



vserver object-store-server commands

ONTAP 9.7 commands

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vserver object-store-server commands

vserver object-store-server create

Create an object store server

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server create` command creates an object store server.

Parameters

-vserver <vserver name> - Vserver

This parameter specifies the name of the Vserver on which to create the object store server. The Vserver must already exist.

-object-store-server <Object store server name> - Object Store Server Name

This parameter specifies the name of the object store server.

-status-admin {down|up} - Object Store Server Administrative State

Use this parameter to specify whether the initial administrative status of the object store server is up or down. The default setting is *up*.

[-listener-port <integer>] - Object Store Server Listener Port

Use this parameter to specify the listener port for the object store server. The default port is *80*.

[-comment <text>] - Object Store Server Description

This optional parameter specifies a text comment for the object store server.

Examples

The following example creates an object store server OSS1 for Vserver vs1.

```
cluster1::> vserver object-store-server create -vserver vs1 -object-store
-server OSS1
```

vserver object-store-server delete

Delete an object store server

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server delete` command deletes an object store server.

Parameters

-vserver <vserver name> - Vserver

This parameter specifies the name of the Vserver for the object store server you want to delete.

Examples

The following example deletes an object store server for Vserver vs1.

```
cluster1::> vserver object-store-server delete -vserver vs1
```

vserver object-store-server modify

Modify an object store server

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server modify` command modifies an object store server.

Parameters

-vserver <vserver name> - Vserver

This parameter specifies the name of the Vserver for the object store server which you want to modify.

[-object-store-server <Object store server name>] - Object Store Server Name

This parameter specifies the name of the object store server.

[-status-admin {down|up}] - Object Store Server Administrative State

This parameter specifies the administrative status of the object store server.

[-listener-port <integer>] - Object Store Server Listener Port

This parameter specifies the listener port for the object store server.

[-comment <text>] - Object Store Server Description

This parameter specifies the text comment for the object store server.

Examples

The following example modifies the name of the object store server for Vserver vs1.

```
cluster1::> vserver object-store-server modify -vserver vs1 -object-store  
-server OSS2
```

vserver object-store-server show

Display object store servers

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server show` command displays information about the object store server.

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>`, ... parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-vserver <vserver name>] - Vserver

If you specify this parameter, the command displays information only about the object store servers for the specified Vserver

[-object-store-server <Object store server name>] - Object Store Server Name

If you specify this parameter, the command displays information only for object store servers that match the specified object store server name.

[-status-admin {down|up}] - Object Store Server Administrative State

If you specify this parameter, the command displays information only for object store servers that match the specified administrative status.

[-listener-port <integer>] - Object Store Server Listener Port

If you specify this parameter, the command displays information only for object store servers that match the specified listener port.

[-comment <text>] - Object Store Server Description

If you specify this parameter, the command displays information only for object store servers that match the specified comment field.

Examples

The following example displays information of all object store servers:

```

cluster1::> vserver object-store-server show
Vserver      Server Name      Status      Listener
-----
vs1          OSS1             up          80
  Comment: test
vs2          OSS2             up          80
  Comment: test
2 entries were displayed.

```

The following example displays information about the object store server associated with Vserver vs1:

```

cluster1::> vserver object-store-server show -vserver vs1
Vserver: vs1
Object Store Server Name: OSS1
Object Store Server Administrative State: up
Object Store Server Listener Port: 80
Object Store Server Description: test

```

vserver object-store-server bucket create

Create an object store server bucket

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server bucket create` command creates a bucket for the object store server.

Parameters

-vserver <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver for the object store server where the bucket needs to be created. The object store server must already exist.

-bucket <TextNoCase> - Object Store Server Bucket Name

This parameter specifies the name of the object store server bucket.

[-comment <text>] - Object Store Server Bucket Description

This optional parameter specifies a text comment for the object store server bucket.

[-aggr-list <aggregate name>,...] - List of Aggregates for FlexGroup Constituents

Use this parameter to specify the list of aggregates for the flexgroup constituents on which the bucket needs to be created.

[`-aggr-list-multiplier` <integer>] - Aggregate List Repeat Count

Use this parameter to specify the number of flexgroup constituents to be created.

[`-size` {<integer>[KB|MB|GB|TB|PB]}] - Size of the Bucket

Use this parameter to specify the size of the flexgroup volume to be created.

Examples

The following example creates an object store server bucket for Vserver vs1 of size 1TB.

```
cluster1::> vsserver object-store-server bucket create -vsserver vs1 -bucket
testbucket -aggr-list aggr1 -size 1TB
```

vserver object-store-server bucket delete

Delete an object store bucket

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vsserver object-store-server bucket delete` command deletes the bucket belonging to the object store server.

Parameters

`-vsserver` <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver for the object store server's bucket you want to delete.

`-bucket` <TextNoCase> - Object Store Server Bucket Name

This parameter specifies the name of the bucket of the object store server you want to delete.

Examples

The following example deletes an object store server bucket for Vserver vs1.

```
cluster1::> vsserver object-store-server delete -vsserver vs1 -bucket
testbucket
```

vserver object-store-server bucket modify

Modify an object store server bucket

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server bucket modify` command modifies an object store server bucket.

Parameters

-vserver <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver for the object store server which you want to modify.

-bucket <TextNoCase> - Object Store Server Bucket Name

This parameter specifies the name of the object store server bucket which you want to modify.

[-comment <text>] - Object Store Server Bucket Description

This parameter specifies the text comment for the object store server bucket.

[-size {<integer>[KB|MB|GB|TB|PB] }] - Size of the Bucket

This parameter specifies the size of the object store server bucket.

Examples

The following example modifies the comment of the object store server bucket for Vserver vs1.

```
cluster1::> vserver object-store-server bucket modify -vserver vs1 -bucket
testbucket -comment test
```

vserver object-store-server bucket show

Display object store server buckets

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server bucket show` command displays information about the object store server bucket.

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>, ...` parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-vserver <Vserver Name>] - Vserver Name

If you specify this parameter, the command displays information only about the object store server buckets for the specified Vserver

[-bucket <TextNoCase>] - Object Store Server Bucket Name

If you specify this parameter, the command displays information only for object store server buckets that match the specified bucket.

[-uuid <UUID>] - Object Store Server Bucket UUID

If you specify this parameter, the command displays information only for object store server buckets that match the specified bucket uuid.

[-comment <text>] - Object Store Server Bucket Description

If you specify this parameter, the command displays information only for object store server buckets that match the specified comment.

[-volume <volume name>] - Hosting FlexGroup Volume Name

If you specify this parameter, the command displays information only for object store server buckets that match the specified volume.

[-size {<integer>[KB|MB|GB|TB|PB] }] - Size of the Bucket

If you specify this parameter, the command displays information only for object store server buckets that match the specified size.

[-logical-used {<integer>[KB|MB|GB|TB|PB] }] - Object Store Server Bucket Logical Used Size

If you specify this parameter, the command displays information only for object store server buckets that match the specified logical used size.

[-object-count <integer>] - Object Store Server Object Count

If you specify this parameter, the command displays information only for object store server buckets that match the specified object-count.

[-encryption {true|false}] - Is Encryption Enabled on Bucket

If you specify this parameter, the command displays information only for object store server buckets that match the specified encryption field.

Examples

The following example displays information of all object store servers buckets:

```
cluster1::> vsserver object-store-server bucket show
Vserver      Bucket          Volume          Size          Encryption
-----
vs1          testbucket1     fg_oss_1563344831 10GB          false
  Comment: test1
vs2          testbucket2     fg_oss_1563518684 1GB           false
  Comment: test2
2 entries were displayed.
```

The following example displays information of the object store server bucket associated with Vserver vs1:

```
cluster1::> vsserver object-store-server bucket show -vsserver vs1
Vserver      Bucket          Volume          Size          Encryption
-----
vs1          testbucket      fg_oss_1563344831 10GB          false
Comment: test1
```

The following example displays detailed information of the object store server bucket associated with Vserver vs1:

```
cluster1::> vsserver object-store-server bucket show -vsserver vs1 -instance
Vserver: vs1
Bucket      :testbucket
  Uuid      :ef6c93db-a85b-11e9-b6dd-0050568e56f5
  Volume    :fg_oss_1563344831
  Size      :10GB
  Logical Used Size :7GB
  Object Count :13
  Encryption :false
  Comment    :test1
```

vsserver object-store-server user create

Create an object store server user

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vsserver object-store-server user create` command creates an object store user. This will generate an access-key and a secret-key to be used for aws v4 authentication

Parameters

-vsserver <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver on which to create the object store user. The Vserver must already exist.

-user <TextNoCase> - Object Store Server User Name

This parameter specifies the name of the object store user.

[-comment <text>] - Object Store Server User Description

This optional parameter specifies a text comment for the object store user.

Examples

The following example creates an object store user `user1` for Vserver `vs1`.

```
cluster1::> vserver object-store-server user create -vserver vs1 -user
user1
```

vserver object-store-server user delete

Delete an object store server user

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server user delete` command deletes an object store user.

Parameters

-vserver <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver for the object store server you want to delete.

-user <TextNoCase> - Object Store Server User Name

This parameter specifies the name of the object store user you want to delete.

Examples

The following example deletes an object store user for Vserver `vs1`.

```
cluster1::> vserver object-store-server user delete -vserver vs1 -user
user1
```

vserver object-store-server user modify

Modify an object store server user

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server user modify` command modifies an object store user.

Parameters

-vserver <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver for the object store user which you want to modify.

-user <TextNoCase> - Object Store Server User Name

This parameter specifies the name of the object store user.

[-comment <text>] - Object Store Server User Description

This parameter specifies the text comment for the object store user.

Examples

The following example modifies the comment of the object store user for Vserver vs1.

```
cluster1::> vsserver object-store-server user modify -vsserver vs1 -user
user1 -comment testuser
```

vsserver object-store-server user regenerate-keys

Regenerate keys for object store user

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vsserver object-store-server user regenerate-keys` command regenerates a new access-key and secret-key for an object store user

Parameters

-vsserver <Vserver Name> - Vserver Name

This parameter specifies the name of the Vserver on which the keys should be generated for the object store user. The object store user must already exist.

-user <TextNoCase> - Object Store Server User Name

This parameter specifies the name of the object store user.

Examples

The following example regenerates the keys for object store user for Vserver vs1.

```
cluster1::> vsserver object-store-server user regenerate-keys -vsserver vs1
-user user1
```

vsserver object-store-server user show

Display object store server users

Availability: This command is available to *cluster* and *Vserver* administrators at the *admin* privilege level.

Description

The `vserver object-store-server user show` command displays information about the object store user.

Parameters

{ [-fields <fieldname>,...]

If you specify the `-fields <fieldname>, ...` parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

| [-instance] }

If you specify the `-instance` parameter, the command displays detailed information about all fields.

[-vserver <Vserver Name>] - Vserver Name

If you specify this parameter, the command displays information only about the object store users for the specified Vserver

[-user <TextNoCase>] - Object Store Server User Name

If you specify this parameter, the command displays information only for object store users that match the specified object store user name.

[-id <integer>] - Object Store Server User ID

If you specify this parameter, the command displays information only for object store users that match the specified user id.

[-comment <text>] - Object Store Server User Description

If you specify this parameter, the command displays information only for object store users that match the specified comment field.

[-access-key <text>] - Access Key for the Object Store Server User

If you specify this parameter, the command displays information only for object store users that match the specified access key.

[-secret-key <text>] - Secret Key for the Object Store Server User

If you specify this parameter, the command displays information only for object store users that match the specified secret key. This parameter is available only in advanced privilege mode.

Examples

The following example displays information of all object store users in admin privilege:

```

cluster1::> vserver object-store-server user show
Vserver      User              ID      Access Key      Secret Key
-----
-----
vs1          user1             1
Fb4k9g049au0au22d0wpX7GGQ3SLayv1OCcA0ycDAP1Pa95YRA8N71zZN_69SZ77_bQ909ur9m
Iehz5_Jcb4VjdW9B1TXj4D5621k4_ghaiD3uEbF9_c5Q0oD7TBvx83
  Comment: testuser
vs1          user2             2
QO2PPR_U00Y9u4qsjpK49egAs2yJ_0iZQcXPuVumpI6ybn0ca4TY7vXO8N5__072cXzTn_hU6j
W9ER7bja_GDcH3D3g2w9XVB_d_S3wdd3DgI_DBZgb_YNRI9Ae_Cy34
2 entries were displayed.

```

The following example displays information of a particular object store user associated with Vserver vs1:

```

cluster1::> vserver object-store-server user show -vserver vs1 -user user1
                Vserver Name: vs1
                Object Store Server User Name: user1
                Object Store Server User ID: 1
                Object Store Server User Description: testuser
Access Key for the Object Store Server User:
Fb4k9g049au0au22d0wpX7GGQ3SLayv1OCcA0ycDAP1Pa95YRA8N71zZN_69SZ77_bQ909ur9m
Iehz5_Jcb4VjdW9B1TXj4D5621k4_ghaiD3uEbF9_c5Q0oD7TBvx83

```

The following example displays information of all object store users in advanced privilege:

```

cluster1::*> vserver object-store-server user show
Vserver      User          ID          Access Key          Secret Key
-----
-----
vs1          user1         1
Fb4k9g049au0au22d0wpX7GGQ3SLayv1OCcA0ycDAP1Pa95YRA8N71zZN_69SZ77_bQ909ur9m
Iehz5_Jcb4VjdW9B1TXj4D5621k4_ghaiD3uEbF9_c5Q0oD7TBvx83

6SN5oxyz92sw1P5yc2_BH9XHnAi3XgP9Cx876Nglh5382222kL5Z92Jx2qcV795ZkwyjsBt65D
j804p64__h8D30XqY_d5kbr3jt9V_S79s1AnCB8gD2f9hKl2sbn3y3
  Comment: testuser
vs1          user2         2
QO2PPR_U00Y9u4qsjpK49egAs2yJ_0iZQcXPuVumpI6ybn0ca4TY7vXO8N5__072cXzTn_hU6j
W9ER7bja_GDcH3D3g2w9XVB_d_S3wdd3DgI_DBZgb_YNRI9Ae_Cy34

nQB2tQ1_Og_a6c0q2r4sOtK1rM9Ch9qA4arJJ8f52_n4cQWmZGrcxBWYnbIr573rb2rqPu43tm
tD8BSjD9_s2Y5C_8hx1BNXM99r494p_1hzYa_Rd1Ij9S68AP1CtJo0
2 entries were displayed.

```

The following example displays information of a particular object store user associated with Vserver vs1 in advanced privilege:

```

cluster1::*> vserver object-store-server user show -vserver vs1 -user
user1

                Vserver Name: vs1
                Object Store Server User Name: user1
                Object Store Server User ID: 1
                Object Store Server User Description: testuser
Access Key for the Object Store Server User:
Fb4k9g049au0au22d0wpX7GGQ3SLayv1OCcA0ycDAP1Pa95YRA8N71zZN_69SZ77_bQ909ur9m
Iehz5_Jcb4VjdW9B1TXj4D5621k4_ghaiD3uEbF9_c5Q0oD7TBvx83
Secret Key for the Object Store Server User:
6SN5oxyz92sw1P5yc2_BH9XHnAi3XgP9Cx876Nglh5382222kL5Z92Jx2qcV795ZkwyjsBt65D
j804p64__h8D30XqY_d5kbr3jt9V_S79s1AnCB8gD2f9hKl2sbn3y3

```

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