



Storage Virtualization Commands

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cluster datastore intdatastore

To create a cluster, to do a cold migration of VMs, use the **cluster datastore intdatastore** command in privileged EXEC mode. To delete a cluster, use the no form of the command.

```
cluster cluster name { datastore [ intdatastore | extdatastore1 | extdatastore2 ] | size size number
| node ipv4 address address-type ipv4 | node ipv4 address address-type ipv4 | node ipv4 address address-type
ipv4 }
```

```
no cluster cluster name
```

Syntax Description

cluster <i>cluster name</i>	Specifies the name of the cluster.
datastore <i>intdatastore</i> <i>extdatastore1</i> <i>extdatastore2</i>	Specifies the datastore to be selected for creating a cluster.
size <i>size number</i>	Specifies the size of the datastore.
node	Specifies the address and address type of the device in the cluster.



Note Three nodes must be added to the configuration, for the commit to be successful.

Command Default

None

Command Modes

Privileged EXEC (#)

Command History

Release	Modification
4.8.1	This command was introduced.

Example

```
nfvis(config)# cluster cluster1 datastore intdatastore size 10
nfvis(config-cluster-test)#node 209.165.200.225 address-type ipv4
nfvis(config-node-209.165.200.254)#exit
nfvis(config-cluster-test)#node 209.165.201.31 address-type ipv4
nfvis(config-node-209.165.200.224)#exit
nfvis(config-cluster-test)#node 209.165.201.1 address-type ipv4
nfvis(config-node-209.165.202.129)#commit
```

cluster migrate-deployment

To migrate deployments from a source node to a destination node, use the **cluster migrate-deployment** command in privileged EXEC mode.

```
cluster cluster name { migrate-deployment | source-node ip address | destination node ip address [ | all-deployments | deployment-list ] }
```

Syntax Description	cluster <i>cluster name</i>	Specifies the cluster in which the deployments must be migrated.
	source-node <i>ip address</i>	Specifies the node from which the deployment must be migrated.
	destination node <i>ip address</i>	Specifies the node to which the deployment must be migrated.
	all-deployments	Specifies that all deployments in the cluster need to be migrated.
	deployment-list	Specifies the deployments to be migrated.

Command Default None

Command Modes Privileged EXEC (#)

Command History	Release	Modification
	4.8.1	This command was introduced.

Example

```
nfvvis# cluster test migrate-deployment source-node 209.165.200.225 destination-node
209.165.201.31 all-deployments

nfvvis# cluster test migrate-deployment source-node 209.165.200.225 destination-node
209.165.201.31 deployment-list [ centosvm4 centosvm5 ]
```

