

OpenStack: How do I enable DVR (Distributed Virtual Routing) in Openstack?

To enable DVR (Distributed Virtual Routing) in OpenStack, make the following changes to Bright.

```
[cluster]% openstack
[cluster->openstack[default]]% settings
[cluster->openstack[default]->settings]% networking
[cluster->openstack[default]->settings->networking]% set enabledistributedrouters yes
[cluster->openstack*[default*]->settings*->networking*]% commit
```

```
[cluster->device]% configurationoverlay
[cluster->configurationoverlay]% use openstackhypervisors
[cluster->configurationoverlay[OpenStackHypervisors]]% roles
[cluster->configurationoverlay[OpenStackHypervisors]->roles]% use openstack::networkovsagent
[cluster->configurationoverlay[OpenStackHypervisors]->roles[OpenStack::NetworkOVSAgent]]% set enabledistributedrouters yes
[cluster->configurationoverlay*[OpenStackHypervisors*]->roles*[OpenStack::NetworkOVSAgent*]]% commit
```

```
[cluster]% configurationoverlay
[cluster->configurationoverlay]% use openstacknetworknodes
[cluster->configurationoverlay[OpenStackNetworkNodes]]% roles
[cluster->configurationoverlay[OpenStackNetworkNodes]->roles]% use openstack::networkl3agent
[cluster->configurationoverlay[OpenStackNetworkNodes]->roles[OpenStack::NetworkL3Agent]]% set agentmode dvr
[cluster->configurationoverlay*[OpenStackNetworkNodes*]->roles*[OpenStack::NetworkL3Agent*]]% commit
```

Once the above changes are completed, we recommended rebooting the network and hypervisor nodes.

Unique solution ID: #1433

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