cluster ring commands

Command reference

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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 ]` (privilege: advanced) }

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|vaild}]` - 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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