



# **system chassis commands**

ONTAP 9.12.1 commands

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# system chassis commands

## system chassis show

Display all the chassis in the cluster

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

### Description

The `system chassis show` command displays information about all the chassis in the cluster. By default, the command displays the following information about all the chassis in the cluster:

- Chassis ID
- Status
- List of nodes in the chassis

To display more details, use the `-instance` parameter.

### Parameters

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

Selects the fields that you specify.

**| [-instance ] }**

Displays detailed information about all the chassis in the cluster.

**[-chassis-id <text>] - Chassis ID**

Selects information about the specified chassis.

**[-member-nodes {<nodename>|local}] - List of Nodes in the Chassis**

Selects information about the chassis with the specified member node list.

**[-num-nodes <integer>] - Number of Nodes in the Chassis**

Selects information about the chassis with the specified number of nodes.

**[-status {ok|ok-with-suppressed|degraded|unreachable|unknown}] - Status**

Selects information about the chassis with the specified status.

### Examples

The following example displays information about all the chassis in the cluster:

```
cluster1::> system chassis show
```

Chassis ID	Status	List of Nodes
4591227214	ok	node1,node2
4591227000	ok	node1,node2

The following example displays detailed information about a specific chassis:

```
cluster1::> system chassis show -chassis-id 4591227214 -instance
```

```
Chassis ID: 4591227214
List of Nodes in the Chassis: node1,node2
Number of Nodes in the Chassis: 2
Status: ok
```

## system chassis fru show

Display the FRUs in the cluster

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

### Description

The `system chassis fru show` command displays information about all the major chassis specific FRUs in the cluster. By default, the command displays the following information about all the FRUs in the cluster:

- Chassis ID
- FRU name
- FRU type
- FRU state
- Nodes sharing the FRU

To display more details, use the `-instance` parameter.

### Parameters

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

Selects the fields that you specify.

```
| [-instance ] }
```

Displays detailed information about FRUs.

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

Specifies the primary node name in the cluster on which Chassis health monitor is running.

**[-serial-number <text>] - FRU Serial Number**

Selects information about the FRU with the specified serial number.

**[-fru-name <text>] - FRU Name**

Selects information about the FRU with the specified FRU name.

**[-type {controller|psu|fan|dimm|bootmedia|ioxm|nvram|nvdim}] - FRU Type**

Selects information about all the FRUs with the specified FRU type.

**[-name <text>] - FRU ID**

Selects information about the FRU with the specified FRU unique name.

**[-state <text>] - FRU State**

Selects information about all the FRUs with the specified state.

**[-status {ok|ok-with-suppressed|degraded|unreachable|unknown}] - Status**

Selects information about all the FRUs with the specified status.

**[-display-name <text>] - Display Name for the FRU**

Selects information about all the FRUs with the specified FRU display name.

**[-monitor {node-connect|system-connect|system|controller|chassis|cluster-switch|example|ethernet-switch}] - Monitor Name**

Selects information about all the FRUs with the specified monitor name.

**[-model <text>] - Model Type**

Selects information about all the FRUs with the specified FRU model.

**[-shared {shared|not\_shared}] - Shared Resource**

Selects information about all the FRUs with the specified sharing type.

**[-chassis-id <text>] - Chassis ID**

Selects information about all the FRUs in the specified chassis.

**[-additional-info <text>] - Additional Information About the FRU**

Selects information about all the FRUs with the specified additional information.

**[-connected-nodes {<nodename>|local}] - List of Nodes Sharing the FRU**

Selects information about all the FRUs with the specified node list.

**[-num-nodes <integer>] - Number of Nodes Sharing the FRU**

Selects information about all the FRUs with the specified number of connected nodes.

## Examples

The following example displays information about all major chassis specific FRUs in the cluster:

```
cluster1::> system chassis fru show
```

Chassis ID	FRU	Type	State	Nodes Sharing the FRU
4591227214	node1	controller	ok	node1
4591227214	node2	controller	ok	node2
4591227214	PSU1 FRU	psu	GOOD	node1,node2
4591227214	PSU2 FRU	psu	GOOD	node1,node2

The following example displays detailed information about a specific FRU:

```
cluster1::> system chassis fru show -instance -fru-name "PSU1 FRU"
Node: node1
```

```
FRU Serial Number: XXT122737891
```

```
FRU Name: PSU1 FRU
```

```
FRU Type: psu
```

```
FRU Name: XXT122737891
```

```
FRU State: GOOD
```

```
Status: ok
```

```
Display Name for the FRU: PSU1 FRU
```

```
Monitor Name: chassis
```

```
Model Type: none
```

```
Shared Resource: shared
```

```
Chassis ID: 4591227214
```

```
Additional Information About the FRU: Part Number: 114-00065+A0
```

```
Revision: 020F
```

```
Manufacturer: NetApp
```

```
FRU Name: PSU
```

```
List of Nodes Sharing the FRU: node1,node2
```

```
Number of Nodes Sharing the FRU: 2
```

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