



security tpm commands

Command reference

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security tpm commands

security tpm show

Display the status of TPM

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

Description

This command displays information about the status of the Trusted Platform Module(TPM) device. By default, this command displays the following information:

- Node name
- Availability of the device
- State of the device, if available
- Firmware version
- Firmware upgrade counter
- Manufacturer Id

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.

[-node {<nodename>|local}] - Node

Selects the nodes that match this parameter value

[-is-available {yes|no}] - Is TPM Available?

Selects the nodes that match this parameter value.

- yes - The TPM device is mounted and available.
- no - The node does not support a TPM.

[-is-active {yes|no}] - Is TPM Active?

Selects the nodes that match this parameter value.

- yes - The TPM device is available and active.
- no - if `-is-available` parameter is `yes`, the TPM device is mounted and available but is not responding to TPM commands.

[-version <text>] - Firmware Version

Selects the nodes that match this firmware version.

[-upgrade-count <integer>] - Firmware Counter

Selects the nodes that match the given number of firmware upgrade tries left.

[-sym-key-size <integer>] - Size of Primary Symmetric Key

Selects the nodes that match the given symmetric key size for the primary symmetric key.

[-manufacturer <text>] - Manufacturer Id

Displays the TPM Manufacturer Id.

Examples

```
cluster1::> security tpm show
```

Node	Available?	Active?	Firmware Version	Firmware Counter	Manufacturer
-----	-----	-----	-----	-----	-----
node1	yes	yes	2.5	64	IFX
node2	yes	yes	2.5	64	IFX

2 entries were displayed.

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