



system chassis commands

ONTAP 9.3 commands

NetApp
September 27, 2022

Table of Contents

- system chassis commands 1
- system chassis show 1
- system chassis fru show 2

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}] - 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
```

Copyright Information

Copyright © 2022 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.