



## **security tpm commands**

ONTAP 9.13.1 commands

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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

### 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.

## Examples

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

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

2 entries were displayed.

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