



security jit-privilege commands

Command reference

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security jit-privilege commands

security jit-privilege elevate

Elevate JIT privilege for user

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

Description

The `security jit-privilege elevate` command elevates the privilege of the logged-in user upon successful just-in-time (JIT) password validation.

Examples

The following command elevates the privilege of the logged-in user.

```
cluster1::> security jit-privilege elevate
```

security jit-privilege modify

Modify the JIT configurations

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

Description

The `security jit-privilege modify` modifies the just-in-time (JIT) privilege elevation global settings.

Parameters

-vserver <vserver name> - Vserver

The specific Vserver name where the just-in-time privilege settings apply.

-application <text> - Application

The specific application where the just-in-time privilege settings apply.

[-default-session-validity-period <time_interval>] - Default Session Validity Period

Default session validity period.

[-max-jit-validity-period <time_interval>] - Maximum JIT Validity Period

Maximum just-in-time validity period.

Examples

The following command modifies global just-in-time setting.

```
cluster1::> security jit-privilege modify -application ssh -default  
-session-validity-period 2h -max-jit-validity-period 30d
```

security jit-privilege reset

Reset JIT privilege for user

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

Description

The `security jit-privilege reset` resets the just-in-time (JIT) privilege of the logged-in user.

Examples

The following command resets the just-in-time (JIT) privilege of the logged-in user.

```
cluster1::> security jit-privilege reset
```

security jit-privilege show-remaining-time

Shows remaining time of user in the logged-in SSH session

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

Description

The `security jit-privilege show-remaining-time` command shows the remaining time of the elevated JIT privilege for the currently logged-in user.

Examples

To get the remaining time of the elevated JIT privilege for the currently logged-in user:

```
cluster1::> security jit-privilege show-remaining-time  
You have 30m15s left for your current JIT elevated privilege  
section.
```

security jit-privilege show

Display the JIT configurations

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

Description

The `security jit-privilege show` command displays global settings of just-in-time (JIT) privilege elevation.

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

The specific Vserver name where the just-in-time privilege settings apply.

[-application <text>] - Application

The specific application where the just-in-time privilege settings apply.

[-default-session-validity-period <time_interval>] - Default Session Validity Period

Default session validity period.

[-max-jit-validity-period <time_interval>] - Maximum JIT Validity Period

Maximum just-in-time validity period.

Examples

The following command displays the global settings of just-in-time privilege elevation.

```
cluster1::> security jit-privilege show
                                     Vserver: vs0
                                     Application: ssh
Default Session validity period: 1h0m0s
Maximum JIT validity period: 2160h0m0s
```

security jit-privilege user create

Create a JIT privilege of user

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

Description

The `security jit-privilege user create` command creates a just-in-time (JIT) privilege elevation entry for the user which has already been configured.

Parameters

-vserver <vserver name> - Vserver

This is the Vserver of the user for whom you are adding JIT entry. When not set, the default value of *Administrative* Vserver is used.

-username <text> - Username

This is the username for whom you are adding the JIT entry.

-application <text> - Application

This specifies the application of the JIT entry. When not set, the default value of *ssh* is used.

[-role <text>] - Role Name

This specifies an access-control role name for the JIT entry. When not set, the default value of *admin* is used in case of Administrative Vserver and *vsadmin* is used in case of data Vserver

[-session-validity-period <time_interval>] - Session Validity Period

This specifies the validity period for which the just-in-time (JIT) privilege level will remain elevated. When not set, the value specified in the global JIT settings is used.

[-jit-validity-period <time_interval>] - JIT Validity Period

This specifies validity period within which the user's JIT privilege level can be elevated and/or reset any number of times. The value of this parameter must always be greater than or equal to the value specified for *session-validity-period* parameter. When not set, the default value is taken from *session-validity-period* of the global JIT settings.

[-start-time <MM/DD/YYYY HH:MM:SS>] - Start Time

This specific starting date/time in UTC format from which privilege can be elevated. When not set, the default value is the current date and time in UTC format.

[-comment <text>] - Comment

This optionally specifies comment text for the JIT entry.

Examples

The following command creates a JIT entry for user named "jdoe" for Vserver vs1.

```
cluster1::> security jit-privilege user create -username jdoe -application
ssh -role admin -session-validity-period 1h -jit-validity-period 5h -start
-time "4/17/2023 14:37:58" -vserver vs1 -comment "This is a JIT entry for
jdoe"
```

security jit-privilege user delete

Delete a JIT privilege of user

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

Description

The `security jit-privilege user delete` deletes just-in-time(JIT) privilege elevation entry for the user which has already been configured.

Parameters

-vserver <vserver name> - Vserver

This specifies the Vserver of the user for whom you are deleting JIT entry. When not set, the default value is the Administrative Vserver.

-username <text> - Username

This specifies the name of the user for whom you are deleting the JIT entry.

-application <text> - Application

This specifies the application of the JIT entry. Possible values include ssh.

Examples

The following command associates deletes a JIT entry for user named "jdoe" for Vserver vs1.

```
cluster1::> security jit-privilege user delete -username jdoe -vserver vs1  
-application ssh
```

security jit-privilege user show

Display JIT privilege of users

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

Description

The `security jit-privilege user show` displays just-in-time(JIT) privilege elevation entries.

Parameters

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

This specifies the fields that need to be displayed.

| [-instance] }

If this parameter is specified, the command displays information about all just-in-time privilege configuration.

[-vserver <vserver name>] - Vserver

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified Vserver.

[-username <text>] - Username

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified username.

[-application <text>] - Application

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified application.

[-role <text>] - Role Name

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified access-control role name.

[-session-validity-period <time_interval>] - Session Validity Period

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified session validity period.

[-jit-validity-period <time_interval>] - JIT Validity Period

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified just-in-time validity period.

[-start-time <MM/DD/YYYY HH:MM:SS>] - Start Time

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified start time.

[-end-time <MM/DD/YYYY HH:MM:SS>] - End Time

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified end time.

[-comment <text>] - Comment

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified comment text.

[-jit-status <text>] - Status

If this parameter is specified, the command displays information only about the just-in-time configuration that match the specified just-in-time status.

Examples

The following command displays the just-in-time entries configured.

```
cluster1::> security jit-privilege user show
      Vserver : cluster-1
      Username: jdoe
      Application: ssh
      Role Name: admin
Session Validity Period: 1h0m0s
      JIT Validity Period: 1h0m0s
      Start Time: 4/17/2023 14:37:58
      End Time: 4/17/2023 15:37:58
      Comment: JIT entry for jdoe
      Status: active
```

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