



Manage node attributes

ONTAP 9

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Manage node attributes

Display node attributes

You can display the attributes of one or more nodes in the cluster, for example, the name, owner, location, model number, serial number, how long the node has been running, health state, and eligibility to participate in a cluster.

Steps

1. To display the attributes of a specified node or about all nodes in a cluster, use the `system node show` command.

Example of displaying information about a node

The following example displays detailed information about node1:

```
cluster1::> system node show -node node1
      Node: node1
      Owner: Eng IT
      Location: Lab 5
      Model: model_number
      Serial Number: 12345678
      Asset Tag: -
      Uptime: 23 days 04:42
      NVRAM System ID: 118051205
      System ID: 0118051205
      Vendor: NetApp
      Health: true
      Eligibility: true
      Differentiated Services: false
      All-Flash Optimized: true
      Capacity Optimized: false
      QLC Optimized: false
      All-Flash Select Optimized: false
      SAS2/SAS3 Mixed Stack Support: none
```

Modify node attributes

You can modify the attributes of a node as required. The attributes that you can modify include the node's owner information, location information, asset tag, and eligibility to participate in the cluster.

About this task

A node's eligibility to participate in the cluster can be modified at the advanced privilege level by using the `-eligibility` parameter of the `system node modify` or `cluster modify` command. If you set a node's eligibility to `false`, the node becomes inactive in the cluster.



You cannot modify node eligibility locally. It must be modified from a different node. Node eligibility also cannot be modified with a cluster HA configuration.



You should avoid setting a node's eligibility to `false`, except for situations such as restoring the node configuration or prolonged node maintenance. SAN and NAS data access to the node might be impacted when the node is ineligible.

Steps

1. Use the `system node modify` command to modify a node's attributes.

Example of modifying node attributes

The following command modifies the attributes of the “node1” node. The node's owner is set to “Joe Smith” and its asset tag is set to “js1234”:

```
cluster1::> system node modify -node node1 -owner "Joe Smith" -assettag js1234
```

Rename a node

You can change a node's name as required.

Steps

1. To rename a node, use the `system node rename` command.

The `-newname` parameter specifies the new name for the node. The `system node rename` man page describes the rules for specifying the node name.

If you want to rename multiple nodes in the cluster, you must run the command for each node individually.



Node name cannot be “all” because “all” is a system reserved name.

Example of renaming a node

The following command renames node “node1” to “node1a”:

```
cluster1::> system node rename -node node1 -newname node1a
```

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