



# **cluster kernel-service commands**

## **ONTAP commands**

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# cluster kernel-service commands

## cluster kernel-service show

Display cluster service state in the kernel

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

### Description

The ``cluster kernel-service show`` command displays the following information from the master node for each node in the cluster:

- Node name
- The quorum status of that node
- The availability status of that node
- The operational status of that node

### 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.

**[-master-node {<nodename>|local}] - Node (privilege: advanced)**

The node in the cluster where the information be being reported from. If this parameter is not specified, the command displays information about all nodes in the cluster.

**[-cluster-node <text>] - Cluster Node (privilege: advanced)**

The node in the cluster that the information listed is regarding. If this parameter is specified, the command displays information only about the nodes with the specified state value.

**[-status-quorum {out-of-quorum|in-quorum}] - Quorum Status (privilege: advanced)**

The quorum status of the node specified by `-cluster-node` . If this parameter is specified, the command displays information only about the nodes with the specified state value.

**[-status-avail {false|true|unknown}] - Availability Status (privilege: advanced)**

The availability status of the node specified by `-cluster-node` . If this parameter is specified, the command displays information only about the nodes with the specified state value.

**[-status-oper {unknown|operational|not-operational}] - Operational Status (privilege: advanced)**

The operational status of the node specified by `-cluster-node` . If this parameter is specified, the

command displays information only about the nodes with the specified state value.

## Examples

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

```
cluster1::*> cluster kernel-service show
Master          Cluster          Quorum          Availability
Operational
Node            Node            Status          Status          Status
-----
cluster1-01     cluster1-01     in-quorum       true
operational
cluster1-02     cluster1-02     in-quorum       true
operational
2 entries were displayed.

cluster1::*> cluster kernel-service show -instance
Master Node: cluster1-01
      Cluster Node: cluster1-01
      Quorum Status: in-quorum
Availability Status: true
Operational Status: operational
Master Node: cluster1-01
      Cluster Node: cluster1-02
      Quorum Status: in-quorum
Availability Status: true
Operational Status: operational
2 entries were displayed.
```

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