



security protocol commands

ONTAP 9.10.1 commands

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security protocol commands

security protocol modify

Modify application configuration options

Availability: This command is available to *cluster* administrators at the *advanced* privilege level.

Description

The `security protocol modify` command modifies the existing cluster-wide configuration of RSH and Telnet. Enable RSH and Telnet in the cluster by setting the `enabled` field as *true*.

Parameters

-application <text> - application (privilege: advanced)

Selects the application. Supported values are *rsh* and *telnet*.

[-enabled {true|false}] - enabled (privilege: advanced)

Enables or disables the corresponding application. The default value is *false*.

Examples

The following command enables RSH in the cluster. The default setting for RSH is *false*:

```
cluster1::> security protocol modify -application rsh -enabled true
```

The following command enables Telnet in the cluster. The default setting for Telnet is *false*:

```
cluster1::> security protocol modify -application telnet -enabled true
```

security protocol show

Show application configuration options

Availability: This command is available to *cluster* administrators at the *advanced* privilege level.

Description

The `security protocol show` command displays the cluster-wide configuration of RSH and Telnet in the cluster in advanced privilege mode. RSH and Telnet are disabled by default. Use the [security protocol modify](#) command to change the RSH and Telnet configuration that the cluster supports.

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.

[-application <text>] - application (privilege: advanced)

Displays the insecure applications in the cluster.

[-enabled {true|false}] - enabled (privilege: advanced)

Displays whether the application is enabled or disabled in the cluster.

Examples

The following example shows the default security protocol configurations for a cluster:

```
cluster1::> security protocol show
```

Application	Enabled
-----	-----
rsh	false
telnet	false

The following example shows the security protocol configuration after RSH and Telnet have been enabled:

```
cluster1::> security protocol show
```

Application	Enabled
-----	-----
rsh	true
telnet	true

Related Links

- [security protocol modify](#)

security protocol ssh modify

Modify the SSH configuration

Availability: This command is available to *cluster* administrators at the *advanced* privilege level.

Description

The `security protocol ssh modify` command modifies the existing cluster-wide configuration of SSH

Parameters

`[-per-source-limit <integer>]` - Per-Source Limit (privilege: advanced)

Modifies the maximum number of SSH instances per source IP address on a per-node basis.

`[-max-instances <integer>]` - Maximum Number of Instances (privilege: advanced)

Modifies the maximum number of SSH instances that can be handled on a per-node basis.

`[-connections-per-second <integer>]` - Connections Per Second (privilege: advanced)

Modifies the maximum number of SSH connections per second on a per-node basis.

Examples

The following example modifies cluster-wide SSH configuration:

```
cluster1::*> security protocol ssh modify -per-source-limit 30 -max
-instances 60 -connections-per-second 5
```

security protocol ssh show

Show the SSH configuration

Availability: This command is available to *cluster* administrators at the *advanced* privilege level.

Description

The `security protocol ssh show` command displays the cluster-wide SSH configuration in advanced privilege mode. Use the [security protocol ssh modify](#) command to change the SSH configuration that the cluster supports.

Examples

The following example displays cluster-wide SSH configuration:

```
cluster1::*> security protocol ssh show
Per-Source Limit: 32
Maximum Number of Instances: 64
Connections Per Second: 10
```

Related Links

- [security protocol ssh modify](#)

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