vserver active-directory commands

ONTAP 9.9.1 commands

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vserver active-directory commands

vserver active-directory create

Create an Active Directory account. If joining a domain, this command may take several minutes to complete.

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

Description

The `vserver active-directory create` command creates an Active Directory account for a Vserver. When you create the Active Directory account, you must add it to an existing Windows Active Directory domain. When you enter this command, you are prompted to provide the credentials of a user account that has sufficient privileges to add computers to the `-ou` container within the `-domain` domain. The user account must have a password that cannot be empty. When joining a domain, this command may take several minutes to complete.

Each Vserver can have only one Active Directory account.

Parameters

`-vserver <vserver>` - Vserver

This parameter specifies the name of the Vserver for which you want to create the Active Directory account. The Vserver must already exist.

`-account-name <NetBIOS>` - Active Directory NetBIOS Name

This parameter specifies the name of the Active Directory account (up to 15 characters).

`-domain <TextNoCase>` - Fully Qualified Domain Name

This parameter specifies the name of the Active Directory domain.

`[-ou <text>]` - Organizational Unit

This parameter specifies the organizational unit within the Active Directory domain. By default, this parameter is set to *`CN=Computers`* . When specifying this parameter, specify only the organizational unit portion of the distinguished name. Data ONTAP appends the value provided for the required `-domain` parameter onto the value provided for `-ou` parameter to produce the Active Directory distinguished name, which is used when creating the Vserver's Active Directory account in the domain.

Nested OUs must be provided in a specific order with all containers separated by a comma. Reading from left to right you travel up the directory tree until you reach the root OU.

Examples

The following example creates an Active Directory account *`ADSERVER1`* for Vserver *`vs1`* and domain *`example.com`* .

```
cluster1::> vserver active-directory create -vserver vs1 -account-name
ADSERVER1 -domain example.com

In order to create an Active Directory machine account, you must supply
the
name and password of a Windows account with sufficient privileges to add
computers to the "CN=Computers" container within the "example.com" domain.

Enter the user name: Administrator

Enter the password:
```

The following example creates an Active Directory account *ADSERVER2* for Vserver *vs2* , domain *example.com* and organizational unit *sample_ou* .

```
cluster1::> vserver active-directory create -vserver vs2 -account-name
ADSERVER2 -domain example.com -ou OU=sample_ou

In order to create an Active Directory machine account, you must supply
the
name and password of a Windows account with sufficient privileges to add
computers to the "OU=sample_ou" container within the "example.com" domain.

Enter the user name: Administrator

Enter the password:
```

The following example creates an Active Directory account *ADSERVER2* for Vserver *vs2* , domain *example.com* and nested organizational unit *OU=developers,OU=engineering,OU=corp* .

```
cluster1::> vserver active-directory create -vserver vs2 -account-name
ADSERVER2 -domain example.com -ou OU=developers,OU=engineering,OU=corp

In order to create an Active Directory machine account, you must supply
the
name and password of a Windows account with sufficient privileges to add
computers to the "OU=developers,OU=engineering,OU=corp" container within
the "example.com" domain.

Enter the user name: Administrator

Enter the password:
```

vserver active-directory delete

Delete an Active Directory account

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

Description

The `vserver active-directory delete` command deletes the Active Directory account for a specified Vserver.

Parameters

`-vserver <vserver>` - Vserver

This parameter specifies the Vserver for the Active Directory account you want to delete.

Examples

The following example deletes the Active Directory account for a Vserver named *`vs1`* :

```
cluster1::> vserver active-directory delete -vserver vs1
In order to delete an Active Directory machine account, you must supply
the
name and password of a Windows account with sufficient privileges to
remove
computers from the "example.com" domain.

Enter the user name: Administrator

Enter the password:
```

vserver active-directory modify

Modify the domain of an Active Directory account. If re-joining the current domain or joining a new one, this command may take several minutes to complete.

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

Description

The `vserver active-directory modify` command modifies the domain of an Active Directory account. You can also re-join the current domain or join a new one. When joining a domain, this command may take several minutes to complete.

Parameters

-vserver <vserver> - Vserver

This parameter specifies the Vserver for the Active Directory account whose associated domain you want to modify.

[-domain <TextNoCase>] - Fully Qualified Domain Name

This parameter specifies the fully qualified name of the Active Directory domain to associate with the Active Directory account.

Examples

The following example modifies the Active Directory domain associated with Vserver *vs1* .

```
cluster1::> vserver active-directory modify -vserver vs1 -domain
example.com

In order to create an Active Directory machine account, you must supply
the
name and password of a Windows account with sufficient privileges to add
computers to the "CN=Computers" container within the "example.com" domain.

Enter the user name: administrator

Enter the password:
```

vserver active-directory password-change

Change the domain account password for an Active Directory account

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

Description

The `vserver active-directory password-change` command changes the domain account password for the specified Vserver's Active Directory account.

Parameters

-vserver <vserver> - Vserver

This parameter specifies the name of the Vserver associated with the Active Directory account whose domain account password you want to change.

Examples

The following example changes the password for the Active Directory account for a Vserver named *vs1* .

```
cluster1::> vserver active-directory password-change -vserver vs1
```

vserver active-directory password-reset

Reset the domain account password for an Active Directory account

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

Description

The `vserver active-directory password-reset` command resets the domain account password for the Active Directory account. This may be required if the password stored along with the machine account in the Windows Active Directory domain is changed or reset without the Vserver's knowledge. The operation requires the credentials for a user with permission to reset the password in the organizational unit (OU) that contains the machine account.

Parameters

`-vserver <vserver>` - Vserver

This parameter specifies the name of the Vserver associated with the Active Directory account whose domain account password you want to reset.

Examples

The following example resets the password for the Active Directory account for a Vserver named *`vs1`*.

```
cluster1::> vserver active-directory password-reset -vserver vs1

Enter your user ID: Administrator
Enter your password:
```

vserver active-directory show

Display Active Directory accounts

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

Description

The `vserver active-directory show` command displays information about Active Directory accounts. The command output depends on the parameter or parameters specified with the command. If you do not specify any parameters, the command displays the following information about all Active Directory accounts:

- Vserver name
- Active Directory account NetBIOS name
- Domain or workgroup name

You can specify the `-fields` parameter to specify which fields of information to display about Active Directory accounts. You can use `-fields`?` to display the valid values for the `-fields` parameter. In addition to the fields above, you can display the following fields:

- Fully-qualified domain name
- Organizational unit

You can specify additional parameters to display only information that matches those parameters. For instance, to display information only about Active Directory accounts that are in the Windows Active Directory domain named *RUBY*, run the command with the value of the `-domain-workgroup` parameter set to *RUBY*.

You can specify the `-instance` parameter to display all information for all Active Directory accounts in list form.

Parameters

{ [-fields <fieldname>,…]

If you specify the `-fields` <fieldname>, … parameter, the command only displays the fields that you specify.

| [-instance] }

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

[-vserver <vserver>] - Vserver

If you specify this parameter, the command displays information only about the Active Directory account for the specified Vserver.

[-account-name <NetBIOS>] - Active Directory NetBIOS Name

If you specify this parameter, the command displays information only for the Active Directory accounts that match the specified NetBIOS account name.

[-domain-workgroup <CIFS domain>] - NetBIOS Domain/Workgroup Name

If you specify this parameter, the command displays information only for the Active Directory accounts that are in the specified NetBIOS domain or workgroup.

Workgroups are not supported in this release.

[-domain <TextNoCase>] - Fully Qualified Domain Name

If you specify this parameter, the command displays information only for the Active Directory accounts that are in the specified domain.

[-ou <text>] - Organizational Unit

If you specify this parameter, the command displays information only for the Active Directory accounts that are in the specified organizational unit.

[-auth-style {domain|workgroup|realm}] - Authentication Style

If you specify this parameter, the command displays information only for the Active Directory accounts that are in the specified authentication style.

Examples

The following example displays a subset of the information about all Active Directory accounts.

```
cluster1::> vserver active-directory show
Account     Domain/Workgroup
 Vserver         Name         Name
 --------------- ------------ ----------------
 vs1             ADSERVER1    EXAMPLE
```

The following example displays all information about all Active Directory Vservers in list form.

```
cluster1::> vserver active-directory show -instance
Vserver: vs1
            Active Directory account NetBIOS Name: ADSERVER1
                    NetBIOS Domain/Workgroup Name: EXAMPLE
                      Fully Qualified Domain Name: EXAMPLE.COM
                              Organizational Unit: CN=Computers
```

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