cluster ring commands
ONTAP 9.13.1 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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