



# **cluster ring commands**

## **ONTAP 9.6 commands**

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# cluster ring commands

## cluster ring show

Display cluster node member's replication rings

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

### Description

The `cluster ring show` command displays a cluster's ring-replication status. Support personnel might ask you to run this command to assist with troubleshooting.

### 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 (privilege: advanced)**

Selects the rings that match this parameter value.

**[-unitname {mgmt|vldb|vifmgr|bcomd|crs|availd}] - Unit Name (privilege: advanced)**

Selects the rings that match this parameter value. Possible values are:

- `mgmt` - The management application
- `vldb` - The volume location database
- `vifmgr` - The virtual-interface manager
- `bcomd` - The SAN management daemon
- `crs` - The configuration replication service

**[-online {master|secondary|offline}] - Status (privilege: advanced)**

Selects the rings that match this parameter value.

**[-epoch <integer>] - Epoch (privilege: advanced)**

Selects the rings that match this parameter value.

**[-master <nodename>] - Master Node (privilege: advanced)**

Selects the rings that match this parameter value.

**[-local <nodename>] - Local Node (privilege: advanced)**

Selects the rings that match this parameter value.

**[-db-epoch <integer>] - DB Epoch (privilege: advanced)**

Selects the rings that match this parameter value.

**[-db-trnxs <integer>] - DB Transaction (privilege: advanced)**

Selects the rings that match this parameter value.

**[-num-online <integer>] - Number Online (privilege: advanced)**

Selects the rings that match this parameter value.

**[-rdb-uuid <UUID>] - RDB UUID (privilege: advanced)**

Selects the rings that match this parameter value.

## Examples

The following example displays information about all replication rings in a two-node cluster:

```
cluster1::*> cluster ring show
Node      UnitName Epoch    DB Epoch DB Trnxs Master   Online
-----
node0     mgmt      1          1         1068    node0    master
node0     vldb      1          1          98     node0    master
node0     vifmgr    1          1         350     node0    master
node0     bcomd     1          1          56     node0    master
node0     crs       1          1          88     node0    master
node1     mgmt      1          1         1068    node0    secondary
node1     vldb      1          1          98     node0    secondary
node1     vifmgr    1          1         350     node0    secondary
node1     bcomd     1          1          56     node0    secondary
node1     crs       1          1          88     node0    secondary
10 entries were displayed.
```

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