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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>] - Ip space
    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>] - Ip space
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 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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