern: [\w+-.@]+

Request Body

The request accepts the following data in JSON format.

Labels (p. 22)

List of labels to add to the resource.

Type: Array of strings

Array Members: Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: [a-zA-Z0-9._+/-=][a-zA-Z0-9._+/-=]*

Required: Yes

Response Syntax

```
HTTP/1.1 200
```

Response Elements

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

TooManyLabelsException

The limit has been reached on the number of labels for the specified resource.

HTTP Status Code: 429

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

CreateNotificationSubscription

Configure WorkDocs to use Amazon SNS notifications.

The endpoint receives a confirmation message, and must confirm the subscription. For more information, see [Confirm the Subscription](#) in the *Amazon Simple Notification Service Developer Guide*.

Request Syntax

```
POST /api/v1/organizations/OrganizationId/subscriptions HTTP/1.1
Content-type: application/json

{
  "Endpoint": "string",
  "Protocol": "string",
  "SubscriptionType": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

OrganizationId (p. 25)

The ID of the organization.

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

Pattern: [*&\w+-.@*]+

Request Body

The request accepts the following data in JSON format.

Endpoint (p. 25)

The endpoint to receive the notifications. If the protocol is HTTPS, the endpoint is a URL that begins with "https://".

Type: String

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

Required: Yes

Protocol (p. 25)

The protocol to use. The supported value is https, which delivers JSON-encoded messages using HTTPS POST.

Type: String

Valid Values: `HTTPS`

Required: Yes

SubscriptionType (p. 25)

The notification type.

Type: String

Valid Values: ALL

Required: Yes

Response Syntax

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

{
  "Subscription": {
    "EndPoint": "string",
    "Protocol": "string",
    "SubscriptionId": "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.

Subscription (p. 26)

The subscription.

Type: [Subscription \(p. 145\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

TooManySubscriptionsException

You've reached the limit on the number of subscriptions for the WorkDocs instance.

HTTP Status Code: 429

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

CreateUser

Creates a user in a Simple AD or Microsoft AD directory. The status of a newly created user is "ACTIVE". New users can access Amazon WorkDocs.

Request Syntax

```
POST /api/v1/users HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "EmailAddress": "string",
  "GivenName": "string",
  "OrganizationId": "string",
  "Password": "string",
  "StorageRule": {
    "StorageAllocatedInBytes": number,
    "StorageType": "string"
  },
  "Surname": "string",
  "TimeZoneId": "string",
  "Username": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 28)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Request Body

The request accepts the following data in JSON format.

EmailAddress (p. 28)

The email address of the user.

Type: String

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

Pattern: [a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}

Required: No

GivenName (p. 28)

The given name of the user.

Type: String

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

Required: Yes

OrganizationId (p. 28)

The ID of the organization.

Type: String

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

Pattern: [`&\w+-.`]+

Required: No

Password (p. 28)

The password of the user.

Type: String

Length Constraints: Minimum length of 4. Maximum length of 32.

Pattern: [`\u0020-\u00FF`]+

Required: Yes

StorageRule (p. 28)

The amount of storage for the user.

Type: [StorageRuleType \(p. 144\)](#) object

Required: No

Surname (p. 28)

The surname of the user.

Type: String

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

Required: Yes

TimeZoneId (p. 28)

The time zone ID of the user.

Type: String

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

Required: No

Username (p. 28)

The login name of the user.

Type: String

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

Pattern: [`\w\--.`]+(`@`[`a-zA-Z0-9.\-]`+`\.`[`a-zA-Z`]+)?

Required: Yes

Response Syntax

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

{
  "User": {
    "CreatedTimestamp": number,
    "EmailAddress": "string",
    "GivenName": "string",
    "Id": "string",
    "Locale": "string",
    "ModifiedTimestamp": number,
    "OrganizationId": "string",
    "RecycleBinFolderId": "string",
    "RootFolderId": "string",
    "Status": "string",
    "Storage": {
      "StorageRule": {
        "StorageAllocatedInBytes": number,
        "StorageType": "string"
      },
      "StorageUtilizedInBytes": number
    },
    "Surname": "string",
    "TimeZoneId": "string",
    "Type": "string",
    "Username": "string"
  }
}
```

Response Elements

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

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

User (p. 30)

The user information.

Type: [User \(p. 147\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeactivateUser

Deactivates the specified user, which revokes the user's access to Amazon WorkDocs.

Request Syntax

```
DELETE /api/v1/users/UserId/activation HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 32)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

UserId (p. 32)

The ID of the user.

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

Pattern: [*&\w+-.@*]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteComment

Deletes the specified comment from the document version.

Request Syntax

```
DELETE /api/v1/documents/DocumentId/versions/VersionId/comment/CommentId HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 34)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

CommentId (p. 34)

The ID of the comment.

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

Pattern: [\w+-.@]+

DocumentId (p. 34)

The ID of the document.

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

Pattern: [\w+-.@]+

VersionId (p. 34)

The ID of the document version.

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

Pattern: [\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

DocumentLockedForCommentsException

This exception is thrown when the document is locked for comments and user tries to create or delete a comment on that document.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

- [AWS SDK for Ruby V2](#)

DeleteCustomMetadata

Deletes custom metadata from the specified resource.

Request Syntax

```
DELETE /api/v1/resources/ResourceId/customMetadata?  
deleteAll=DeleteAll&keys=Keys&versionId=VersionId HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 37)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DeleteAll (p. 37)

Flag to indicate removal of all custom metadata properties from the specified resource.

Keys (p. 37)

List of properties to remove.

Array Members: Maximum number of 8 items.

Length Constraints: Minimum length of 1. Maximum length of 56.

Pattern: [a-zA-Z0-9._+/=][a-zA-Z0-9._+/=]*

ResourceId (p. 37)

The ID of the resource, either a document or folder.

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

Pattern: [\w+-.@]+

VersionId (p. 37)

The ID of the version, if the custom metadata is being deleted from a document version.

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

Pattern: [\w+-.@]+

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 \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteDocument

Permanently deletes the specified document and its associated metadata.

Request Syntax

```
DELETE /api/v1/documents/DocumentId HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 40)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 40)

The ID of the document.

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

Pattern: `[\w+-.@]+`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteFolder

Permanently deletes the specified folder and its contents.

Request Syntax

```
DELETE /api/v1/folders/FolderId HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 42)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

FolderId (p. 42)

The ID of the folder.

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

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

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteFolderContents

Deletes the contents of the specified folder.

Request Syntax

```
DELETE /api/v1/folders/FolderId/contents HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 44)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

FolderId (p. 44)

The ID of the folder.

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

Pattern: [\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteLabels

Deletes the specified list of labels from a resource.

Request Syntax

```
DELETE /api/v1/resources/ResourceId/labels?deleteAll=DeleteAll&labels=Labels HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 46)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DeleteAll (p. 46)

Flag to request removal of all labels from the specified resource.

Labels (p. 46)

List of labels to delete from the resource.

Array Members: Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: [a-zA-Z0-9._+/-][a-zA-Z0-9._+/-]*

ResourceId (p. 46)

The ID of the resource.

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

Pattern: [\w+-.@]+

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 \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteNotificationSubscription

Deletes the specified subscription from the specified organization.

Request Syntax

```
DELETE /api/v1/organizations/OrganizationId/subscriptions/SubscriptionId HTTP/1.1
```

URI Request Parameters

The request requires the following URI parameters.

OrganizationId (p. 48)

The ID of the organization.

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

Pattern: [$\&\backslash w+-.\@$]+

SubscriptionId (p. 48)

The ID of the subscription.

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

Pattern: [$\&\backslash w+-.\@$]+

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 \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DeleteUser

Deletes the specified user from a Simple AD or Microsoft AD directory.

Request Syntax

```
DELETE /api/v1/users/UserId HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 50)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

UserId (p. 50)

The ID of the user.

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

Pattern: [*&\w+-.@*]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeActivities

Describes the user activities in a specified time period.

Request Syntax

```
GET /api/v1/activities?  
endTime=EndTime&limit=Limit&marker=Marker&organizationId=OrganizationId&startTime=StartTime&userId=UserId  
HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 52)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

EndTime (p. 52)

The timestamp that determines the end time of the activities. The response includes the activities performed before the specified timestamp.

Limit (p. 52)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 52)

The marker for the next set of results.

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

Pattern: `[\u0000-\u00FF]+`

OrganizationId (p. 52)

The ID of the organization. This is a mandatory parameter when using administrative API (SigV4) requests.

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

Pattern: `[\w+-.@]+`

StartTime (p. 52)

The timestamp that determines the starting time of the activities. The response includes the activities performed after the specified timestamp.

UserId (p. 52)

The ID of the user who performed the action. The response includes activities pertaining to this user. This is an optional parameter and is only applicable for administrative API (SigV4) requests.

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

Pattern: [&\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Marker": "string",
  "UserActivities": [
    {
      "CommentMetadata": {
        "CommentId": "string",
        "CommentStatus": "string",
        "Contributor": {
          "CreatedTimestamp": number,
          "EmailAddress": "string",
          "GivenName": "string",
          "Id": "string",
          "Locale": "string",
          "ModifiedTimestamp": number,
          "OrganizationId": "string",
          "RecycleBinFolderId": "string",
          "RootFolderId": "string",
          "Status": "string",
          "Storage": {
            "StorageRule": {
              "StorageAllocatedInBytes": number,
              "StorageType": "string"
            },
            "StorageUtilizedInBytes": number
          },
          "Surname": "string",
          "TimeZoneId": "string",
          "Type": "string",
          "Username": "string"
        },
        "CreatedTimestamp": number,
        "RecipientId": "string"
      },
      "Initiator": {
        "EmailAddress": "string",
        "GivenName": "string",
        "Id": "string",
        "Surname": "string",
        "Username": "string"
      },
      "OrganizationId": "string",
      "OriginalParent": {
        "Id": "string",
        "Name": "string",
        "OriginalName": "string",
        "Owner": {
          "EmailAddress": "string",
          "GivenName": "string",
          "Id": "string",
          "Surname": "string",
          "Username": "string"
        }
      }
    }
  ]
}
```

```

    },
    "ParentId": "string",
    "Type": "string",
    "VersionId": "string"
  },
  "Participants": {
    "Groups": [
      {
        "Id": "string",
        "Name": "string"
      }
    ],
    "Users": [
      {
        "EmailAddress": "string",
        "GivenName": "string",
        "Id": "string",
        "Surname": "string",
        "Username": "string"
      }
    ]
  },
  "ResourceMetadata": {
    "Id": "string",
    "Name": "string",
    "OriginalName": "string",
    "Owner": {
      "EmailAddress": "string",
      "GivenName": "string",
      "Id": "string",
      "Surname": "string",
      "Username": "string"
    },
    "ParentId": "string",
    "Type": "string",
    "VersionId": "string"
  },
  "TimeStamp": number,
  "Type": "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.

Marker (p. 53)

The marker for the next set of results.

Type: String

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

Pattern: `[\u0000-\u00FF]+`

UserActivities (p. 53)

The list of activities for the specified user and time period.

Type: Array of [Activity \(p. 119\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeComments

List all the comments for the specified document version.

Request Syntax

```
GET /api/v1/documents/DocumentId/versions/VersionId/comments?limit=Limit&marker=Marker
HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 56)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 56)

The ID of the document.

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

Pattern: `[\w+-.@]+`

Limit (p. 56)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 56)

The marker for the next set of results. This marker was received from a previous call.

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

Pattern: `[\u0000-\u00FF]+`

VersionId (p. 56)

The ID of the document version.

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

Pattern: `[\w+-.@]+`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200
```

Content-type: application/json

```
{
  "Comments": [
    {
      "CommentId": "string",
      "Contributor": {
        "CreatedTimestamp": number,
        "EmailAddress": "string",
        "GivenName": "string",
        "Id": "string",
        "Locale": "string",
        "ModifiedTimestamp": number,
        "OrganizationId": "string",
        "RecycleBinFolderId": "string",
        "RootFolderId": "string",
        "Status": "string",
        "Storage": {
          "StorageRule": {
            "StorageAllocatedInBytes": number,
            "StorageType": "string"
          },
          "StorageUtilizedInBytes": number
        },
        "Surname": "string",
        "TimeZoneId": "string",
        "Type": "string",
        "Username": "string"
      },
      "CreatedTimestamp": number,
      "ParentId": "string",
      "RecipientId": "string",
      "Status": "string",
      "Text": "string",
      "ThreadId": "string",
      "Visibility": "string"
    }
  ],
  "Marker": "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.

Comments (p. 56)

The list of comments for the specified document version.

Type: Array of [Comment \(p. 121\)](#) objects

Marker (p. 56)

The marker for the next set of results. This marker was received from a previous call.

Type: String

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

Pattern: [\u0000-\u00FF]+

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeDocumentVersions

Retrieves the document versions for the specified document.

By default, only active versions are returned.

Request Syntax

```
GET /api/v1/documents/DocumentId/versions?  
fields=Fields&include=Include&limit=Limit&marker=Marker HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 59)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 59)

The ID of the document.

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

Pattern: [\w+-.@]+

Fields (p. 59)

Specify "SOURCE" to include initialized versions and a URL for the source document.

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

Pattern: [\w,]+

Include (p. 59)

A comma-separated list of values. Specify "INITIALIZED" to include incomplete versions.

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

Pattern: [\w,]+

Limit (p. 59)

The maximum number of versions to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 59)

The marker for the next set of results. (You received this marker from a previous call.)

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

{
  "DocumentVersions": [
    {
      "ContentCreatedTimestamp": number,
      "ContentModifiedTimestamp": number,
      "ContentType": "string",
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "ModifiedTimestamp": number,
      "Name": "string",
      "Signature": "string",
      "Size": number,
      "Source": {
        "string": "string"
      },
      "Status": "string",
      "Thumbnail": {
        "string": "string"
      }
    }
  ],
  "Marker": "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.

DocumentVersions (p. 60)

The document versions.

Type: Array of [DocumentVersionMetadata \(p. 127\)](#) objects

Marker (p. 60)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeFolderContents

Describes the contents of the specified folder, including its documents and subfolders.

By default, Amazon WorkDocs returns the first 100 active document and folder metadata items. If there are more results, the response includes a marker that you can use to request the next set of results. You can also request initialized documents.

Request Syntax

```
GET /api/v1/folders/FolderId/contents?  
include=Include&limit=Limit&marker=Marker&order=Order&sort=Sort&type=Type HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 62)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

FolderId (p. 62)

The ID of the folder.

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

Pattern: [*w*+-.@]+

Include (p. 62)

The contents to include. Specify "INITIALIZED" to include initialized documents.

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

Pattern: [*w*,]+

Limit (p. 62)

The maximum number of items to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 62)

The marker for the next set of results. This marker was received from a previous call.

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

Order (p. 62)

The order for the contents of the folder.

Valid Values: ASCENDING | DESCENDING

Sort (p. 62)

The sorting criteria.

Valid Values: DATE | NAME

Type (p. 62)

The type of items.

Valid Values: ALL | DOCUMENT | FOLDER

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Documents": [
    {
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "Labels": [ "string" ],
      "LatestVersionMetadata": {
        "ContentCreatedTimestamp": number,
        "ContentModifiedTimestamp": number,
        "ContentType": "string",
        "CreatedTimestamp": number,
        "CreatorId": "string",
        "Id": "string",
        "ModifiedTimestamp": number,
        "Name": "string",
        "Signature": "string",
        "Size": number,
        "Source": {
          "string" : "string"
        },
        "Status": "string",
        "Thumbnail": {
          "string" : "string"
        }
      },
      "ModifiedTimestamp": number,
      "ParentFolderId": "string",
      "ResourceState": "string"
    }
  ],
  "Folders": [
    {
      "CreatedTimestamp": number,
      "CreatorId": "string",
      "Id": "string",
      "Labels": [ "string" ],
      "LatestVersionSize": number,
      "ModifiedTimestamp": number,
      "Name": "string",
      "ParentFolderId": "string",
      "ResourceState": "string",
      "Signature": "string",
      "Size": number
    }
  ]
}
```



```
  ],  
  "Marker": "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.

Documents (p. 63)

The documents in the specified folder.

Type: Array of [DocumentMetadata \(p. 125\)](#) objects

Folders (p. 63)

The subfolders in the specified folder.

Type: Array of [FolderMetadata \(p. 130\)](#) objects

Marker (p. 63)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeNotificationSubscriptions

Lists the specified notification subscriptions.

Request Syntax

```
GET /api/v1/organizations/OrganizationId/subscriptions?limit=Limit&marker=Marker HTTP/1.1
```

URI Request Parameters

The request requires the following URI parameters.

Limit (p. 66)

The maximum number of items to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 66)

The marker for the next set of results. (You received this marker from a previous call.)

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

OrganizationId (p. 66)

The ID of the organization.

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

Pattern: [*&\w+-.*@]+

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Marker": "string",
  "Subscriptions": [
    {
      "EndPoint": "string",
      "Protocol": "string",
      "SubscriptionId": "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.

Marker (p. 66)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

Subscriptions (p. 66)

The subscriptions.

Type: Array of [Subscription \(p. 145\)](#) objects

Array Members: Maximum number of 256 items.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeResourcePermissions

Describes the permissions of a specified resource.

Request Syntax

```
GET /api/v1/resources/ResourceId/permissions?limit=Limit&marker=Marker HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 68)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Limit (p. 68)

The maximum number of items to return with this call.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 68)

The marker for the next set of results. (You received this marker from a previous call)

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

ResourceId (p. 68)

The ID of the resource.

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

Pattern: `[\w+-.@]+`

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json  
  
{  
  "Marker": "string",  
  "Principals": [  
    {  
      "Id": "string",  
      "Roles": [  
        {  
          "Role": "string",  
          "Type": "string"  
        }  
      ]  
    }  
  ]  
}
```

```
    },  
    ],  
    "Type": "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.

Marker (p. 68)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

Principals (p. 68)

The principals.

Type: Array of [Principal \(p. 136\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeRootFolders

Describes the current user's special folders; the `RootFolder` and the `RecycleBin`. `RootFolder` is the root of user's files and folders and `RecycleBin` is the root of recycled items. This is not a valid action for SigV4 (administrative API) clients.

Request Syntax

```
GET /api/v1/me/root?limit=Limit&marker=Marker HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 71)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Limit (p. 71)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 71)

The marker for the next set of results. (You received this marker from a previous call.)

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  
  
{  
  "Folders": [  
    {  
      "CreatedTimestamp": number,  
      "CreatorId": "string",  
      "Id": "string",  
      "Labels": [ "string" ],  
      "LatestVersionSize": number,  
      "ModifiedTimestamp": number,  
      "Name": "string",  
      "ParentFolderId": "string",  
      "ResourceState": "string",
```



```
    "Signature": "string",  
    "Size": number  
  }  
],  
"Marker": "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.

Folders (p. 71)

The user's special folders.

Type: Array of [FolderMetadata \(p. 130\)](#) objects

Marker (p. 71)

The marker for the next set of results.

Type: String

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

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

DescribeUsers

Describes the specified users. You can describe all users or filter the results (for example, by status or organization).

By default, Amazon WorkDocs returns the first 24 active or pending users. If there are more results, the response includes a marker that you can use to request the next set of results.

Request Syntax

```
GET /api/v1/users?  
fields=Fields&include=Include&limit=Limit&marker=Marker&order=Order&organizationId=OrganizationId&query=Query  
HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 74)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Fields (p. 74)

A comma-separated list of values. Specify "STORAGE_METADATA" to include the user storage quota and utilization information.

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

Pattern: `[\w,]+`

Include (p. 74)

The state of the users. Specify "ALL" to include inactive users.

Valid Values: ALL | ACTIVE_PENDING

Limit (p. 74)

The maximum number of items to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 74)

The marker for the next set of results. (You received this marker from a previous call.)

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

Order (p. 74)

The order for the results.

Valid Values: ASCENDING | DESCENDING

OrganizationId (p. 74)

The ID of the organization.

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

Pattern: [$\&\backslash w+- .@$]+

Query (p. 74)

A query to filter users by user name.

Length Constraints: Minimum length of 1. Maximum length of 512.

Pattern: [$\backslash u0020-\backslash uFFFF$]+

Sort (p. 74)

The sorting criteria.

Valid Values: USER_NAME | FULL_NAME | STORAGE_LIMIT | USER_STATUS | STORAGE_USED

UserIds (p. 74)

The IDs of the users.

Length Constraints: Minimum length of 1. Maximum length of 2000.

Pattern: [$\&\backslash w+- .@,]$ +

Request Body

The request does not have a request body.

Response Syntax

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

{
  "Marker": "string",
  "TotalNumberOfUsers": number,
  "Users": [
    {
      "CreatedTimestamp": number,
      "EmailAddress": "string",
      "GivenName": "string",
      "Id": "string",
      "Locale": "string",
      "ModifiedTimestamp": number,
      "OrganizationId": "string",
      "RecycleBinFolderId": "string",
      "RootFolderId": "string",
      "Status": "string",
      "Storage": {
        "StorageRule": {
          "StorageAllocatedInBytes": number,
          "StorageType": "string"
        },
        "StorageUtilizedInBytes": number
      },
      "Surname": "string",
      "TimeZoneId": "string",
      "Type": "string",
      "Username": "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.

Marker (p. 75)

The marker to use when requesting the next set of results. If there are no additional results, the string is empty.

Type: String

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

TotalNumberOfUsers (p. 75)

The total number of users included in the results.

Type: Long

Users (p. 75)

The users.

Type: Array of [User \(p. 147\)](#) objects

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

GetCurrentUser

Retrieves details of the current user for whom the authentication token was generated. This is not a valid action for SigV4 (administrative API) clients.

Request Syntax

```
GET /api/v1/me HTTP/1.1
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 78)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Request Body

The request does not have a request body.

Response Syntax

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

{
  "User": {
    "CreatedTimestamp": number,
    "EmailAddress": "string",
    "GivenName": "string",
    "Id": "string",
    "Locale": "string",
    "ModifiedTimestamp": number,
    "OrganizationId": "string",
    "RecycleBinFolderId": "string",
    "RootFolderId": "string",
    "Status": "string",
    "Storage": {
      "StorageRule": {
        "StorageAllocatedInBytes": number,
        "StorageType": "string"
      },
      "StorageUtilizedInBytes": number
    },
    "Surname": "string",
    "TimeZoneId": "string",
    "Type": "string",
    "Username": "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.

User (p. 78)

Metadata of the user.

Type: [User \(p. 147\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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](#)
- [AWS SDK for JavaScript](#)
- [AWS SDK for PHP V3](#)

- [AWS SDK for Python](#)
- [AWS SDK for Ruby V2](#)

GetDocument

Retrieves details of a document.

Request Syntax

```
GET /api/v1/documents/DocumentId?includeCustomMetadata=IncludeCustomMetadata HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 81)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 81)

The ID of the document.

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

Pattern: `[\w+-.@]+`

IncludeCustomMetadata (p. 81)

Set this to `TRUE` to include custom metadata in the response.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json  
  
{  
  "CustomMetadata": {  
    "string": "string"  
  },  
  "Metadata": {  
    "CreatedTimestamp": number,  
    "CreatorId": "string",  
    "Id": "string",  
    "Labels": [ "string" ],  
    "LatestVersionMetadata": {  
      "ContentCreatedTimestamp": number,  
      "ContentModifiedTimestamp": number,  
      "ContentType": "string",  
      "CreatedTimestamp": number,  
      "CreatorId": "string",  
      "Id": "string",
```

```
    "ModifiedTimestamp": number,  
    "Name": "string",  
    "Signature": "string",  
    "Size": number,  
    "Source": {  
      "string": "string"  
    },  
    "Status": "string",  
    "Thumbnail": {  
      "string": "string"  
    }  
  },  
  "ModifiedTimestamp": number,  
  "ParentFolderId": "string",  
  "ResourceState": "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.

CustomMetadata (p. 81)

The custom metadata on the document.

Type: String to string map

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

Pattern: [a-zA-Z0-9._+~/=][a-zA-Z0-9._+~/=]*

Metadata (p. 81)

The metadata details of the document.

Type: [DocumentMetadata \(p. 125\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

GetDocumentPath

Retrieves the path information (the hierarchy from the root folder) for the requested document.

By default, Amazon WorkDocs returns a maximum of 100 levels upwards from the requested document and only includes the IDs of the parent folders in the path. You can limit the maximum number of levels. You can also request the names of the parent folders.

Request Syntax

```
GET /api/v1/documents/DocumentId/path?fields=Fields&limit=Limit&marker=Marker HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 84)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 84)

The ID of the document.

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

Pattern: [*&*\w+- .@]+

Fields (p. 84)

A comma-separated list of values. Specify *NAME* to include the names of the parent folders.

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

Pattern: [\w,]+

Limit (p. 84)

The maximum number of levels in the hierarchy to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 84)

This value is not supported.

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

{
  "Path": {
    "Components": [
      {
        "Id": "string",
        "Name": "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.

Path (p. 85)

The path information.

Type: [ResourcePath \(p. 139\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

GetDocumentVersion

Retrieves version metadata for the specified document.

Request Syntax

```
GET /api/v1/documents/DocumentId/versions/VersionId?  
fields=Fields&includeCustomMetadata=IncludeCustomMetadata HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 87)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 87)

The ID of the document.

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

Pattern: `[\w+-.@]+`

Fields (p. 87)

A comma-separated list of values. Specify "SOURCE" to include a URL for the source document.

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

Pattern: `[\w,]+`

IncludeCustomMetadata (p. 87)

Set this to TRUE to include custom metadata in the response.

VersionId (p. 87)

The version ID of the document.

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

Pattern: `[\w+-.@]+`

Request Body

The request does not have a request body.

Response Syntax

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



```
{
  "CustomMetadata": {
    "string" : "string"
  },
  "Metadata": {
    "ContentCreatedTimestamp": number,
    "ContentModifiedTimestamp": number,
    "ContentType": "string",
    "CreatedTimestamp": number,
    "CreatorId": "string",
    "Id": "string",
    "ModifiedTimestamp": number,
    "Name": "string",
    "Signature": "string",
    "Size": number,
    "Source": {
      "string" : "string"
    },
    "Status": "string",
    "Thumbnail": {
      "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.

CustomMetadata (p. 87)

The custom metadata on the document version.

Type: String to string map

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

Pattern: [a-zA-Z0-9._+~/=][a-zA-Z0-9._+~/=]*

Metadata (p. 87)

The version metadata.

Type: [DocumentVersionMetadata \(p. 127\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

GetFolder

Retrieves the metadata of the specified folder.

Request Syntax

```
GET /api/v1/folders/FolderId?includeCustomMetadata=IncludeCustomMetadata HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 90)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

FolderId (p. 90)

The ID of the folder.

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

Pattern: `[\w+-.@]+`

IncludeCustomMetadata (p. 90)

Set to TRUE to include custom metadata in the response.

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 200  
Content-type: application/json  
  
{  
  "CustomMetadata": {  
    "string": "string"  
  },  
  "Metadata": {  
    "CreatedTimestamp": number,  
    "CreatorId": "string",  
    "Id": "string",  
    "Labels": [ "string" ],  
    "LatestVersionSize": number,  
    "ModifiedTimestamp": number,  
    "Name": "string",  
    "ParentFolderId": "string",  
    "ResourceState": "string",  
    "Signature": "string",  
    "Size": 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.

CustomMetadata (p. 90)

The custom metadata on the folder.

Type: String to string map

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

Pattern: [a-zA-Z0-9._+~/=][a-zA-Z0-9._+~/=]*

Metadata (p. 90)

The metadata of the folder.

Type: [FolderMetadata](#) (p. 130) object

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 155).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidArgumentException

The pagination marker or limit fields are not valid.

HTTP Status Code: 400

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

GetFolderPath

Retrieves the path information (the hierarchy from the root folder) for the specified folder.

By default, Amazon WorkDocs returns a maximum of 100 levels upwards from the requested folder and only includes the IDs of the parent folders in the path. You can limit the maximum number of levels. You can also request the parent folder names.

Request Syntax

```
GET /api/v1/folders/FolderId/path?fields=Fields&limit=Limit&marker=Marker HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 93)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Fields (p. 93)

A comma-separated list of values. Specify "NAME" to include the names of the parent folders.

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

Pattern: [*\w,*]+

FolderId (p. 93)

The ID of the folder.

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

Pattern: [*&\w+- .@*]+

Limit (p. 93)

The maximum number of levels in the hierarchy to return.

Valid Range: Minimum value of 1. Maximum value of 999.

Marker (p. 93)

This value is not supported.

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

{
  "Path": {
    "Components": [
      {
        "Id": "string",
        "Name": "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.

Path (p. 94)

The path information.

Type: [ResourcePath \(p. 139\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

InitiateDocumentVersionUpload

Creates a new document object and version object.

The client specifies the parent folder ID and name of the document to upload. The ID is optionally specified when creating a new version of an existing document. This is the first step to upload a document. Next, upload the document to the URL returned from the call, and then call [UpdateDocumentVersion](#) (p. 108).

To cancel the document upload, call [AbortDocumentVersionUpload](#) (p. 4).

Request Syntax

```
POST /api/v1/documents HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "ContentCreatedTimestamp": number,
  "ContentModifiedTimestamp": number,
  "ContentType": "string",
  "DocumentSizeInBytes": number,
  "Id": "string",
  "Name": "string",
  "ParentFolderId": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 96)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

Request Body

The request accepts the following data in JSON format.

ContentCreatedTimestamp (p. 96)

The timestamp when the content of the document was originally created.

Type: Timestamp

Required: No

ContentModifiedTimestamp (p. 96)

The timestamp when the content of the document was modified.

Type: Timestamp

Required: No

ContentType (p. 96)

The content type of the document.

Type: String

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

Required: No

DocumentSizeInBytes (p. 96)

The size of the document, in bytes.

Type: Long

Required: No

Id (p. 96)

The ID of the document.

Type: String

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

Pattern: [\w+-.@]+

Required: No

Name (p. 96)

The name of the document.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

ParentFolderId (p. 96)

The ID of the parent folder.

Type: String

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

Pattern: [\w+-.@]+

Required: Yes

Response Syntax

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

{
  "Metadata": {
    "CreatedTimestamp": number,
    "CreatorId": "string",
```

```
"Id": "string",
"Labels": [ "string" ],
"LatestVersionMetadata": {
  "ContentCreatedTimestamp": number,
  "ContentModifiedTimestamp": number,
  "ContentType": "string",
  "CreatedTimestamp": number,
  "CreatorId": "string",
  "Id": "string",
  "ModifiedTimestamp": number,
  "Name": "string",
  "Signature": "string",
  "Size": number,
  "Source": {
    "string" : "string"
  },
  "Status": "string",
  "Thumbnail": {
    "string" : "string"
  }
},
"ModifiedTimestamp": number,
"ParentFolderId": "string",
"ResourceState": "string"
},
"UploadMetadata": {
  "SignedHeaders": {
    "string" : "string"
  },
  "UploadUrl": "string"
}
}
```

Response Elements

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

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

Metadata (p. 97)

The document metadata.

Type: [DocumentMetadata \(p. 125\)](#) object

UploadMetadata (p. 97)

The upload metadata.

Type: [UploadMetadata \(p. 146\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

DraftUploadOutOfSyncException

This exception is thrown when a valid checkout ID is not presented on document version upload calls for a document that has been checked out from Web client.

HTTP Status Code: 409

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ResourceAlreadyCheckedOutException

The resource is already checked out.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

StorageLimitExceededException

The storage limit has been exceeded.

HTTP Status Code: 409

StorageLimitWillExceedException

The storage limit will be exceeded.

HTTP Status Code: 413

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

RemoveAllResourcePermissions

Removes all the permissions from the specified resource.

Request Syntax

```
DELETE /api/v1/resources/ResourceId/permissions HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 101)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

ResourceId (p. 101)

The ID of the resource.

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

Pattern: [\w+-.@]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors](#) (p. 155).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

RemoveResourcePermission

Removes the permission for the specified principal from the specified resource.

Request Syntax

```
DELETE /api/v1/resources/ResourceId/permissions/PrincipalId?type=PrincipalType HTTP/1.1  
Authentication: AuthenticationToken
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 103)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

PrincipalId (p. 103)

The principal ID of the resource.

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

Pattern: [*&\w+- .@*]+

PrincipalType (p. 103)

The principal type of the resource.

Valid Values: *USER* | *GROUP* | *INVITE* | *ANONYMOUS* | *ORGANIZATION*

ResourceId (p. 103)

The ID of the resource.

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

Pattern: [*\w+- .@*]+

Request Body

The request does not have a request body.

Response Syntax

```
HTTP/1.1 204
```

Response Elements

If the action is successful, the service sends back an HTTP 204 response with an empty HTTP body.

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

UpdateDocument

Updates the specified attributes of a document. The user must have access to both the document and its parent folder, if applicable.

Request Syntax

```
PATCH /api/v1/documents/DocumentId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "Name": "string",
  "ParentFolderId": "string",
  "ResourceState": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 105)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 105)

The ID of the document.

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

Pattern: `[\w+-.@]+`

Request Body

The request accepts the following data in JSON format.

Name (p. 105)

The name of the document.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\u0020-\u202D\u202F-\uFFFF]+`

Required: No

ParentFolderId (p. 105)

The ID of the parent folder.

Type: String

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

Pattern: `[\w+-.@]+`

Required: No

ResourceState (p. 105)

The resource state of the document. Only ACTIVE and RECYCLED are supported.

Type: String

Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED

Required: No

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](#) (p. 155).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

LimitExceededException

The maximum of 100,000 folders under the parent folder has been exceeded.

HTTP Status Code: 409

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

UpdateDocumentVersion

Changes the status of the document version to ACTIVE.

Amazon WorkDocs also sets its document container to ACTIVE. This is the last step in a document upload, after the client uploads the document to an S3-presigned URL returned by [InitiateDocumentVersionUpload](#) (p. 96).

Request Syntax

```
PATCH /api/v1/documents/DocumentId/versions/VersionId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "VersionStatus": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 108)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

DocumentId (p. 108)

The ID of the document.

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

Pattern: `[\w+-.@]+`

VersionId (p. 108)

The version ID of the document.

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

Pattern: `[\w+-.@]+`

Request Body

The request accepts the following data in JSON format.

VersionStatus (p. 108)

The status of the version.

Type: String

Valid Values: ACTIVE

Required: No

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 \(p. 155\)](#).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

InvalidOperationException

The operation is invalid.

HTTP Status Code: 405

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

UpdateFolder

Updates the specified attributes of the specified folder. The user must have access to both the folder and its parent folder, if applicable.

Request Syntax

```
PATCH /api/v1/folders/FolderId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "Name": "string",
  "ParentFolderId": "string",
  "ResourceState": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 111)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

FolderId (p. 111)

The ID of the folder.

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

Pattern: `[\w+-.@]+`

Request Body

The request accepts the following data in JSON format.

Name (p. 111)

The name of the folder.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: `[\u0020-\u202D\u202F-\uFFFF]+`

Required: No

ParentFolderId (p. 111)

The ID of the parent folder.

Type: String

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

Pattern: `[\w+-.@]+`

Required: No

ResourceState (p. 111)

The resource state of the folder. Only ACTIVE and RECYCLED are accepted values from the API.

Type: String

Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED

Required: No

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](#) (p. 155).

ConcurrentModificationException

The resource hierarchy is changing.

HTTP Status Code: 409

EntityAlreadyExistsException

The resource already exists.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

LimitExceededException

The maximum of 100,000 folders under the parent folder has been exceeded.

HTTP Status Code: 409

ProhibitedStateException

The specified document version is not in the INITIALIZED state.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

UpdateUser

Updates the specified attributes of the specified user, and grants or revokes administrative privileges to the Amazon WorkDocs site.

Request Syntax

```
PATCH /api/v1/users/UserId HTTP/1.1
Authentication: AuthenticationToken
Content-type: application/json

{
  "GivenName": "string",
  "Locale": "string",
  "StorageRule": {
    "StorageAllocatedInBytes": number,
    "StorageType": "string"
  },
  "Surname": "string",
  "TimeZoneId": "string",
  "Type": "string"
}
```

URI Request Parameters

The request requires the following URI parameters.

AuthenticationToken (p. 114)

Amazon WorkDocs authentication token. Do not set this field when using administrative API actions, as in accessing the API using AWS credentials.

Length Constraints: Minimum length of 1. Maximum length of 8199.

UserId (p. 114)

The ID of the user.

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

Pattern: [*&\w+- .@*]+

Request Body

The request accepts the following data in JSON format.

GivenName (p. 114)

The given name of the user.

Type: String

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

Required: No

Locale (p. 114)

The locale of the user.

Type: String

Valid Values: `en` | `fr` | `ko` | `de` | `es` | `ja` | `ru` | `zh_CN` | `zh_TW` | `pt_BR` | `default`

Required: No

StorageRule (p. 114)

The amount of storage for the user.

Type: [StorageRuleType \(p. 144\)](#) object

Required: No

Surname (p. 114)

The surname of the user.

Type: String

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

Required: No

TimeZoneId (p. 114)

The time zone ID of the user.

Type: String

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

Required: No

Type (p. 114)

The type of the user.

Type: String

Valid Values: `USER` | `ADMIN`

Required: No

Response Syntax

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

{
  "User": {
    "CreatedTimestamp": number,
    "EmailAddress": "string",
    "GivenName": "string",
    "Id": "string",
    "Locale": "string",
    "ModifiedTimestamp": number,
    "OrganizationId": "string",
    "RecycleBinFolderId": "string",
    "RootFolderId": "string",
    "Status": "string",
    "Storage": {
      "StorageRule": {
        "StorageAllocatedInBytes": number,
```

```
        "StorageType": "string"  
    },  
    "StorageUtilizedInBytes": number  
  },  
  "Surname": "string",  
  "TimeZoneId": "string",  
  "Type": "string",  
  "Username": "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.

User (p. 115)

The user information.

Type: [User \(p. 147\)](#) object

Errors

For information about the errors that are common to all actions, see [Common Errors \(p. 155\)](#).

DeactivatingLastSystemUserException

The last user in the organization is being deactivated.

HTTP Status Code: 409

EntityNotExistsException

The resource does not exist.

HTTP Status Code: 404

FailedDependencyException

The AWS Directory Service cannot reach an on-premises instance. Or a dependency under the control of the organization is failing, such as a connected Active Directory.

HTTP Status Code: 424

IllegalUserStateException

The user is undergoing transfer of ownership.

HTTP Status Code: 409

ServiceUnavailableException

One or more of the dependencies is unavailable.

HTTP Status Code: 503

UnauthorizedOperationException

The operation is not permitted.

HTTP Status Code: 403

UnauthorizedResourceAccessException

The caller does not have access to perform the action on the resource.

HTTP Status Code: 404

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

Data Types

The Amazon WorkDocs 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:

- [Activity](#) (p. 119)
- [Comment](#) (p. 121)
- [CommentMetadata](#) (p. 123)
- [DocumentMetadata](#) (p. 125)
- [DocumentVersionMetadata](#) (p. 127)
- [FolderMetadata](#) (p. 130)
- [GroupMetadata](#) (p. 133)
- [Participants](#) (p. 134)
- [PermissionInfo](#) (p. 135)
- [Principal](#) (p. 136)
- [ResourceMetadata](#) (p. 137)
- [ResourcePath](#) (p. 139)
- [ResourcePathComponent](#) (p. 140)
- [SharePrincipal](#) (p. 141)
- [ShareResult](#) (p. 142)
- [StorageRuleType](#) (p. 144)
- [Subscription](#) (p. 145)
- [UploadMetadata](#) (p. 146)
- [User](#) (p. 147)
- [UserMetadata](#) (p. 150)
- [UserStorageMetadata](#) (p. 152)

Activity

Describes the activity information.

Contents

CommentMetadata

Metadata of the commenting activity. This is an optional field and is filled for commenting activities.

Type: [CommentMetadata \(p. 123\)](#) object

Required: No

Initiator

The user who performed the action.

Type: [UserMetadata \(p. 150\)](#) object

Required: No

OrganizationId

The ID of the organization.

Type: String

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

Pattern: [[&\w+-.@](#)]+

Required: No

OriginalParent

The original parent of the resource. This is an optional field and is filled for move activities.

Type: [ResourceMetadata \(p. 137\)](#) object

Required: No

Participants

The list of users or groups impacted by this action. This is an optional field and is filled for the following sharing activities: DOCUMENT_SHARED, DOCUMENT_SHARED, DOCUMENT_UNSHARED, FOLDER_SHARED, FOLDER_UNSHARED.

Type: [Participants \(p. 134\)](#) object

Required: No

ResourceMetadata

The metadata of the resource involved in the user action.

Type: [ResourceMetadata \(p. 137\)](#) object

Required: No

TimeStamp

The timestamp when the action was performed.

Type: Timestamp

Required: No

Type

The activity type.

Type: String

Valid Values: DOCUMENT_CHECKED_IN | DOCUMENT_CHECKED_OUT | DOCUMENT_RENAMED | DOCUMENT_VERSION_UPLOADED | DOCUMENT_VERSION_DELETED | DOCUMENT_RECYCLED | DOCUMENT_RESTORED | DOCUMENT_REVERTED | DOCUMENT_SHARED | DOCUMENT_UNSHARED | DOCUMENT_SHARE_PERMISSION_CHANGED | DOCUMENT_SHAREABLE_LINK_CREATED | DOCUMENT_SHAREABLE_LINK_REMOVED | DOCUMENT_SHAREABLE_LINK_PERMISSION_CHANGED | DOCUMENT_MOVED | DOCUMENT_COMMENT_ADDED | DOCUMENT_COMMENT_DELETED | DOCUMENT_ANNOTATION_ADDED | DOCUMENT_ANNOTATION_DELETED | FOLDER_CREATED | FOLDER_DELETED | FOLDER_RENAMED | FOLDER_RECYCLED | FOLDER_RESTORED | FOLDER_SHARED | FOLDER_UNSHARED | FOLDER_SHARE_PERMISSION_CHANGED | FOLDER_SHAREABLE_LINK_CREATED | FOLDER_SHAREABLE_LINK_REMOVED | FOLDER_SHAREABLE_LINK_PERMISSION_CHANGED | FOLDER_MOVED

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](#)
- [AWS SDK for Ruby V2](#)

Comment

Describes a comment.

Contents

CommentId

The ID of the comment.

Type: String

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

Pattern: [\w+-.@]+

Required: Yes

Contributor

The details of the user who made the comment.

Type: [User \(p. 147\)](#) object

Required: No

CreatedTimestamp

The time that the comment was created.

Type: Timestamp

Required: No

ParentId

The ID of the parent comment.

Type: String

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

Pattern: [\w+-.@]+

Required: No

RecipientId

If the comment is a reply to another user's comment, this field contains the user ID of the user being replied to.

Type: String

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

Pattern: [&\w+-.@]+

Required: No

Status

The status of the comment.

Type: String

Valid Values: `DRAFT` | `PUBLISHED` | `DELETED`

Required: No

Text

The text of the comment.

Type: String

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

Required: No

ThreadId

The ID of the root comment in the thread.

Type: String

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

Pattern: `[\w+-.@]+`

Required: No

Visibility

The visibility of the comment. Options are either `PRIVATE`, where the comment is visible only to the comment author and document owner and co-owners, or `PUBLIC`, where the comment is visible to document owners, co-owners, and contributors.

Type: String

Valid Values: `PUBLIC` | `PRIVATE`

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](#)
- [AWS SDK for Ruby V2](#)

CommentMetadata

Describes the metadata of a comment.

Contents

CommentId

The ID of the comment.

Type: String

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

Pattern: `[\w+-.@]+`

Required: No

CommentStatus

The status of the comment.

Type: String

Valid Values: `DRAFT` | `PUBLISHED` | `DELETED`

Required: No

Contributor

The user who made the comment.

Type: [User \(p. 147\)](#) object

Required: No

CreatedTimestamp

The timestamp that the comment was created.

Type: Timestamp

Required: No

RecipientId

The ID of the user being replied to.

Type: String

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

Pattern: `[&\w+-.@]+`

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](#)
- [AWS SDK for Ruby V2](#)

DocumentMetadata

Describes the document.

Contents

CreatedTimestamp

The time when the document was created.

Type: Timestamp

Required: No

CreatorId

The ID of the creator.

Type: String

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

Pattern: [`&\w+-.@`]+

Required: No

Id

The ID of the document.

Type: String

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

Pattern: [`\w+-.@`]+

Required: No

Labels

List of labels on the document.

Type: Array of strings

Array Members: Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: [`a-zA-Z0-9._+ /=`][`a-zA-Z0-9 . _ + /=`]*

Required: No

LatestVersionMetadata

The latest version of the document.

Type: [DocumentVersionMetadata](#) (p. 127) object

Required: No

ModifiedTimestamp

The time when the document was updated.

Type: Timestamp

Required: No

ParentFolderId

The ID of the parent folder.

Type: String

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

Pattern: [\w+-.@]+

Required: No

ResourceState

The resource state.

Type: String

Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED

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](#)
- [AWS SDK for Ruby V2](#)

DocumentVersionMetadata

Describes a version of a document.

Contents

ContentCreatedTimestamp

The timestamp when the content of the document was originally created.

Type: Timestamp

Required: No

ContentModifiedTimestamp

The timestamp when the content of the document was modified.

Type: Timestamp

Required: No

ContentType

The content type of the document.

Type: String

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

Required: No

CreatedTimestamp

The timestamp when the document was first uploaded.

Type: Timestamp

Required: No

CreatorId

The ID of the creator.

Type: String

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

Pattern: [`&\w+- .@`]+

Required: No

Id

The ID of the version.

Type: String

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

Pattern: [`\w+- .@`]+

Required: No

ModifiedTimestamp

The timestamp when the document was last uploaded.

Type: Timestamp

Required: No

Name

The name of the version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

Signature

The signature of the document.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Pattern: [&\w+-.@]+

Required: No

Size

The size of the document, in bytes.

Type: Long

Required: No

Source

The source of the document.

Type: String to string map

Valid Map Keys: ORIGINAL | WITH_COMMENTS

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

Required: No

Status

The status of the document.

Type: String

Valid Values: INITIALIZED | ACTIVE

Required: No

Thumbnail

The thumbnail of the document.

Type: String to string map

Valid Map Keys: `SMALL` | `SMALL_HQ` | `LARGE`

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

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](#)
- [AWS SDK for Ruby V2](#)

FolderMetadata

Describes a folder.

Contents

CreatedTimestamp

The time when the folder was created.

Type: Timestamp

Required: No

CreatorId

The ID of the creator.

Type: String

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

Pattern: [`&\w+- .@`]+

Required: No

Id

The ID of the folder.

Type: String

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

Pattern: [`\w+- .@`]+

Required: No

Labels

List of labels on the folder.

Type: Array of strings

Array Members: Maximum number of 20 items.

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: [`a-zA-Z0-9._+ /=`][`a-zA-Z0-9 . _ + /=`]*

Required: No

LatestVersionSize

The size of the latest version of the folder metadata.

Type: Long

Required: No

ModifiedTimestamp

The time when the folder was updated.

Type: Timestamp

Required: No

Name

The name of the folder.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

ParentFolderId

The ID of the parent folder.

Type: String

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

Pattern: [\w+-.@]+

Required: No

ResourceState

The resource state of the folder.

Type: String

Valid Values: ACTIVE | RESTORING | RECYCLING | RECYCLED

Required: No

Signature

The unique identifier created from the subfolders and documents of the folder.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 128.

Pattern: [&\w+-.@]+

Required: No

Size

The size of the folder metadata.

Type: Long

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](#)
- [AWS SDK for Ruby V2](#)

GroupMetadata

Describes the metadata of a user group.

Contents

Id

The ID of the user group.

Type: String

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

Pattern: [`&\w+-.@`]+

Required: No

Name

The name of the group.

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](#)
- [AWS SDK for Ruby V2](#)

Participants

Describes the users or user groups.

Contents

Groups

The list of user groups.

Type: Array of [GroupMetadata \(p. 133\)](#) objects

Required: No

Users

The list of users.

Type: Array of [UserMetadata \(p. 150\)](#) objects

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](#)
- [AWS SDK for Ruby V2](#)

PermissionInfo

Describes the permissions.

Contents

Role

The role of the user.

Type: String

Valid Values: VIEWER | CONTRIBUTOR | OWNER | COOWNER

Required: No

Type

The type of permissions.

Type: String

Valid Values: DIRECT | INHERITED

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](#)
- [AWS SDK for Ruby V2](#)

Principal

Describes a resource.

Contents

Id

The ID of the resource.

Type: String

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

Pattern: [`&\w+-.@`]+

Required: No

Roles

The permission information for the resource.

Type: Array of [PermissionInfo](#) (p. 135) objects

Required: No

Type

The type of resource.

Type: String

Valid Values: `USER` | `GROUP` | `INVITE` | `ANONYMOUS` | `ORGANIZATION`

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](#)
- [AWS SDK for Ruby V2](#)

ResourceMetadata

Describes the metadata of a resource.

Contents

Id

The ID of the resource.

Type: String

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

Pattern: [\w+-.@]+

Required: No

Name

The name of the resource.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

OriginalName

The original name of the resource before a rename operation.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [\u0020-\u202D\u202F-\uFFFF]+

Required: No

Owner

The owner of the resource.

Type: [UserMetadata \(p. 150\)](#) object

Required: No

ParentId

The parent ID of the resource before a rename operation.

Type: String

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

Pattern: [\w+-.@]+

Required: No

Type

The type of resource.

Type: String

Valid Values: `FOLDER` | `DOCUMENT`

Required: No

VersionId

The version ID of the resource. This is an optional field and is filled for action on document version.

Type: String

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

Pattern: `[\w+-.@]+`

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](#)
- [AWS SDK for Ruby V2](#)

ResourcePath

Describes the path information of a resource.

Contents

Components

The components of the resource path.

Type: Array of [ResourcePathComponent](#) (p. 140) objects

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](#)
- [AWS SDK for Ruby V2](#)

ResourcePathComponent

Describes the resource path.

Contents

Id

The ID of the resource path.

Type: String

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

Pattern: [`&\w+-.@`]+

Required: No

Name

The name of the resource path.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 255.

Pattern: [`\u0020-\u202D\u202F-\uFFFF`]+

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](#)
- [AWS SDK for Ruby V2](#)

SharePrincipal

Describes the recipient type and ID, if available.

Contents

Id

The ID of the recipient.

Type: String

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

Pattern: [`&\w+-.@`]+

Required: Yes

Role

The role of the recipient.

Type: String

Valid Values: `VIEWER` | `CONTRIBUTOR` | `OWNER` | `COOWNER`

Required: Yes

Type

The type of the recipient.

Type: String

Valid Values: `USER` | `GROUP` | `INVITE` | `ANONYMOUS` | `ORGANIZATION`

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](#)
- [AWS SDK for Ruby V2](#)

ShareResult

Describes the share results of a resource.

Contents

PrincipalId

The ID of the principal.

Type: String

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

Pattern: [`&\w+-.`]+

Required: No

Role

The role.

Type: String

Valid Values: `VIEWER` | `CONTRIBUTOR` | `OWNER` | `COOWNER`

Required: No

ShareId

The ID of the resource that was shared.

Type: String

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

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

Required: No

Status

The status.

Type: String

Valid Values: `SUCCESS` | `FAILURE`

Required: No

StatusMessage

The status message.

Type: String

Length Constraints: Minimum length of 0. Maximum length of 2048.

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](#)
- [AWS SDK for Ruby V2](#)

StorageRuleType

Describes the storage for a user.

Contents

StorageAllocatedInBytes

The amount of storage allocated, in bytes.

Type: Long

Valid Range: Minimum value of 0.

Required: No

StorageType

The type of storage.

Type: String

Valid Values: `UNLIMITED` | `QUOTA`

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](#)
- [AWS SDK for Ruby V2](#)

Subscription

Describes a subscription.

Contents

EndPoint

The endpoint of the subscription.

Type: String

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

Required: No

Protocol

The protocol of the subscription.

Type: String

Valid Values: `HTTPS`

Required: No

SubscriptionId

The ID of the subscription.

Type: String

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

Pattern: `[\w+-.@]+`

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](#)
- [AWS SDK for Ruby V2](#)

UploadMetadata

Describes the upload.

Contents

SignedHeaders

The signed headers.

Type: String to string map

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

Required: No

UploadUrl

The URL of the upload.

Type: String

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

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](#)
- [AWS SDK for Ruby V2](#)

User

Describes a user.

Contents

CreatedTimestamp

The time when the user was created.

Type: Timestamp

Required: No

EmailAddress

The email address of the user.

Type: String

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

Pattern: `[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}`

Required: No

GivenName

The given name of the user.

Type: String

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

Required: No

Id

The ID of the user.

Type: String

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

Pattern: `[\w+-.@]+`

Required: No

Locale

The locale of the user.

Type: String

Valid Values: `en | fr | ko | de | es | ja | ru | zh_CN | zh_TW | pt_BR | default`

Required: No

ModifiedTimestamp

The time when the user was modified.

Type: Timestamp

Required: No

OrganizationId

The ID of the organization.

Type: String

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

Pattern: [`&\w+- .@`]+

Required: No

RecycleBinFolderId

The ID of the recycle bin folder.

Type: String

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

Pattern: [`\w+- .@`]+

Required: No

RootFolderId

The ID of the root folder.

Type: String

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

Pattern: [`\w+- .@`]+

Required: No

Status

The status of the user.

Type: String

Valid Values: `ACTIVE` | `INACTIVE` | `PENDING`

Required: No

Storage

The storage for the user.

Type: [UserStorageMetadata](#) (p. 152) object

Required: No

Surname

The surname of the user.

Type: String

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

Required: No

TimeZoneId

The time zone ID of the user.

Type: String

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

Required: No

Type

The type of user.

Type: String

Valid Values: `USER` | `ADMIN`

Required: No

Username

The login name of the user.

Type: String

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

Pattern: `[\w\-\+\.\]+(\@[a-zA-Z0-9.\-]+\.[a-zA-Z]+)?`

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](#)
- [AWS SDK for Ruby V2](#)

UserMetadata

Describes the metadata of the user.

Contents

EmailAddress

The email address of the user.

Type: String

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

Pattern: `[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}`

Required: No

GivenName

The given name of the user before a rename operation.

Type: String

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

Required: No

Id

The ID of the user.

Type: String

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

Pattern: `[&\w+-.@]+`

Required: No

Surname

The surname of the user.

Type: String

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

Required: No

Username

The name of the user.

Type: String

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

Pattern: `[\w\-.]+(@[a-zA-Z0-9.\-]+\.[a-zA-Z]+)?`

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](#)
- [AWS SDK for Ruby V2](#)

UserStorageMetadata

Describes the storage for a user.

Contents

StorageRule

The storage for a user.

Type: [StorageRuleType](#) (p. 144) object

Required: No

StorageUtilizedInBytes

The amount of storage used, in bytes.

Type: Long

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](#)
- [AWS SDK for Ruby V2](#)

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'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 [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

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