vserver http-proxy commands

ONTAP commands

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vserver http-proxy commands

vserver http-proxy create

Create a HTTP Proxy configuration

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

Description

The `vserver http-proxy create` command creates an HTTP proxy configuration for a Vserver.

Parameters

{ `-vserver <vserver>` - Vserver

Use this parameter to specify the Vserver on which the HTTP proxy configuration is to be created.

Note that `-vserver` and `-ipspace` are mutually exclusive options.

| `[-ipspace <text>]` - Ipspace }

Use this parameter to specify the IPspace on which the HTTP proxy configuration is to be created. The proxy is created on the system Vserver of that IPspace.

Note that `-vserver` and `-ipspace` are mutually exclusive options.

`-server <text>` - Proxy Server

Use this parameter to specify the Fully Qualified Domain Name or IP address of the proxy server.

`-port <integer>` - Port

Use this parameter to specify the port number on which the HTTP proxy service is configured on the proxy server.

`-is-auth-enabled {true|false}` - Authentication Enabled

Use this parameter to specify if authentication is enabled to connect to the HTTP proxy server. By default it is set to false. When set to true, username and password will be prompted.

`[-skip-config-validation <true>]` - Skip the config validation

Use this parameter to skip the HTTP proxy configuration validation.

The proxy configuration is validated to verify that the specified server is reachable and is providing an HTTP proxy service on the specified port.

The validation fails in the following cases:

- The server is not reachable.
- The specified port is invalid.
- HTTP proxy service is not configured on the specified server and port.
- Route or LIF does not exist.

Examples

The following example creates an HTTP proxy configuration for the Vserver vs0 with Fully Qualified Domain Name as input for the `-server` parameter:

```
cluster1::*> vserver http-proxy create -vserver vs0 -server example.com
-port 222
```

The following example creates an HTTP proxy configuration with the IP address as input for the `-server` parameter:

```
cluster1::*> vserver http-proxy create -vserver vs0 -server 192.168.0.0
-port 222
```

The following example creates an HTTP proxy configuration with `-skip-config-validation` set to true:

```
cluster1::*> vserver http-proxy create -vserver vs0 -server 192.168.0.0
-port 222 -skip-config-validation
```

The following example creates an HTTP proxy configuration with the IPspace specified and not the Vserver name:

```
cluster1::*> vserver http-proxy create -ipspace default -server
192.168.0.0 -port 222
```

The following example creates an HTTP proxy configuration with authentication enabled:

```
cluster1::*> vserver http-proxy create -ipspace default -server
192.168.0.0 -port 222 -is-auth-enabled true

Enter the user name: test

Enter the password:
```

vserver http-proxy delete

Remove a HTTP Proxy configuration

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

Description

The `vserver http-proxy delete` command deletes an HTTP proxy configuration.

Parameters

`-vserver <vserver>` - Vserver

Use this parameter to specify the Vserver for which the HTTP proxy configuration is to be deleted.

Examples

The following example deletes the HTTP proxy configuration for the Vserver vs0:

```
cluster1::*> vserver http-proxy delete -vserver vs0
```

vserver http-proxy modify

Change a HTTP Proxy configuration

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

Description

The `vserver http-proxy modify` command modifies an HTTP proxy configuration of a Vserver.

Parameters

{ `-vserver <vserver>` - Vserver

Use this parameter to specify the Vserver for which the HTTP proxy server configuration is to be modified.

Note that `-vserver` and `-ipspace` are mutually exclusive options.

| `[-ipspace <text>]` - Ipspace }

Use this parameter to specify the IPspace for which the HTTP proxy server configuration is to be modified.

Note that `-vserver` and `-ipspace` are mutually exclusive options.

`[-server <text>]` - Proxy Server

Use this parameter to specify the Fully Qualified Domain Name or IP address of the proxy server.

`[-port <integer>]` - Port

Use this parameter to specify the port number on which the HTTP proxy service is configured on the proxy server.

`[-is-auth-enabled {true|false}]` - Authentication Enabled

Use this parameter to specify if authentication is enabled to connect to the HTTP proxy server. By default it is set to false. When set to true, username and password will be prompted.

[-skip-config-validation <true>] - Skip the config validation

Use this parameter to skip the HTTP proxy configuration validation.

The proxy configuration is validated to verify that the specified server is reachable and is providing HTTP proxy service on the specified port.

The validation fails in the following cases:

- The server is not reachable.
- The specified port is invalid.
- HTTP proxy service is not configured on the specified server and port.
- Route or LIF does not exist.

Examples

The following example modifies the HTTP proxy server of the Vserver vs0 with Fully Qualified Domain Name as input for `-server` parameter:

```
cluster1::*> vserver http-proxy modify -vserver vs0 -server example.com
```

vserver http-proxy show

Display HTTP Proxy configuration

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

Description

The `vserver http-proxy show` command displays information about HTTP proxy configurations. The IPspace field is populated only if a Vserver is the system vserver of that IPspace. For all other Vservers, the IPspace field is empty.

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>] - Vserver

Use this parameter to display information only about the HTTP proxy configuration of the Vservers you specify.

[-ipspace <text>] - Ipspace

Use this parameter to display information only about the HTTP proxy configuration of the IPspace you specify.

[-server <text>] - Proxy Server

Use this parameter to display information only about the HTTP proxy configurations that match the the Fully Qualified Domain Name or IP address you specify.

[-port <integer>] - Port

Use this parameter to display information only about the HTTP proxy configurations that match the port you specify.

[-is-auth-enabled {true|false}] - Authentication Enabled

Use this parameter to display information only about the HTTP proxy configurations that match the specified authentication enabled setting.

Examples

The following example displays information about all HTTP proxy configurations:

```
cluster1::*> vserver http-proxy show
Vserver         IPSpace        Server                              Port
--------------- -------------- ----------------------------------
----------------
test            test           10.0.0.0                            3128
vs2             -              192.168.0.0                         3128
2 entries were displayed.
```

The following example displays information about all HTTP proxy configurations with `server` 10.0.0.0:

```
cluster1::*> vserver http-proxy show -server 10.0.0.0
Vserver         IPSpace        Server                              Port
--------------- -------------- ----------------------------------
----------------
test            test           10.0.0.0                            3128
```

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