Installing the Horizon Dashboard

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Objectives

Horizon Dashboard Service

Install Horizon on Controller

Configure Horizon

Visit the Dashboard

OpenStack Operating System

Horizon

Dashboard Service

Horizon gives Graphical Management to the Openstack Operating System opening up to real self-service access.

The minimum Openstack Services that need to exist for Horizon to operate are:

Nova
Keystone
Glance
Neutron

This is exactly where we are at in our deployment

apt-get install -y openstack-dashboard

Install Horizon on the Controller Node

/etc/openstack-dashboard/local_settings.py

service apache2 reload

Horizon Configuration File

 Take care to maintain indent levels of 4 spaces in this file. It is written in Python where indent levels are used to block code.

Install and Configure the Horizon Dashboard
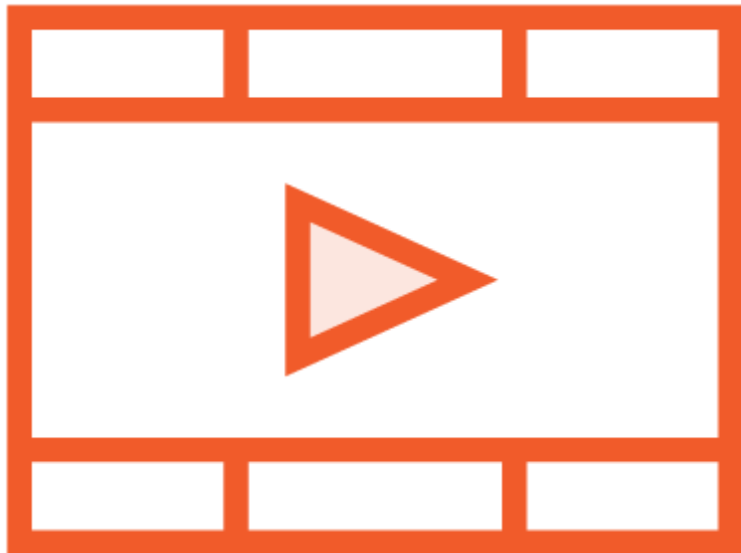
http://controller/horizon

Access the Dashboard

Use the default domain and admin or demo accounts. The passwords we have used are Password1

If you are using NAT on VirtualBox you may need another Desktop Virtual Machine on the same NAT to access the controller

Access the Dashboard

Horizon is the Dashboard for Openstack

Install on Controller or dedicated node

The package is openstack-dashboard

Configure with the python script local_settings.py. This is in the /etc/openstack-dashboard folder

Restart the web server

The URL is http://controller/horizon

Next up: Installing Cinder
the Volume Service