

26th june

The screenshot shows a Windows desktop environment with a taskbar at the bottom. The taskbar includes a search bar, pinned icons for File Explorer, Mail, and Google Chrome, and system status indicators for battery level, signal strength, and language (ENG). The date is 26-06-2020.

OpenStack Dashboard Login Page:

- URL: <http://192.168.43.186/dashboard/auth/login/?next=/dashboard/>
- Header: Not secure | 192.168.43.186/dashboard/auth/login/?next=/dashboard/
- Content: RED HAT OPENSTACK PLATFORM. A form for User Name and Password with a Connect button. A note: If you are not sure which authentication method to use, contact your administrator.

Google Search Results for 'banking regulatory and security':

- Search term: banking regulatory and security
- Results count: About 14,90,00,000 results (0.41 seconds)
- Links shown:
 - [www.onespan.com › blog › top-2020-banking-regulati...](http://www.onespan.com/blog/top-2020-banking-regulati...)
 - Top 2020 Banking Regulations & Security Compliance ...
 - Feb 24, 2020 - Top 2020 Banking Regulations & Security Compliance Requirements. The rapid growth of technology and digitization in the financial industry ...
 - www.corporatecomplianceinsights.com › Featured
 - Best of 2018: Top Banking Regulations & Security ...
 - Dec 31, 2018 - Global regulation and standards expert Mike Magrath presents the top regulations, laws and standards you need to pay attention to. There is a lot ...
- People also ask section:
 - What is regulatory in banking?
 - Which is an example of a banking regulation?
 - What is a regulatory risk?
 - Are banks over regulated?

Deloitte US Page:

- Title: 2020 Banking Regulatory Outlook | Deloitte US
- Page content: Waiting for www.googleadservices.com...
- Page footer: www2.deloitte.com › pages › regulatory › articles › ba... ▾
- Date: 26-06-2020

static ip

```
[root@openstack ~]# ping 8.8.8.8
```

PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.

64 bytes from 8.8.8.8: icmp_seq=1 ttl=114 time=95.1 ms

64 bytes from 8.8.8.8: icmp_seq=2 ttl=114 time=71.7 ms

AC

--- 8.8.8.8 ping statistics ---

2 packets transmitted, 2 received, 0% packet loss, time 1003ms

```
rtt min/avg/max/mdev = 71.715/83.438/95.161/11.723 ms
[root@openstack ~]# ping google.com
PING google.com (172.217.27.174) 56(84) bytes of data.
64 bytes from kix05s07-in-f174.1e100.net (172.217.27.174): icmp_seq=1 ttl=115 time=68.2 ms
64 bytes from kix05s07-in-f174.1e100.net (172.217.27.174): icmp_seq=2 ttl=115 time=81.7 ms
64 bytes from kix05s07-in-f174.1e100.net (172.217.27.174): icmp_seq=3 ttl=115 time=64.2 ms
^C
--- google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3006ms
rtt min/avg/max/mdev = 63.120/69.323/81.763/7.429 ms
[root@openstack ~]# route -n
Kernel IP routing table
Destination     Gateway         Genmask        Flags Metric Ref  Use Iface
0.0.0.0         192.168.43.1   0.0.0.0       UG    0      0    0 enp0s3
169.254.0.0     0.0.0.0       255.255.0.0   U     1002   0    0 enp0s3
192.168.43.0    0.0.0.0       255.255.255.0 U     0      0    0 enp0s3
[root@openstack ~]# cd /etc/sysconfig/network-scripts/
[root@openstack network-scripts]# ls
ifcfg-enp0s3 ifdown-bnep ifdown-ippp ifdown-ovs ifdown-routes ifdown-TeamPort
ifup-aliases ifup-ib ifup-isdn ifup-plusb ifup-routes
ifcfg-lo ifdown-eth ifdown-ipv6 ifdown-post ifdown-sit ifdown-tunnel ifup-bnep
ifup-ippp ifup-ovs ifup-post ifup-sit
[root@openstack network-scripts]# isdn ifdown-ppp ifdown-Team ifup ifup-eth
ifup-ipv6 ifup-plip ifup-ppp ifup-Team
[root@openstack network-scripts]# vi ifcfg-enp0s3
[root@openstack network-scripts]# cat /resolve/conf
cat: /resolve/conf: No such file or directory
[root@openstack network-scripts]# cd ..
[root@openstack sysconfig]# cd ..
[root@openstack etc]# cd ..
[root@openstack /]# cat /etc/resolv.conf
; generated by /usr/sbin/dhclient-script
nameserver 192.168.43.1
[root@openstack /]# cd /etc/sysconfig/network-scripts/
[root@openstack network-scripts]# vim ifcfg-enp0s3
[root@openstack /]# cd /root/
[root@openstack ~]# ls
a.txt kestonerc_admin kestonerc_demo
[root@openstack ~]# ping openstack
PING openstack (192.168.43.186) 56(84) bytes of data.
64 bytes from openstack (192.168.43.186): icmp_seq=1 ttl=64 time=0.050 ms
64 bytes from openstack (192.168.43.186): icmp_seq=2 ttl=64 time=0.045 ms
64 bytes from openstack (192.168.43.186): icmp_seq=3 ttl=64 time=0.074 ms
```

```

^C
--- openstack ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3001ms
rtt min/avg/max/mdev = 0.028/0.049/0.074/0.017 ms
[root@openstack ~]# rpm -qa | grep openstack

```

```

root@openstack~-
a.txt keystonerc_admin keystonerc_demo
[root@openstack ~]# ping openstack
PING openstack (192.168.43.186) 56(84) bytes of data.
64 bytes from openstack (192.168.43.186): icmp_seq=1 ttl=64 time=0.050 ms
64 bytes from openstack (192.168.43.186): icmp_seq=2 ttl=64 time=0.045 ms
64 bytes from openstack (192.168.43.186): icmp_seq=3 ttl=64 time=0.074 ms
^C
--- openstack ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3001ms
rtt min/avg/max/mdev = 0.028/0.049/0.074/0.017 ms
[root@openstack ~]# rpm -qa | grep openstack
python2-openstacksdk-0.11.3-1.el7ost.noarch
openstack-dashboard-theme-13.0-0-1.el7ost.noarch
openstack-nova-conductor-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-openvswitch-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
openstack-glance-16.0.1-2.el7ost.noarch
openstack-nova-migration-17.0.3-0.20180420001141.el7ost.noarch
openstack-nova-common-17.0.2-0.20180421011362.0ec54fd.el7ost.noarch
python2-openstackclient-3.14.1-1.el7ost.noarch
openstack-nova-common-17.0.3-0.20180420001141.el7ost.noarch
openstack-keystone-13.0.1-0.20180420194847.7bd6454.el7ost.noarch
openstack-nova-console-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-m12-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
python-openstackclient-lang-3.14.1-1.el7ost.noarch
openstack-manila-6.0.1-1.el7ost.noarch
openstack-dashboard-13.0.1-0.20180411230905.c51a46e.el7ost.noarch
openstack-nova-api-17.0.3-0.20180420001141.el7ost.noarch
openstack-packstack-puppet-12.0.0-0.20180327155808.90cd9d5.el7ost.noarch
openstack-manila-share-6.0.1-1.el7ost.noarch
openstack-nova-placement-api-17.0.3-0.20180420001141.el7ost.noarch
openstack-nova-compute-17.0.3-0.20180420001141.el7ost.noarch
openstack-nova-novncproxy-17.0.3-0.20180420001141.el7ost.noarch
puppet-openstack1lib-12.4.0-0.20180329042555.4b30e6f.el7ost.noarch
openstack-cinder-12.0.1-0.20180418194614.c476898.el7ost.noarch
openstack-nova-scheduler-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-metering-agent-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
puppet-openstack_extras-12.4.1-0.20180413042250.2634296.el7ost.noarch
openstack-packstack-12.0.0-0.20180327155808.90cd9d5.el7ost.noarch
openstack-selinux-0.8.14-12.el7ost.noarch
openstack-neutron-common-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
[root@openstack ~]#

```

```

root@openstack~-
# the IP address of an existing database server (a MariaDB cluster can
# also be specified).
CONFIG_MARIADB_HOST=192.168.43.186

# User name for the MariaDB administrative user.
CONFIG_MARIADB_USER=root

# Password for the MariaDB administrative user.
CONFIG_MARIADB_PW=22b1058e326141c8

# Password to use for the Identity service (keystone) to access the
# database.
CONFIG_KEYSTONE_DB_PW=f23c011a326c447e

# Enter y if cron job for removing soft deleted DB rows should be
# created.
CONFIG_KEYSTONE_DB_PURGE_ENABLE=True

# Default region name to use when creating tenants in the Identity
# service.
CONFIG_KEYSTONE_REGION=RegionOne

# Token to use for the Identity service API.
CONFIG_KEYSTONE_ADMIN_TOKEN=6ba26cff630149f9854ef29828442ca2

# Email address for the Identity service 'admin' user. Defaults to
CONFIG_KEYSTONE_ADMIN_EMAIL=root@localhost

# User name for the Identity service 'admin' user. Defaults to
# 'admin'.
CONFIG_KEYSTONE_ADMIN_USERNAME=admin

# Password to use for the Identity service 'admin' user.
CONFIG_KEYSTONE_ADMIN_PW=87ab6f4ac2094bb0

# Password to use for the Identity service 'demo' user.
CONFIG_KEYSTONE_DEMO_PW=9a649b0b4d4d46ef

# Identity service API version string. ['v2.0', 'v3']
CONFIG_KEYSTONE_API_VERSION=v3
-- INSERT --

```

RED HAT OPENSTACK PLATFORM

If you are not sure which authentication method to use, contact your administrator.

User Name *

Password *

Connect

You don't have permissions to access:
</dashboard/>

Login as different user or go back to [home page](#)

User Name *

Password *

Connect

The screenshot shows the Red Hat OpenStack Platform dashboard with the URL 192.168.43.186/dashboard/project/. The top navigation bar includes tabs for Project, Identity, Compute, Volumes, and Network. The Compute tab is selected, showing sub-options for Overview, Instances, Images, and Key Pairs. The main content area is titled "Overview" and displays a "Limit Summary" section with six circular progress indicators:

- Instances: Used 0 of 10
- VCPUs: Used 0 of 20
- RAM: Used 0Bytes of 50GB
- Floating IPs: Allocated 0 of 50
- Security Groups: Used 1 of 10
- Volumes: Used 0 of 10

Below this is a "Volume Storage" section showing 0Bytes used of 1000GB.

The "Usage Summary" section allows selecting a time period from 2020-06-25 to 2020-06-26, with a "Submit" button. It also shows active instances (0) and active RAM (0).

The taskbar at the bottom shows various open windows and the date 26-06-2020.

AMI(amazon machine format)

qCOW(openstack)

glance(u can manage the image)

The screenshot shows the Wikipedia page for "OpenStack". The left sidebar contains links such as "What links here", "Related changes", "Special pages", "Permanent link", "Page information", "Wikidata item", "Cite this page", "In other projects", "Wikimedia Commons", "Print/export", "Download as PDF", "Printable version", "Languages", and language options for Arabic, Spanish, Indonesian, Portuguese, and Russian.

The main content area starts with a paragraph about the project's history and community. To the right, there is a summary box with the following information:

Type	Cloud computing
License	Apache License 2.0
Website	www.openstack.org

The main article content includes a "Contents" section with the following outline:

- 1 History
 - 1.1 Historical names
 - 1.2 Release history
- 2 OpenStack development
- 3 Components
 - 3.1 Compute (Nova)
 - 3.2 Networking (Neutron)
 - 3.3 Block storage (Cinder)
 - 3.4 Identity (Keystone)
 - 3.5 Image (Glance)
 - 3.5.1 Images
 - 3.5.2 Metadata Definitions
 - 3.6 Object storage (Swift)
 - 3.7 Dashboard (Horizon)
 - 3.8 Orchestration (Heat)
- 3.9 Workflow (Mistral)

The taskbar at the bottom shows various open windows and the date 26-06-2020.

Instance Overview - OpenStack | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs | OpenStack - Wikipedia

Not secure | 192.168.43.186/dashboard/project/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Overview Instances Images Key Pairs

Project / Compute / Overview

Overview

Limit Summary

Instances Used 0 of 10	VCPUs Used 0 of 20	RAM Used 0Bytes of 50GB	Floating IPs Allocated 0 of 50	Security Groups Used 1 of 10	Volumes Used 0 of 10
Volume Storage Used 0Bytes of 1000GB					

Usage Summary

Select a period of time to query its usage:

192.168.43.186/dashboard/project/images/ format.

Windows Taskbar: Type here to search, Format, E, Mail, File Explorer, Control Panel, Start, Chrome, Firefox, FileZilla, 1903, ENG, 26-06-2020

Images - OpenStack Dashboard | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs | OpenStack - Wikipedia

Not secure | 192.168.43.186/dashboard/project/images/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Overview Instances Images Key Pairs

Project / Compute / Images

Images

Click here for filters.

+ Create Image Delete Images

Displaying 3 items

	Name	Type	Status	Visibility	Protected	Disk Format	Size	Actions
<input type="checkbox"/>	cirros	Image	Active	Public	No	QCOW2	273 bytes	<input type="button" value="Launch"/>
<input type="checkbox"/>	manila-service-image	Image	Active	Public	No	QCOW2	107.13 KB	<input type="button" value="Launch"/>
<input type="checkbox"/>	manila-service-image	Image	Active	Public	No	QCOW2	107.17 KB	<input type="button" value="Launch"/>

Displaying 3 items

192.168.43.186/dashboard/rpdetails/OS-Glance-Image/9acd61f94-5302-459c-a879-db4999b759a5

Windows Taskbar: Type here to search, Format, E, Mail, File Explorer, Control Panel, Start, Chrome, Firefox, FileZilla, 1903, ENG, 26-06-2020

<https://alt.fedoraproject.org/cloud/>

Images - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th June - Google Docs | Untitled document - Google Docs | fedora os image - Google Search

← → C google.com/search?q=fedora+os+image&oq=fedora+os+image&aqs=chrome.6957j0l2.6891j0j7&sourceid=chrome&ie=UTF-8

Google

fedora os image

All Images News Videos Shopping More Settings Tools

About 1,82,00,000 results (0.50 seconds)

getfedora.org ▾

Fedora

Fedora Server is a powerful, flexible **operating system** that includes the best and latest datacenter technologies. It puts you in control of all your infrastructure and ...

Download Fedora Workstation
All you need is a 2GB USB flash drive, and Fedora Media Writer ...

Download Now
Download Fedora 32 Server. Fedora Server is available for ...

Fedora Workstation
Fedora Workstation. This is the Linux workstation you've been ...

Server
Fedora Server. Run applications on bare metal or the cloud with ...

Download Fedora CoreOS
Versions of Fedora CoreOS are battle-tested within the Testing ...

Fedora CoreOS
Fedora CoreOS is an automatically-updating, minimal operating ...

More results from getfedora.org »

Images for fedora os

media writer fedora coreos fedora workstation bootable usb compute engine fedora linux >

Waiting for egs.google.com.

Type here to search

Windows 10 Taskbar: 1907 ENG 26-06-2020

Images - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th June - Google Docs | Untitled document - Google Docs | fedora cloud image - Google Search

← → C google.com/search?ssrf=AleKk01TGxNUjy8uCruXqFr71ICIPUVw%3A1593178620010&ei=_Pn1XoQGt31A53povAJ&q=fedora+cloud+image&oq=fedora+cloud+&gs_lcp=CgZwc3ktYWIQAxgAMgc...

Google

fedora cloud image

All Images Shopping News Videos More Settings Tools

About 1,77,00,000 results (0.33 seconds)

cloud.fedoraproject.org ▾

Fedora Cloud

Fedora Cloud Base **images** are for creating general purpose virtual machines (VMs). You can use the Qcow 2 **image** for use with Openstack or the compressed ...

Cloud Base qcow2
Fedora Cloud Base images are for creating general purpose virtual ...

Fedora 32 Cloud Base images
Fedora Cloud Base Images are for creating general purpose virtual ...

Of /pub/fedora/linux/releases ...
Index of /pub/fedora/linux/releases/31/Cloud/x86_64/images. Icon ...

More results from https://cloud.fedoraproject.org/

fedoraproject.org › wiki › Cloud_Images

Cloud images - Fedora Project Wiki

Jul 2, 2013 - Get **Fedora In the Cloud** includes downloadable **images** for use in OpenStack, Eucalyptus, OpenNebula, or CloudStack, and direct links to ...

docs.openstack.org › image-guide › obtain-images

Get images - OpenStack Docs

The Fedora project maintains a list of official cloud images at Fedora download page. Note. In a **Fedora cloud image**, the login account is fedora . Microsoft ...

https://git.fedoraproject.org/tf/cloud/

Type here to search

Windows 10 Taskbar: 1907 ENG 26-06-2020

Fedora 32 Cloud Base Images

Fedora Cloud Base images are for creating general purpose virtual machines (VMs). You can use the Qcow 2 image for use with Openstack or the compressed raw image. If you are not sure what to use, try the raw image.

	Cloud Base compressed raw image	195MB raw.xz image	Download Verify
	Cloud Base image for Openstack	319MB qcow2 image	Download Verify

Fedora 32 Cloud Base Images for Vagrant

These images are Vagrant Boxes images for deployment using Vagrant. If you're using Vagrant on Mac OS X or Windows, the VirtualBox image is likely the image you'll want to use. If you're using Vagrant on Fedora, use the libvirt/KVM image.

	VirtualBox image	304MB vbox image	Download Verify
	https://download.fedoraproject.org/pub/fedora/linux/releases/32/Cloud/x86_64/images/Fedora-Cloud-Base-32-1.x86_64.qcow2		

Project / Compute / Images

Images

Click here for filters.

Name	Type	Status	Visibility	Protected	Disk Format	Size
cirros	Image	Active	Public	No	QCOW2	273 bytes
manila-service-image	Image	Active	Public	No	QCOW2	107.13 KB
manila-service-image	Image	Active	Public	No	QCOW2	107.17 KB

Fedora Cloud - qcow2
128/289 MB, 54 secs left

Images - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/images

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute

Overview Instances

Project / Compute / Images

Images

Click here for filters.

Displaying 3 items

Name
cirros
manila-service-image
manila-service-image

Displaying 3 items

Create Image

Image Details *

Metadata

Image Details
Specify an image to upload to the Image Service.
Image Name*
Image Description

Image Source

Source Type File

File* Browse...

Format*

Image Requirements

Kernel Choose an image

Ramdisk Choose an image

Architecture Minimum Disk (GB) Minimum RAM (MB)

Create Image **Delete Images**

Fedora Cloud - ...qcow2 151/289 MB, 39 secs left

Type here to search

19:09 26-06-2020

Images - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/images

RED HAT OPENSTACK PLATFORM Project Help demo

Project Compute

Overview Instances

Project / Compute / Images

Images

Click here for filters.

Displaying 3 items

Name
cirros
manila-service-image
manila-service-image

Displaying 3 items

Create Image

Image Details *

Metadata

Image Details
Specify an image to upload to the Image Service.
Image Name* fedorlinux32
Image Description fedora qcow2

Image Source

Source Type File

File* Fedora-Cloud-Base-32-1.6.x86_64.qcc

Format* QCOW2 - QEMU Emulator

Image Requirements

Kernel Choose an image

Ramdisk Choose an image

Architecture Minimum Disk (GB) 0 Minimum RAM (MB) 0

Create Image **Delete Images**

Fedora-Cloud - ...qcow2 151/289 MB, 39 secs left

Type here to search

19:10 26-06-2020

Images - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs | Fedora Cloud

Not secure | 192.168.43.186/dashboard/project/images

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Overview Instances Images Key Pairs

Project / Compute / Images

Images

Click here for filters. + Create Image Delete Images

Displaying 4 items

Name	Type	Status	Visibility	Protected	Disk Format	Size	Actions
cirros	Image	Active	Public	No	QCOW2	273 bytes	<button>Launch</button>
fedoralinux32	Image	Saving	Private	No	QCOW2		<button>Delete Image</button>
manila-service-image	Image	Active	Public	No	QCOW2	107.13 KB	<button>Launch</button>
manila-service-image	Image	Active	Public	No	QCOW2	107.17 KB	<button>Launch</button>

Displaying 4 items

Fedora-Cloud-...qcow2 Show all

Type here to search

```
root@openstack:~#
64 bytes from openstack (192.168.43.186): icmp_seq=3 ttl=64 time=0.074 ms
^C
--- openstack ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3001ms
rtt min/avg/max/mdev = 0.028/0.049/0.074/0.017 ms
[root@openstack ~]# rpm -qa | grep openstack
python2-openstacksdk-0.11.3-1.el7ost.noarch
openstack-dashboard-theme-13.0.0-1.el7ost.noarch
openstack-nova-conductor-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-openvswitch-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
openstack-glance-16.0.1-2.el7ost.noarch
openstack-nova-migration-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
python2-openstackclient-3.14.1-1.el7ost.noarch
openstack-nova-common-17.0.3-0.20180420001141.el7ost.noarch
openstack-keystone-13.0.1-0.20180420194847.7bd6454.el7ost.noarch
openstack-nova-console-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-m12-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
python2-openstackclient-lang-3.14.1-1.el7ost.noarch
openstack-manila-6.0.1-1.el7ost.noarch
openstack-dashboard-13.0.1-0.20180411230905.c51a46e.el7ost.noarch
openstack-nova-api-17.0.3-0.20180420001141.el7ost.noarch
openstack-packstack-puppet-12.0.0-0.20180327155808.90cd9d5.el7ost.noarch
openstack-manila-share-6.0.1-1.el7ost.noarch
openstack-nova-placement-api-17.0.3-0.20180420001141.el7ost.noarch
openstack-nova-compute-17.0.3-0.20180420001141.el7ost.noarch
openstack-nova-novncproxy-17.0.3-0.20180420001141.el7ost.noarch
puppet-openstack-lib-12.4.0-0.20180329042555.4b30e6f.el7ost.noarch
openstack-cinder-12.0.1-0.20180418194614.c476898.el7ost.noarch
openstack-nova-scheduler-17.0.3-0.20180420001141.el7ost.noarch
openstack-neutron-metering-agent-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
puppet-openstack_extras-12.4.1-0.20180413042250.2634296.el7ost.noarch
openstack-packstack-12.0.0-0.20180327155808.90cd9d5.el7ost.noarch
openstack-selinux-0.8.14-12.el7ost.noarch
openstack-neutron-common-12.0.2-0.20180421011362.0ec54fd.el7ost.noarch
[root@openstack ~]# ls
a.txt keystonerc_admin keystonerc_demo
[root@openstack ~]# vim a.txt
[root@openstack ~]# glance image-list
You must provide a username via either --os-username or env[OS_USERNAME]
[root@openstack ~]# glance image-list
```

Type here to search

```
root@openstack:~# python2-openstackclient-3.14.1-1.e17ost.noarch
openstack-nova-common-17.0.3-0.20180420001141.e17ost.noarch
openstack-keystone-13.0.1-0.20180420194847.7bd6454.e17ost.noarch
openstack-nova-console-17.0.3-0.20180420001141.e17ost.noarch
openstack-neutron-ml2-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
python-openstackClient-lang-3.14.1-1.e17ost.noarch
openstack-manila-6.0.1-1.e17ost.noarch
openstack-dashboard-13.0.1-0.20180411230905.c51a46e.e17ost.noarch
openstack-packstack-puppet-12.0.0-0.20180327155808.90cd9d5.e17ost.noarch
openstack-manila-share-6.0.1-1.e17ost.noarch
openstack-nova-placement-api-17.0.3-0.20180420001141.e17ost.noarch
openstack-nova-compute-17.0.3-0.20180420001141.e17ost.noarch
openstack-nova-novncproxy-17.0.3-0.20180420001141.e17ost.noarch
puppet-openstackKib-12.4.0-0.20180329042555.4b30e6f.e17ost.noarch
openstack-cinder-12.0.1-0.20180418194614.c476898.e17ost.noarch
openstack-nova-scheduler-17.0.3-0.20180420001141.e17ost.noarch
openstack-neutron-metering-agent-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
puppet-openstack_extras-12.4.1-0.20180413042250.2634296.e17ost.noarch
openstack-packstack-12.0.0-0.20180327155808.90cd9d5.e17ost.noarch
openstack-selinux-0.8.14-12.e17ost.noarch
openstack-neutron-common-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
[root@openstack ~]# ls
a.txt kestonerc_admin kestonerc_demo
[root@openstack ~]# vim a.txt
[root@openstack ~]# glance image-list
You must provide a username via either --os-username or env[OS_USERNAME]
[root@openstack ~]# ls
a.txt kestonerc_admin kestonerc_demo
[root@openstack ~]# cat kestonerc_demo
unset OS_SERVICE_TOKEN
export OS_USERNAME=demo
export OS_PASSWORD='9a649b0b4d4d46ef'
export PS1='[\u@\h \w(keystone_demo)]$ '
export OS_AUTH_URL=http://192.168.43.186:5000/v3

export OS_PROJECT_NAME=demo
export OS_USER_DOMAIN_NAME=Default
export OS_PROJECT_DOMAIN_NAME=Default
export OS_IDENTITY_API_VERSION=3
[root@openstack ~]#
```

```
[root@openstack ~]# glance image-list
```

```
You must provide a username via either --os-username or env[OS_USERNAME]
```

```
[root@openstack ~]# ls
```

```
a.txt kestonerc_admin kestonerc_demo
```

```
[root@openstack ~]# cat kestonerc_demo
```

```
unset OS_SERVICE_TOKEN
```

```
export OS_USERNAME=demo
```

```
export OS_PASSWORD='9a649b0bef'
```

```
export PS1='[\u@\h \W(keystone_demo)]$ '
```

```
export OS_AUTH_URL=http://192.168.43.186:5000/v3
```

```
export OS_PROJECT_NAME=demo
```

```
export OS_USER_DOMAIN_NAME=Default
```

```
export OS_PROJECT_DOMAIN_NAME=Default
```

```
export OS_IDENTITY_API_VERSION=3
```

```
[root@openstack ~]# source kestonerc_demo
```

```
[root@openstack ~(keystone_demo)]#
```

```

root@openstack-
openstack-neutron-m12-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
python-openstackclient-lang-3.14.1-1.e17ost.noarch
openstack-manila-6.0.1-1.e17ost.noarch
openstack-dashboard-13.0.1-0.20180411230905.c51a46e.e17ost.noarch
openstack-nova-api-17.0.3-0.20180420001141.e17ost.noarch
openstack-packstack-puppet-12.0.0-0.20180327155808.90cd9d5.e17ost.noarch
openstack-manila-share-6.0.1-1.e17ost.noarch
openstack-nova-placement-api-17.0.3-0.20180420001141.e17ost.noarch
openstack-nova-compute-17.0.3-0.20180420001141.e17ost.noarch
openstack-nova-novncproxy-17.0.3-0.20180420001141.e17ost.noarch
puppet-openstacklib-12.4.0-0.20180329042555.4b30e6f.e17ost.noarch
openstack-cinder-12.0.1-0.20180418194614.c476898.e17ost.noarch
openstack-nova-scheduler-17.0.3-0.20180420001141.e17ost.noarch
openstack-neutron-metering-agent-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
puppet-openstack_extras-12.4.1-0.20180413042250.2634296.e17ost.noarch
openstack-packstack-12.0.0-0.20180327155808.90cd9d5.e17ost.noarch
openstack-selinux-0.8.14-12.e17ost.noarch
openstack-neutron-common-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
[root@openstack ~]# ls
a.txt keystonec_admin keystonec_demo
[root@openstack ~]# vim a.txt
[root@openstack ~]# glance image-list
You must provide a username via either --os-username or env[OS_USERNAME]
[root@openstack ~]# ls
a.txt keystonec_admin keystonec_demo
[root@openstack ~]# cat keystonec_demo
unset OS_SERVICE_TOKEN
export OS_USERNAME=demo
export OS_PASSWORD='9a649b0b4d4d46ef'
export PS1='[\u@\h \w(keystone_demo)]\$ '
export OS_AUTH_URL=http://192.168.43.186:5000/v3

export OS_PROJECT_NAME=demo
export OS_USER_DOMAIN_NAME=Default
export OS_PROJECT_DOMAIN_NAME=Default
export OS_IDENTITY_API_VERSION=3
[root@openstack ~]#

```

Windows taskbar: Type here to search, File, Open, Save, Mail, Copy, Paste, Task View, Start, Stop, Network, ENG, 19:14, 26-06-2020


```

root@openstack-
puppet-openstacklib-12.4.0-0.20180329042555.4b30e6f.e17ost.noarch
openstack-cinder-12.0.1-0.20180418194614.c476898.e17ost.noarch
openstack-nova-scheduler-17.0.3-0.20180420001141.e17ost.noarch
openstack-neutron-metering-agent-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
puppet-openstack_extras-12.4.1-0.20180413042250.2634296.e17ost.noarch
openstack-packstack-12.0.0-0.20180327155808.90cd9d5.e17ost.noarch
openstack-selinux-0.8.14-12.e17ost.noarch
openstack-neutron-common-12.0.2-0.20180421011362.0ec54fd.e17ost.noarch
[root@openstack ~]# ls
a.txt keystonec_admin keystonec_demo
[root@openstack ~]# vim a.txt
[root@openstack ~]# glance image-list
You must provide a username via either --os-username or env[OS_USERNAME]
[root@openstack ~]# ls
a.txt keystonec_admin keystonec_demo
[root@openstack ~]# cat keystonec_demo
unset OS_SERVICE_TOKEN
export OS_USERNAME=demo
export OS_PASSWORD='9a649b0b4d4d46ef'
export PS1='[\u@\h \w(keystone_demo)]\$ '
export OS_AUTH_URL=http://192.168.43.186:5000/v3

export OS_PROJECT_NAME=demo
export OS_USER_DOMAIN_NAME=Default
export OS_PROJECT_DOMAIN_NAME=Default
export OS_IDENTITY_API_VERSION=3
[root@openstack ~]# source keystonec_demo
[root@openstack ~(keystone_demo)]# glance image-list
+-----+-----+
| ID      | Name   |
+-----+-----+
| 9a4fb1f2-cc9d-4d0f-8383-6122cac3b648 | cirros
| 8973f335-c91b-4eca-8055-3d6e9bca3ee | fedoralinux32
| 57a13fd9-548a-442f-a4b4-c4eefbe35047 | manila-service-image
| 9ad616c4-5302-459c-a879-cb4999b759a5 | manila-service-image
+-----+-----+
[root@openstack ~(keystone_demo)]# |

```

Windows taskbar: Type here to search, File, Open, Save, Mail, Copy, Paste, Task View, Start, Stop, Network, ENG, 19:15, 26-06-2020

Images - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs

Not secure | 192.168.43.186/dashboard/project/images

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Overview Instances Images Key Pairs

Project / Compute / Images

Images

Click here for filters.

+ Create Image Delete Images

Displaying 4 items

Name	Type	Status	Visibility	Protected	Disk Format	Size	Actions
cirros	Image	Active	Public	No	QCOW2	273 bytes	Launch
federalinux32	Image	Active	Private	No	QCOW2	288.81 MB	Launch
manila-service-image	Image	Active	Public	No	QCOW2	107.13 KB	Launch
manila-service-image	Image	Active	Public	No	QCOW2	107.17 KB	Launch

Displaying 4 items

Images - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs

Not secure | 192.168.43.186/dashboard/ngdetails/OS:Glance:Image/8973f335-c91b-4eca-8055-3d6e9bbca3ee

Overview Instances Images Key Pairs

Project / Compute / Images

Back

federalinux32

Launch

Image

ID	8973f335-c91b-4eca-8055-3d6e9bbca3ee
Type	
Status	Active
Size	288.81 MB
Min. Disk	0
Min. RAM	0
Disk Format	QCOW2
Container Format	BARE
Created At	6/26/20 7:10 PM
Updated At	6/26/20 7:10 PM

Security

Owner	b5a44a86c0b94aceab92aaac453fb80d
Filename	
Visibility	Private
Protected	No
Checksum	9ba41708fdc7d21a829e3836242f56d6

Custom Properties

schema	/v2/schemas/image
Virtual Size	
Description	fedora qcow 2
file	/v2/images/8973f335-c91b-4eca-8055-3d6e9bbca3ee/file
Tags	

Type here to search

Images - OpenStack Dashboard | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs +

Not secure | 192.168.43.186/dashboard/ngdetails/OS:Image/8973f335-c91b-4eca-8055-3d6e9bbca3ee

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Overview Instances Images Key Pairs

Project / Compute / Images

Back

federalinux32

[Launch](#)

Image		Security	
ID	8973f335-c91b-4eca-8055-3d6e9bbca3ee	Owner	b5a44a86c0b94aceab92aaac453f880d
Type	-	Filename	-
Status	Active	Visibility	Private
Size	288.81 MB	Protected	No
Min. Disk	0	Checksum	9ba41708fdc7d21a829e3836242f56d6
Min. RAM	0		
Disk Format	QCOW2		
Container Format	BARE		
Created At	6/26/20 7:10 PM		
Updated At	6/26/20 7:10 PM		

Custom Properties

schema /v2/schemas/Image

Virtual Size

Type here to search

root@openstack:~# export OS_PROJECT_DOMAIN_NAME=Default
 root@openstack:~# export OS_IDENTITY_API_VERSION=3
 [root@openstack ~]# source keystonerc_demo
 [root@openstack ~]# glance image-list
 +-----+-----+
 | ID | Name |
 +-----+-----+
9a4fb1f2-cc9d-4d0f-8383-6122cac3b648	cirros
8973f335-c91b-4eca-8055-3d6e9bbca3ee	federalinux32
57a13fd9-548a-442f-a4b4-c4eefbe35047	manila-service-image
9ad616c4-5302-459c-a879-cb4999b759a5	manila-service-image
+-----+-----+	
[root@openstack ~]# glance image-show federalinux32	
404 Not Found: No image found with ID federalinux32 (HTTP 404)	
[root@openstack ~]# glance image-show 8973f335-c91b-4eca-8055-3d6e9bbca3ee	
+-----+	
Property	Value
+-----+-----+	
checksum	9ba41708fdc7d21a829e3836242f56d6
container_format	bare
created_at	2020-06-26T13:40:35Z
description	fedora qcow 2
disk_format	qcow2
id	8973f335-c91b-4eca-8055-3d6e9bbca3ee
min_disk	0
min_ram	0
name	federalinux32
owner	b5a44a86c0b94aceab92aaac453f880d
protected	False
size	302841856
status	active
tags	[]
updated_at	2020-06-26T13:40:37Z
virtual_size	None
visibility	private
 +-----+
 [root@openstack ~]#

Instances

Instance Name	Image Name	IP Address	Flavor	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
No items to display.										

```
[root@openstack ~]# glance image-list
+---+-----+-----+
| ID          | Name      |
+---+-----+-----+
| 9aa4fb1f2-cc9d-4d0f-8383-6122ca3b648 | cirros    |
| 8973f335-c91b-4eca-8055-3d6e9bbca3ee | fedoralinu32 |
| 57a13fd9-548a-442f-a4b4-c4eefbe35047 | manila-service-image |
| 9ad616c4-5302-459c-a879-cb4999b759a5 | manila-service-image |
+---+-----+-----+
[root@openstack ~]# glance image-show 8973f335-c91b-4eca-8055-3d6e9bbca3ee
+-----+-----+
| Property   | Value    |
+-----+-----+
| checksum   | 9ba41708fdc7d21a829e3836242f56d6 |
| container_format | bare |
| created_at | 2020-06-26T13:40:35Z |
| description | fedora qcow 2 |
| disk_format | qcow2 |
| id         | 8973f335-c91b-4eca-8055-3d6e9bbca3ee |
| min_disk   | 0 |
| min_ram   | 0 |
| name       | fedoralinu32 |
| owner      | b5a44a86c0b94aceab92aaac453f880d |
| protected  | False |
| size       | 302841856 |
| status     | active |
| tags       | [] |
| updated_at | 2020-06-26T13:40:37Z |
| virtual_size | None |
| visibility | private |
+-----+-----+
[root@openstack ~]# nova list
+---+-----+-----+-----+-----+
| ID | Name | Status | Task State | Power State | Networks |
+---+-----+-----+-----+-----+
+---+-----+-----+-----+-----+
[root@openstack ~]#
```

flavour (like instance)

In os lab is known as subnet

```
# Email address for the Identity service 'admin' user. Defaults to
CONFIG_KEYSTONE_ADMIN_EMAIL=root@localhost

# User name for the Identity service 'admin' user. Defaults to
# 'admin'.
CONFIG_KEYSTONE_ADMIN_USERNAME=admin

# Password to use for the Identity service 'admin' user.
CONFIG_KEYSTONE_ADMIN_PW=87ab6f4ac2094bb0

# Password to use for the Identity service 'demo' user.
CONFIG_KEYSTONE_DEMO_PW=9a649b0b4d4d46ef

# Identity service API version string. ['v2.0', 'v3']
CONFIG_KEYSTONE_API_VERSION=v3

# Identity service token format (UUID, PKI or FERNET). The
# recommended format for new deployments is FERNET. ['UUID', 'PKI',
# 'FERNET']
CONFIG_KEYSTONE_TOKEN_FORMAT=FERNET

# Type of Identity service backend (sql or ldap). ['sql', 'ldap']
CONFIG_KEYSTONE_IDENTITY_BACKEND=sql

# URL for the Identity service LDAP backend.
CONFIG_KEYSTONE_LDAP_URL=ldap://192.168.43.186

# User DN for the Identity service LDAP backend. Used to bind to the
# LDAP server if the LDAP server does not allow anonymous
# authentication.
CONFIG_KEYSTONE_LDAP_USER_DN=

# User DN password for the Identity service LDAP backend.
CONFIG_KEYSTONE_LDAP_USER_PASSWORD=
```

318,0-1 23%

Type here to search

Windows Start button

OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th June - Google Docs | Untitled document - Google Docs

Not secure | 192.168.43.186/dashboard/auth/login/

redhat.

RED HAT OPENSTACK PLATFORM

If you are not sure which authentication method to use, contact your administrator.

User Name *

Password *

Connect

Windows Start button

Type here to search

1923 ENG 26-06-2020

Projects - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th June - Google Docs | Untitled document - Google Docs | +

Not secure | 192.168.43.186/dashboard/identity/

RED HAT OPENSTACK PLATFORM Project Admin Identity

Project Help admin

Identity / Projects

Projects

Displaying 3 items

<input type="checkbox"/>	Name	Description	Project ID	Domain Name	Enabled	Actions
<input type="checkbox"/>	services	Tenant for the openstack services	a4cab7b790a4dbca97b5b30239ede09	Default	Yes	<button>Manage Members</button>
<input type="checkbox"/>	demo	default tenant	b5a44a86c0b94aceab92aac453f880d	Default	Yes	<button>Manage Members</button>
<input type="checkbox"/>	admin	admin tenant	ca8a1f044fae436fb0c08a4faf6321e	Default	Yes	<button>Manage Members</button>

Displaying 3 items

192.168.43.186/dashboard/admin/

Type here to search

Usage Overview - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th June - Google Docs | Untitled document - Google Docs | +

Not secure | 192.168.43.186/dashboard/admin/

RED HAT OPENSTACK PLATFORM Project Admin Identity

Project Help admin

Admin Compute Volume Network System

Overview Hypervisors

Admin / Compute Overview Hypervisors

Instances Host Aggregates

Flavors

Images

Usage Summary

Select a period of time to query its usage:

The date should be in YYYY-MM-DD format.

2020-06-25 to 2020-06-26 Submit

Active Instances: 0

Active RAM: 0 Bytes

This Period's VCPU-Hours: 0

This Period's GB-Hours: 0

This Period's RAM-Hours: 0

192.168.43.186/dashboard/admin/flavors/

Type here to search

Flavors - OpenStack Dashboard | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs +

Not secure | 192.168.43.186/dashboard/admin/flavors/

RED HAT OPENSTACK PLATFORM Project Admin Identity

Admin Compute Volume Network System

Hypervisors Host Aggregates Instances Flavors Images

Admin / Compute / Flavors

Flavors

Displaying 6 items

<input type="checkbox"/>	Flavor Name	VCPUs	RAM	Root Disk	Ephemeral Disk	Swap Disk	RX/TX factor	ID	Public	Metadata	Actions
<input type="checkbox"/>	m1.large	4	8GB	80GB	0GB	0MB	1.0	4	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.manila	1	512MB	0GB	0GB	0MB	1.0	66	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.medium	2	4GB	40GB	0GB	0MB	1.0	3	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.small	1	2GB	20GB	0GB	0MB	1.0	2	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.tiny	1	512MB	1GB	0GB	0MB	1.0	1	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.xlarge	8	16GB	160GB	0GB	0MB	1.0	5	Yes	No	<button>Update Metadata</button>

Displaying 6 items

Flavors - OpenStack Dashboard | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs +

Not secure | 192.168.43.186/dashboard/admin/flavors/

RED HAT OPENSTACK PLATFORM Project Admin Identity

Admin Compute Volume Network System

Hypervisors Host Aggregates Instances Flavors Images

Admin / Compute / Flavors

Flavors

Displaying 6 items

<input type="checkbox"/>	Flavor Name	VCPUs	RAM	Root Disk	Ephemeral Disk	Swap Disk	RX/TX factor	ID	Public	Metadata	Actions
<input type="checkbox"/>	m1.large	4	8GB	80GB	0GB	0MB	1.0	4	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.manila	1	512MB	0GB	0GB	0MB	1.0	66	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.medium	2	4GB	40GB	0GB	0MB	1.0	3	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.small	1	2GB	20GB	0GB	0MB	1.0	2	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.tiny	1	512MB	1GB	0GB	0MB	1.0	1	Yes	No	<button>Update Metadata</button>
<input type="checkbox"/>	m1.xlarge	8	16GB	160GB	0GB	0MB	1.0	5	Yes	No	<button>Update Metadata</button>

Displaying 6 items

The screenshot shows the Red Hat OpenStack Platform dashboard with the URL 192.168.43.186/dashboard/admin/flavors/. The top navigation bar includes tabs for Project, Admin, Identity, Compute, Volume, Network, System, Hypervisors, Host Aggregates, Instances, Flavors (which is selected), and Images. The left sidebar has Admin, Compute, Volume, Network, and System sections. The main content area displays the 'Flavors' section with a table showing 7 items. The table columns are: Flavor Name, vCPUs, RAM, Root Disk, Ephemeral Disk, Swap Disk, RX/TX factor, ID, Public, Metadata, and Actions. The table rows show the following data:

Flavor Name	vCPUs	RAM	Root Disk	Ephemeral Disk	Swap Disk	RX/TX factor	ID	Public	Metadata	Actions
m1 large	4	8GB	80GB	0GB	0MB	1.0	4	Yes	No	<button>Update Metadata</button>
m1 manila	1	512MB	0GB	0GB	0MB	1.0	66	Yes	No	<button>Update Metadata</button>
m1 medium	2	4GB	40GB	0GB	0MB	1.0	3	Yes	No	<button>Update Metadata</button>
m1 small	1	2GB	20GB	0GB	0MB	1.0	2	Yes	No	<button>Update Metadata</button>
m1 tiny	1	512MB	1GB	0GB	0MB	1.0	1	Yes	No	<button>Update Metadata</button>
m1.xlarge	8	16GB	160GB	0GB	0MB	1.0	5	Yes	No	<button>Update Metadata</button>
vimage	2	1GB	10GB	0GB	0MB	1.0	2f3a3db9-2996-454c-a7fa-43b79b42723a	Yes	No	<button>Update Metadata</button>

At the bottom, there is a search bar with the placeholder 'Type here to search' and a system tray with icons for battery, signal, volume, and date/time (19:25, 26-06-2020).

Login - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs | Not secure | 192.168.43.186/dashboard/auth/login/

 redhat

RED HAT OPENSTACK PLATFORM

If you are not sure which authentication method to use, contact your administrator.

User Name * demo

Password * 

Connect

Waiting for 192.168.43.186.

Instance Overview - OpenStack | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs | Not secure | 192.168.43.186/dashboard/project/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Overview Instances Images

Project / Compute / Overview

Overview

Limit Summary

Resource	Used	Total
Instances	0 of 10	
VCPUs	0 of 20	
RAM	0Bytes of 50GB	
Floating IPs	0 of 50	
Security Groups	1 of 10	
Volumes	0 of 10	
Volume Storage	0Bytes of 1000GB	

Network Topology

- Networks
- Routers
- Security Groups
- Floating IPs
- Trunks

Usage Summary

Select a period of time to query its usage:
The date should be in YYYY-MM-DD format.

192.168.43.186/dashboard/project/networks/

usage.csv

Type here to search

Networks - OpenStack Dashboard | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs | +

Not secure | 192.168.43.186/dashboard/project/networks/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Network Topology Networks Routers Security Groups Floating IPs Trunks

Project / Network / Networks

Networks

Displaying 2 items

Name	Subnets Associated	Shared	External	Status	Admin State	Availability Zones	Actions
private	private_subnet 10.0.0.0/24	No	No	Active	UP	nova	Edit Network
public		No	Yes	Active	UP	-	

Displaying 2 items

usage.csv | Show all | X

Type here to search

Network Topology - OpenStack | multi hybrid cloud - Google Drive | 26th june - Google Docs | Untitled document - Google Docs | +

Not secure | 192.168.43.186/dashboard/project/network_topology/

Project / Network / Network Topology

Network Topology

Topology Graph

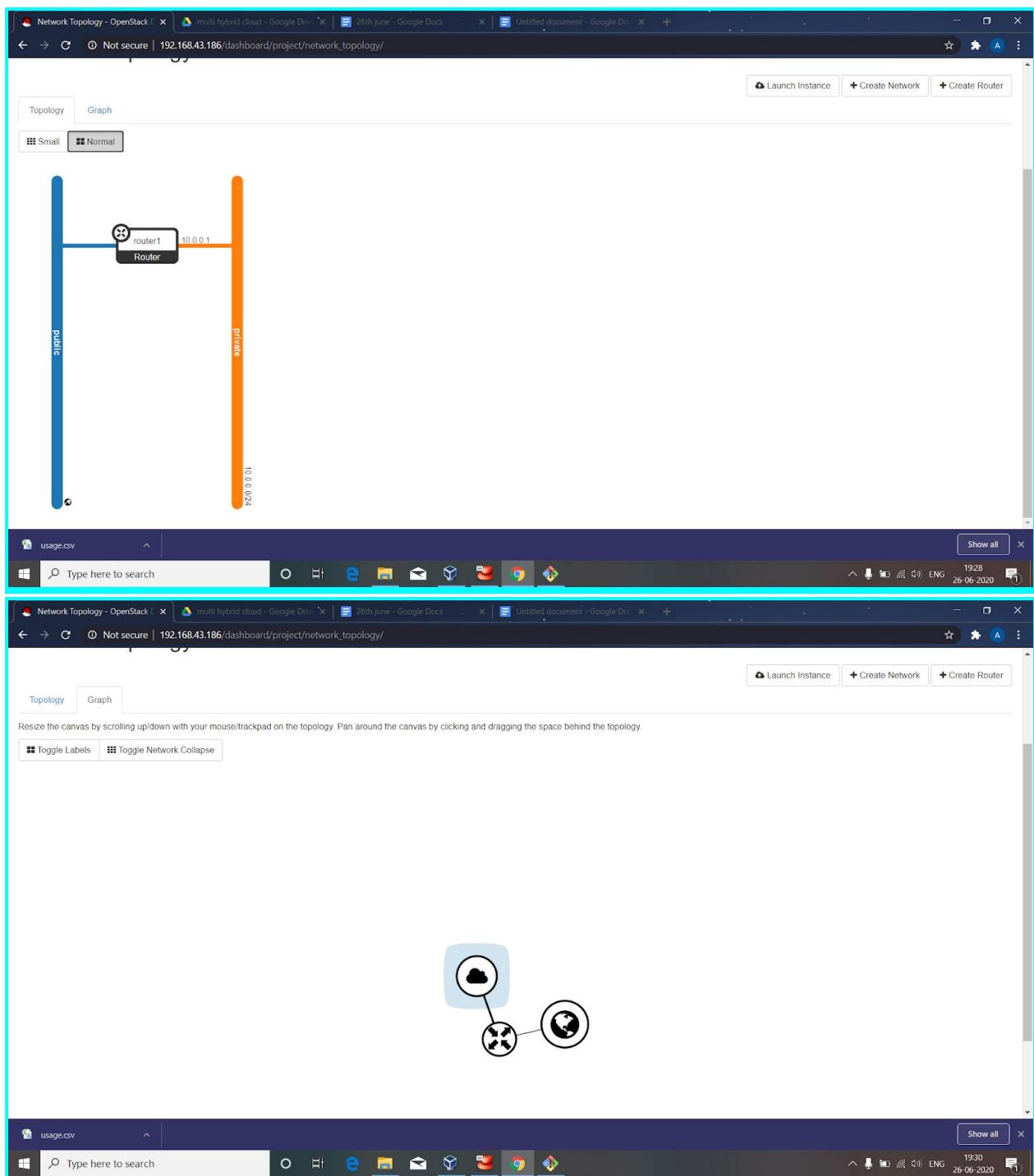
Small Normal

Launch Instance + Create Network + Create Router

usage.csv | Show all | X

Type here to search

10.0.0.0/24



```
root@openstack~#
+----+-----+
| id | 8973f335-c91b-4eca-8055-3d6e9bbca3ee |
+----+-----+
| min_disk | 0 |
| min_ram | 0 |
| name | fedoralinux32 |
| owner | b5a44a86c0b94aceab92aaac453f880d |
| protected | False |
| size | 302841856 |
| status | active |
| tags | [] |
| updated_at | 2020-06-26T13:40:37Z |
| virtual_size | None |
| visibility | private |
+----+-----+
[root@openstack ~(keystone_demo)]# nova list
+----+-----+-----+-----+-----+
| ID | Name | Status | Task State | Power State | Networks |
+----+-----+-----+-----+-----+
+----+-----+-----+-----+-----+
[root@openstack ~(keystone_demo)]# client_loop: send disconnect: Connection reset by peer
user@LAPTOP-BS1QHHQ1 MINGW64 ~/Desktop
$ ssh root@192.168.43.186
root@192.168.43.186's password:
Last login: Fri Jun 26 18:33:39 2020 from laptop-bs1qhhq1
[root@openstack ~]# vim a.txt
[root@openstack ~]# source keystonerc_demo
[root@openstack ~(keystone_demo)]# vim a.txt
[root@openstack ~(keystone_demo)]# nova list
+----+-----+-----+-----+-----+
| ID | Name | Status | Task State | Power State | Networks |
+----+-----+-----+-----+-----+
+----+-----+-----+-----+-----+
[root@openstack ~(keystone_demo)]# free -m
              total        used        free      shared  buff/cache   available
Mem:       7982       6243       440          8       1298      1389
Swap:      5119         0       5119
[root@openstack ~(keystone_demo)]# |
```

The screenshot shows the Red Hat OpenStack Platform dashboard. The main window displays the 'Instances' tab, which lists one instance named 'firstos1'. Below the list is a summary of usage: 0 Current Usage, 1 Added, and 9 Remaining. A modal dialog box titled 'Launch Instance' is open, prompting for details like Instance Name (set to 'firstos1'), Availability Zone (set to 'nova'), and Count (set to '1'). The dialog also includes sections for Source, Flavor, Networks, Network Ports, Security Groups, Key Pair, Configuration, Server Groups, Scheduler Hints, and Metadata. At the bottom of the dialog are 'Cancel', 'Next >', and 'Launch Instance' buttons.

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes

Overview Instances Images

Project / Compute / Instances

Instances

Instance Name	Image Name

Launch Instance

Details

Source *

Flavor *

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Select Boot Source Image Create New Volume Yes No

Volume Size (GB) * 1 Delete Volume on Instance Delete Yes No

Allocated

Name	Updated	Size	Type	Visibility
				Select an item from Available items below

Available

Name	Updated	Size	Type	Visibility
federalinux32	6/26/20 7:10 PM	288.81 MB	qcow2	Private
manila-service-image	6/25/20 10:08 PM	107.13 KB	qcow2	Public
manila-service-image	6/25/20 10:06 PM	107.17 KB	qcow2	Public
cirros	6/25/20 9:58 PM	273 bytes	qcow2	Public

Show all

usage.csv

Type here to search

Project Help demo

Filter Launch Instance

Actions

since created

1932 ENG 26-06-2020

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes

Overview Instances Images

Project / Compute / Instances

Instances

Instance Name	Image Name

Launch Instance

Details

Source *

Flavor *

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Select Boot Source Image Create New Volume Yes No

Volume Size (GB) * 1 Delete Volume on Instance Delete Yes No

Allocated

Name	Updated	Size	Type	Visibility
				Select an item from Available items below

Available

Name	Updated	Size	Type	Visibility
federalinux32	6/26/20 7:10 PM	288.81 MB	qcow2	Private
manila-service-image	6/25/20 10:08 PM	107.13 KB	qcow2	Public
manila-service-image	6/25/20 10:06 PM	107.17 KB	qcow2	Public
cirros	6/25/20 9:58 PM	273 bytes	qcow2	Public

Show all

usage.csv

Type here to search

Project Help demo

Filter Launch Instance

Actions

since created

1932 ENG 26-06-2020

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes

Overview Instances Images

Instances

Instance Name	Image Name

Launch Instance

Details

Source

Flavor *

Networks

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

Allocated

Name	Updated	Size	Type	Visibility
federallinux32	6/26/20 7:10 PM	288.81 MB	qcow2	Private

Available ③

Name	Updated	Size	Type	Visibility
manila-service-image	6/25/20 10:08 PM	107.13 KB	qcow2	Public
manila-service-image	6/25/20 10:06 PM	107.17 KB	qcow2	Public
cirros	6/25/20 9:58 PM	273 bytes	qcow2	Public

Select Boot Source

Create New Volume

Volume Size (GB) *

1

Yes No

Delete Volume on Instance Delete

Yes No

Filter Launch Instance

Actions

usage.csv Show all

Type here to search

1932 ENG 26-06-2020

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes

Overview Instances Images

Instances

Instance Name	Image Name

Launch Instance

Details

Source

Flavor *

Allocated

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public
m1.tiny	1	512 MB	1 GB	1 GB	0 GB	Yes
m1.small	1	2 GB	20 GB	20 GB	0 GB	Yes
v.image	2	1 GB	10 GB	10 GB	0 GB	Yes
m1.medium	2	4 GB	40 GB	40 GB	0 GB	Yes
m1.large	4	8 GB	80 GB	80 GB	0 GB	Yes
m1.xlarge	8	16 GB	160 GB	160 GB	0 GB	Yes
m1.manila	1	512 MB	0 GB	0 GB	0 GB	Yes

Select an item from Available items below

Available ⑦

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public
m1.tiny	1	512 MB	1 GB	1 GB	0 GB	Yes
m1.small	1	2 GB	20 GB	20 GB	0 GB	Yes
v.image	2	1 GB	10 GB	10 GB	0 GB	Yes
m1.medium	2	4 GB	40 GB	40 GB	0 GB	Yes
m1.large	4	8 GB	80 GB	80 GB	0 GB	Yes
m1.xlarge	8	16 GB	160 GB	160 GB	0 GB	Yes
m1.manila	1	512 MB	0 GB	0 GB	0 GB	Yes

Select one

Filter Launch Instance

Actions

usage.csv Show all

Type here to search

1933 ENG 26-06-2020

Instances - OpenStack Dashboard | multi hybrid cloud - Google Docs | 25th june - Google Docs | 26th june - Google Docs | Untitled document - Google Docs

Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes

Overview Instances Images

Project / Compute / Instances

Instances

Instance Name	Image Name
---------------	------------

Launch Instance

Flavors manage the sizing for the compute, memory and storage capacity of the instance.

Allocated

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public
m1 small	1	2 GB	20 GB	20 GB	0 GB	Yes

Available

Name	VCPUS	RAM	Total Disk	Root Disk	Ephemeral Disk	Public
m1 tiny	1	512 MB	1 GB	1 GB	0 GB	Yes
v.image	2	1 GB	10 GB	10 GB	0 GB	Yes
m1 medium	2	4 GB	40 GB	40 GB	0 GB	Yes
m1 large	4	8 GB	80 GB	80 GB	0 GB	Yes
m1 xlarge	8	16 GB	160 GB	160 GB	0 GB	Yes
m1 manila	1	512 MB	0 GB	0 GB	0 GB	Yes

Details Source Flavor Networks Network Ports Security Groups Key Pair Configuration Server Groups Scheduler Hints Metadata

Click here for filters Select one

< Back Next > Launch Instance

usage.csv Show all Minimize

```

root@openstack:~(keystone_demo)]# nova list
+---+---+---+---+---+
| ID | Name | Status | Task State | Power State | Networks |
+---+---+---+---+---+
+---+---+---+---+---+
[root@openstack ~](keystone_demo)]# client_loop: send disconnect: Connection reset by peer

user@LAPTOP-B51QHHQ1 MINGW64 ~/Desktop
$ ssh root@192.168.43.186
root@192.168.43.186's password:
Last login: Fri Jun 26 18:33:39 2020 from laptop-bs1qhhq1
[root@openstack ~]# vim a.txt
[root@openstack ~]# source keystonerc_demo
[root@openstack ~](keystone_demo)]# vim a.txt
[root@openstack ~](keystone_demo)]# nova list
+---+---+---+---+---+
| ID | Name | Status | Task State | Power State | Networks |
+---+---+---+---+---+
+---+---+---+---+---+
[root@openstack ~](keystone_demo)]# free -m
      total     used     free   shared  buff/cache available
Mem:       7982      6243      440        8      1298      1389
Swap:      5119        0      5119
[root@openstack ~](keystone_demo)]# echo 3 > /proc/sys/vm/drop_caches
[root@openstack ~](keystone_demo)]# free -m
      total     used     free   shared  buff/cache available
Mem:       7982      6350      1470        8      161      1376
Swap:      5119        0      5119
[root@openstack ~](keystone_demo)]#

```

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project / Compute / Instances

Instances

Instance Name	Image Name

Launch Instance

Details

Source

Flavor

Networks

Allocated 1

Network	Subnets Associated	Shared	Admin State	Status
private	private_subnet	No	Up	Active

Available 0

Network	Subnets Associated	Shared	Admin State	Status
No available items				

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

< Cancel > Back Next > Launch Instance

usage.csv Type here to search Show all

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project / Compute / Instances

Instances

Instance Name	Image Name

Launch Instance

Details

Source

Flavor

Networks

Allocated 1

Network	Subnets Associated	Shared	Admin State	Status
private	private_subnet	No	Up	Active

Available 0

Network	Subnets Associated	Shared	Admin State	Status
No available items				

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

< Cancel > Back Next > Launch Instance

usage.csv Type here to search Show all

Instances - OpenStack Dashboard | Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Identity

Project / Compute / Instances

Instances

Instance Name	Image Name

Launch Instance

Details

Source

Flavor

Networks

Allocated 1

Network	Subnets Associated	Shared	Admin State	Status
private	private_subnet	No	Up	Active

Available 0

Network	Subnets Associated	Shared	Admin State	Status
No available items				

Network Ports

Security Groups

Key Pair

Configuration

Server Groups

Scheduler Hints

Metadata

< Cancel > Back Next > Launch Instance

usage.csv Type here to search Show all

Instances - OpenStack Dashboard | multi hybrid cloud - Google | 25th-june - Google Docs | 26th june - Google Docs | Untitled document - Google | Network Topology - OpenS | +

Not secure | 192.168.43.186/dashboard/project/network_topology/

Project / Network / Network Topology

Network Topology

Topology Graph

Small Normal

Launch Instance + Create Network + Create Router

usage.csv Show all

Type here to search

Instances - OpenStack Dashboard | multi hybrid cloud - Google | 25th-june - Google Docs | 26th june - Google Docs | Untitled document - Google | Network Topology - OpenS | +

Not secure | 192.168.43.186/dashboard/project/instances/

RED HAT OPENSTACK PLATFORM Project Help demo

Project Compute Volumes Network

Overview Instances Images Key Pairs

Project / Compute / Instances

Instances

Displaying 1 item

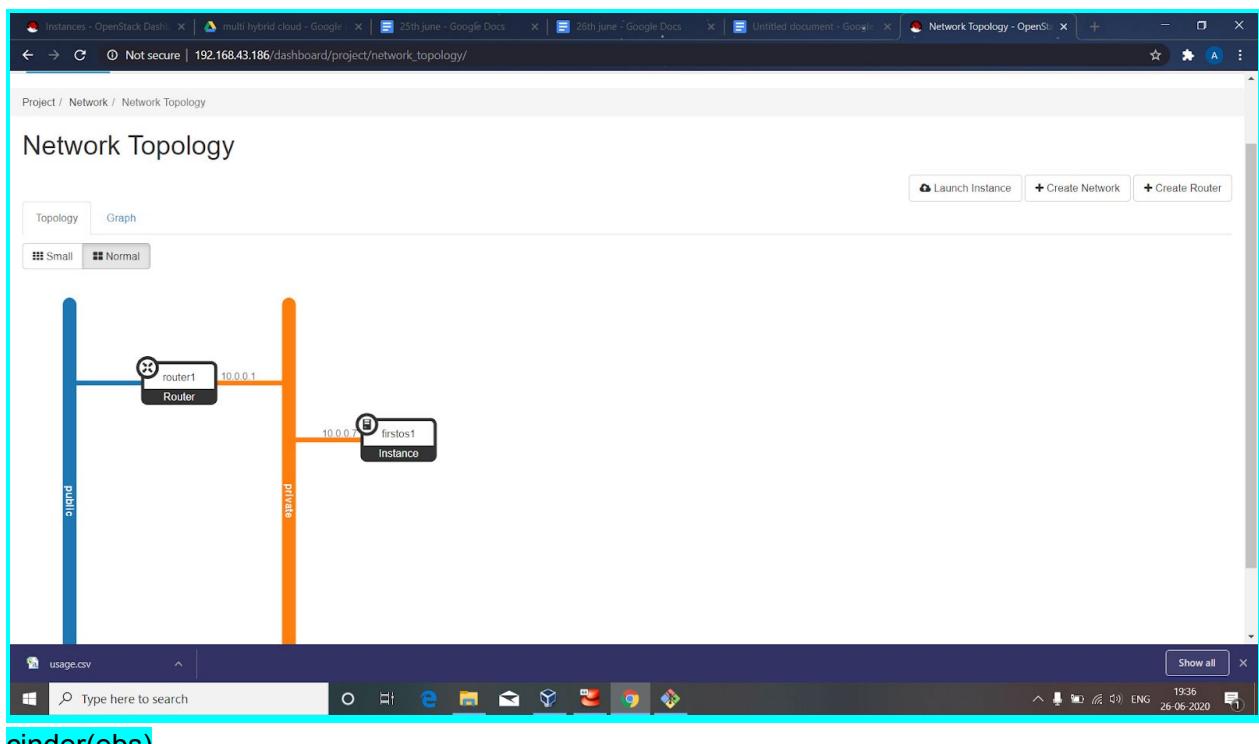
Instance Name	Image Name	IP Address	Flavor	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
firstos1	-	10.0.0.7	m1.small	-	Build	nova	Block Device Mapping	No State	0 minutes	Associate Floating IP

Displaying 1 item

usage.csv Show all

Type here to search

1936 26-06-2020



```

root@openstack:~#
user@LAPTOP-B51QHQL MINGW64 ~/Desktop
$ ssh root@192.168.43.186
root@192.168.43.186's password:
Last login: Fri Jun 26 18:33:39 2020 from laptop-bs1qhhql
[root@openstack ~]# vim a.txt
[root@openstack ~]# source keystonerc_demo
[root@openstack ~(keystone_demo)]# vim a.txt
[root@openstack ~(keystone_demo)]# nova list
+-----+-----+-----+-----+
| ID | Name | Status | Task State | Power State | Networks |
+-----+-----+-----+-----+
+-----+-----+-----+-----+
[root@openstack ~(keystone_demo)]# free -m
              total        used        free      shared  buff/cache   available
Mem:       7982        6243        440          8     1298       1389
Swap:      5119          0       5119
[root@openstack ~(keystone_demo)]# echo 3 > /proc/sys/vm/drop_caches
[root@openstack ~(keystone_demo)]# free -m
              total        used        free      shared  buff/cache   available
Mem:       7982        6350        1470         8       161       1376
Swap:      5119          0       5119
[root@openstack ~(keystone_demo)]# free -m
              total        used        free      shared  buff/cache   available
Mem:       7982        6538        167          8     1277       1106
Swap:      5119          0       5119
[root@openstack ~(keystone_demo)]# echo 3 > /proc/sys/vm/drop_caches
[root@openstack ~(keystone_demo)]# free -m
              total        used        free      shared  buff/cache   available
Mem:       7982        6561        526          8       895       1096
Swap:      5119          0       5119
[root@openstack ~(keystone_demo)]# nova list
+-----+-----+-----+-----+
| ID | Name | Status | Task State | Power State | Networks |
+-----+-----+-----+-----+
| b43c55f5-d782-41f2-b80d-cdfa4f766a6b | firstos1 | ACTIVE | - | Running | private=10.0.0.7 |
+-----+-----+-----+-----+
[root@openstack ~(keystone_demo)]#

```

Type here to search O E G M V S C P N R Network Topology - OpenStack

192.168.43.186 - OpenStack Dashboard multi hybrid cloud - Google Drive 26th june - Google Docs Untitled document - Google Docs Network Topology - OpenStack

Project / Compute / Instances / firstos1

firstos1

Overview Log Console Action Log Create Snapshot

Name	firstos1
Description	-
ID	b43c55f5-d782-41f2-b80d-cdfa4f766a6b
Status	Active
Locked	False
Availability Zone	nova
Created	June 26, 2020, 2:05 p.m.
Time Since Created	2 minutes

Specs

Flavor Name	m1.small
Flavor ID	2
RAM	2GB
VCPUs	1 VCPU
Disk	20GB

IP Addresses

Private	10.0.0.7
---------	----------

192.168.43.186/dashboard/project/instances/b43c55f5-d782-41f2-b80d-cdfa4f766a6b/tabs...

usage.csv Show all

Type here to search O E G M V S C P N R Network Topology - OpenStack

If console is not responding to keyboard input, click the grey status bar below. [Click here to show only console](#)
To exit the fullscreen mode, click the browser's back button.

```
Connected (unencrypted) to: QEMU (instance-00000001)

[ 53.036971] audit: type=1305 audit(15931080463.405:74): op=set audit_enabled=1
old=1 audid=4294967295 ses=4294967295 sub=j-system_u:system_r:sylogd_t:res=1
[ 53.224976] systemd[1]: Started Journal Service.
[ 53.236787] audit: type=1130 audit(15931080463.695:75): pid=1 uid=0 audid=42949
67295 ses=4294967295 sub=j-system_u:system_r:init_t:res=0 msg="unit=system-journal
idle comm='systemd' exe='/usr/lib/systemd/systemd' hostname=? addr=? terminal=? res=
success"
[ 53.293871] systemd-journal[4000]: Received client request to flush runtime j
ournal.
[ 54.198241] audit: type=1130 audit(15931080464.647:76): pid=1 uid=0 audid=42949
67295 ses=4294967295 sub=j-system_u:system_r:init_t:res=0 msg="unit=system-journal-l
flush comm='systemd' exe='/usr/lib/systemd/systemd' hostname=? addr=? terminal=? res=
success"
[ 55.592528] audit: type=1130 audit(15931080466.040:77): pid=1 uid=0 audid=42949
67295 ses=4294967295 sub=j-system_u:system_r:init_t:res=0 msg="unit=system-tmpfiles
-setup comm='systemd' exe='/usr/lib/systemd/systemd' hostname=? addr=? terminal=? res=
success"
[ 56.507974] audit: type=1305 audit(15931080466.956:78): op=set audit_enabled=1
old=1 audid=4294967295 ses=4294967295 sub=j-system_u:system_r:auditd_t:res=1
[ 77.847153] pix4d_smbus 0600:0:0:0:1.3: SMBus Host Controller at 0x700, revisio
n 0
[ 84.179953] cirrus 0000:00:02.0: vgaarb: deactivate vga console
[ 84.298185] Console: switching to colour dummy device 80x25
[ 85.018330] [drm] Initialized cirrus 2.0.0 2019 for 0000:00:02.0 on minor 0
[ 85.508174] fbcon: cirrusdramfb (fb0) is primary device
[ 86.263125] Console: switching to colour frame buffer device 128x48
[ 86.899322] cirrus 0000:00:02.0: fb0: cirrusdramfb frame buffer device
```

usage.csv Show all

firstos1 - OpenStack Dashboard | multi hybrid cloud - Google Dr... | 26th June - Google Docs | Untitled document - Google Docs | Network Topology - OpenStack | +

Not secure | 192.168.43.186/dashboard/project/instances/b43c55f5-d782-41f2-b80d-cdfa4f766a6b/

Send CtrlAltDel

```
Fedora 32 (Cloud Edition)
Kernel 5.6.6-300.fc32.x86_64 on an x86_64 (tty1)

SSH host key: SHA256:zZ3i+PCL0afTJ161Y5+47q0u0DEi9LDkDTLngR6zg (RSA)
SSH host key: SHA256:165x4lG1L1oTx4-Bcd1mVb/1zpMjhe1x5mgj9P4 (ECDSA)
SSH host key: SHA256:pgJlx57luh1k5Ux0xTU6IKBZcNg7e1jhNvU4nGq0g (ED25519)
eth0: 10.8.8.7 fe80::fe01:3eff:fedf:2150
firstos1 login:
```

usage.csv Show all

firstos1 - OpenStack Dashboard | multi hybrid cloud - Google Dr... | 26th June - Google Docs | Untitled document - Google Docs | Network Topology - OpenStack | +

Not secure | 192.168.43.186/dashboard/project/instances/b43c55f5-d782-41f2-b80d-cdfa4f766a6b/

Send CtrlAltDel

firstos1 - OpenStack Dashboard | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs | Network Topology - OpenStack | + | Not secure | 192.168.43.186/dashboard/project/instances/b43c55f5-d782-41f2-b80d-cdfa4f766a6b/

Project / Compute / Instances / firstos1

firstos1

[Create Snapshot](#)

[Overview](#) [Log](#) [Console](#) [Action Log](#)

Name firstos1
Description
ID b43c55f5-d782-41f2-b80d-cdfa4f766a6b
Status Active
Locked False
Availability Zone nova
Created June 26, 2020, 2:05 p.m.
Time Since Created 2 minutes

Specs

Flavor Name	m1.small
Flavor ID	2
RAM	2GB
VCPUs	1 VCPU
Disk	20GB

IP Addresses

Private	10.0.0.7
---------	----------

Security Groups

default	ALLOW IPv6 from default ALLOW IPv6 to ::/0 ALLOW IPv4 from default Allow ICMP from 10.0.0.0/8
---------	--

[usage.csv](#) [Show all](#)

Type here to search

Windows Taskbar: 19:41, ENG, 26-06-2020

Volumes - OpenStack Dashboard | multi hybrid cloud - Google Docs | 26th june - Google Docs | Untitled document - Google Docs | Network Topology - OpenStack | + | Not secure | 192.168.43.186/dashboard/project/volumes/

RED HAT OPENSTACK PLATFORM Project Identity

Project Compute Volumes Network

Volumes Backups Snapshots Consistency Groups Consistency Group Snapshots

Project / Volumes / Volumes

Volumes

Displaying 1 item

<input type="checkbox"/> Name	Description	Size	Status	Type	Attached To	Availability Zone	Bootable	Encrypted	Actions
<input type="checkbox"/> 7db62901-433e-4c43-995b-2e707670cc56	-	20GiB	In-use	iscsi	/dev/vda on firstos1	nova	Yes	No	Edit Volume

Displaying 1 item

Type here to search

Windows Taskbar: 19:42, ENG, 26-06-2020

one vm over other(nested hyper-vistor)

```

root@openstack:~#
Mem:      7982       7658       158          8        166        61
Swap:     5119        107      5012
[root@openstack ~]# nova list
+-----+-----+-----+-----+-----+-----+
| ID   | Name    | Status | Task State | Power State | Networks |
+-----+-----+-----+-----+-----+-----+
| b43c55f5-d782-41f2-b80d-cdfa4f766a6b | firstos1 | ACTIVE | -           | Running    | private=10.0.0.7 |
+-----+-----+-----+-----+-----+-----+
[root@openstack ~]# cinder -help
usage: cinder [-version] [-d] [--service-type <service-type>
                  [--service-name <service-name>
                   [--volume-service-name <volume-service-name>
                    [--os-endpoint-type <os-endpoint-type>
                     [--endpoint-type <endpoint-type>
                      [--os-volume-api-version <volume-api-ver>
                       [--bypass-url <bypass-url>] [--os-endpoint <os-endpoint>
                        [--retries <retries>] [--profile HMAC_KEY] [--insecure]
                        [--os-cacert <ca-certificate>] [--os-cert <certificate>
                         [--os-key <key>] [--timeout <seconds>] [--os-auth-type <name>
                          [--os-auth-url OS_AUTH_URL] [--os-system-scope OS_SYSTEM_SCOPE]
                          [--os-domain-id OS_DOMAIN_ID] [--os-domain-name OS_DOMAIN_NAME]
                          [--os-project-id OS_PROJECT_ID]
                          [--os-project-name OS_PROJECT_NAME]
                          [--os-project-domain-id OS_PROJECT_DOMAIN_ID]
                          [--os-project-domain-name OS_PROJECT_DOMAIN_NAME]
                          [--os-trust-id OS_TRUST_ID]
                          [--os-default-domain-id OS_DEFAULT_DOMAIN_ID]
                          [--os-default-domain-name OS_DEFAULT_DOMAIN_NAME]
                          [--os-user-id OS_USER_ID] [--os-username OS_USERNAME]
                          [--os-user-domain-id OS_USER_DOMAIN_ID]
                          [--os-user-domain-name OS_USER_DOMAIN_NAME]
                          [--os-password OS_PASSWORD] [--os-auth-strategy <auth-strategy>
                           [--os-auth-system <os-auth-system>] [--os-token <token>
                            [--os-url <url>]
error: argument -h/--help: ignored explicit argument u'elp'
Try 'cinder help' for more information.
[root@openstack ~]#

```

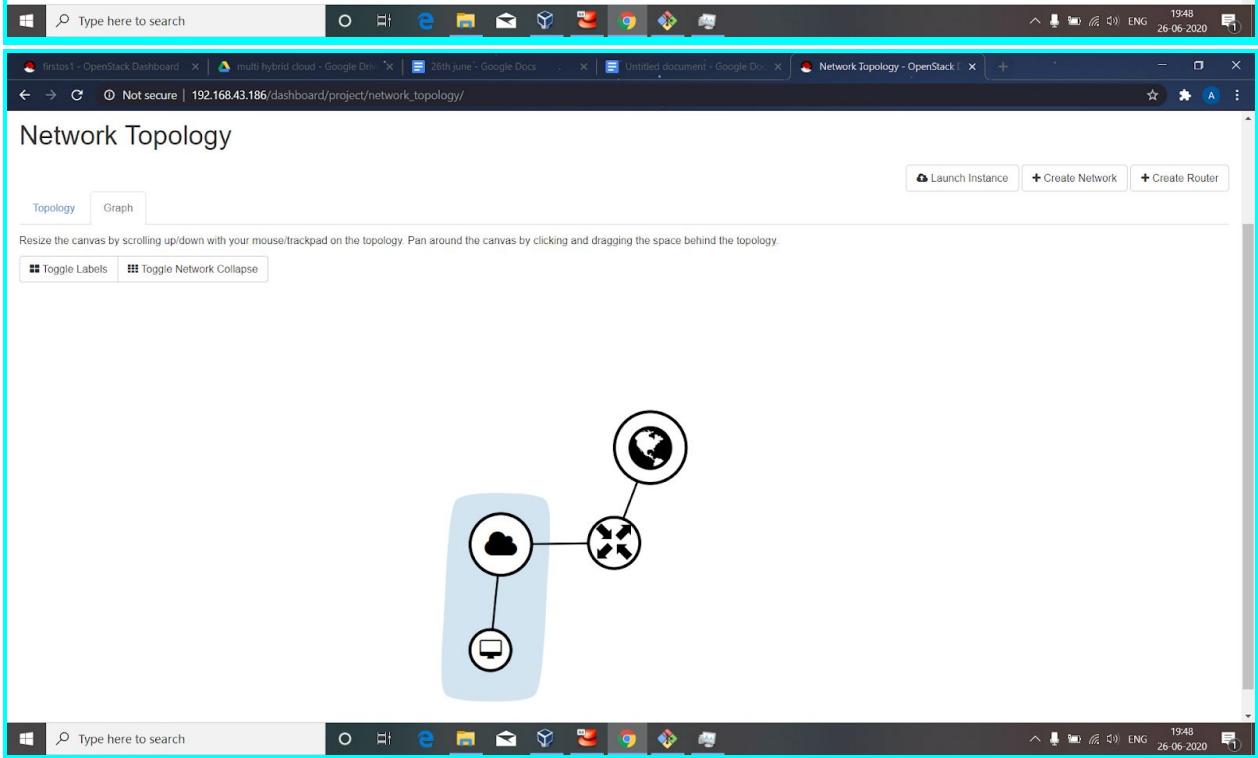
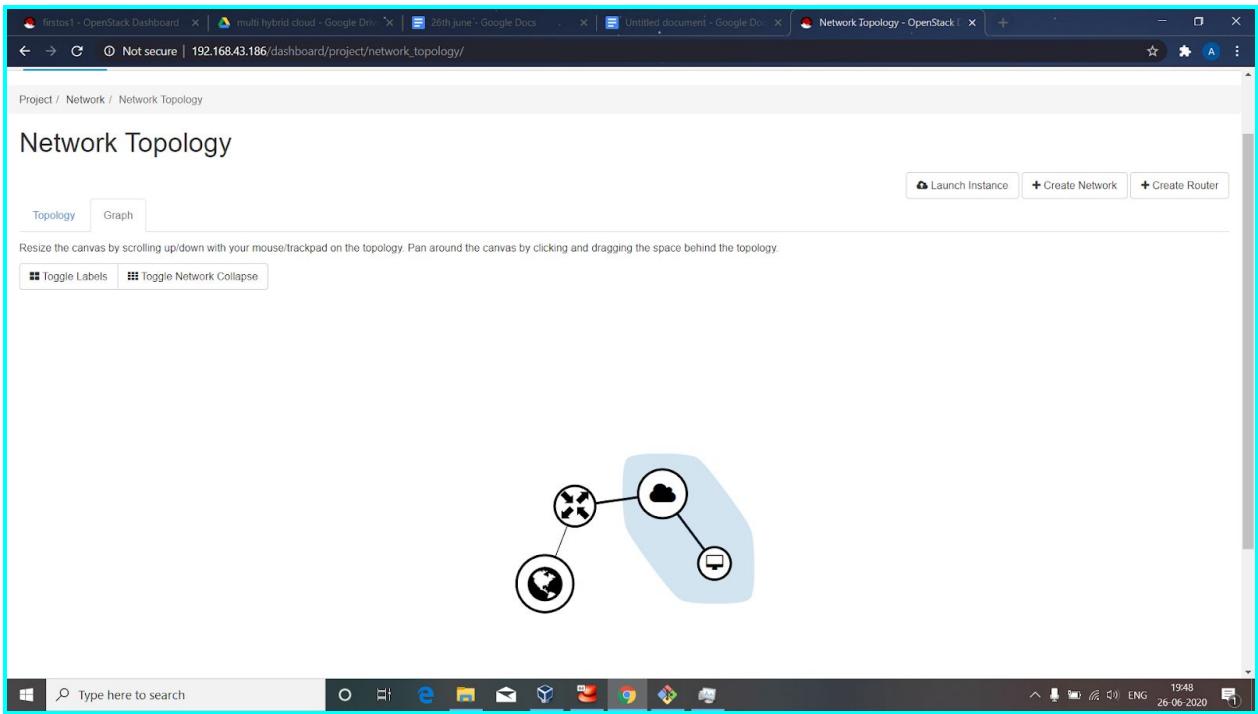


```

root@openstack:~#
[--volume-service-name <volume-service-name>
 [-os-endpoint-type <os-endpoint-type>
  [-os-endpoint <os-endpoint>
   [-os-volume-api-version <volume-api-ver>
    [-bypass-url <bypass-url>] [--os-endpoint <os-endpoint>
     [-retries <retries>] [--profile HMAC_KEY] [--insecure]
     [-os-cacert <ca-certificate>] [--os-cert <certificate>
      [-os-key <key>] [--timeout <seconds>] [--os-auth-type <name>
       [-os-auth-url OS_AUTH_URL] [--os-system-scope OS_SYSTEM_SCOPE]
       [-os-domain-id OS_DOMAIN_ID] [--os-domain-name OS_DOMAIN_NAME]
       [-os-project-id OS_PROJECT_ID]
       [-os-project-name OS_PROJECT_NAME]
       [-os-project-domain-id OS_PROJECT_DOMAIN_ID]
       [-os-project-domain-name OS_PROJECT_DOMAIN_NAME]
       [-os-trust-id OS_TRUST_ID]
       [-os-default-domain-id OS_DEFAULT_DOMAIN_ID]
       [-os-default-domain-name OS_DEFAULT_DOMAIN_NAME]
       [-os-user-id OS_USER_ID] [--os-username OS_USERNAME]
       [-os-user-domain-id OS_USER_DOMAIN_ID]
       [-os-user-domain-name OS_USER_DOMAIN_NAME]
       [-os-password OS_PASSWORD] [--os-auth-strategy <auth-strategy>
        [-os-auth-system <os-auth-system>] [--os-token <token>
         [-os-url <url>]
error: argument -h/--help: ignored explicit argument u'elp'
Try 'cinder help' for more information.
[root@openstack ~]# cinder list
+-----+-----+-----+-----+-----+-----+
| ID   | Status | Name    | Size | Volume Type | Bootable | Attached to |
+-----+-----+-----+-----+-----+-----+
| 7db62901-433e-4c43-995b-2e707670cc56 | in-use |      | 20  | iscsi      | true     | b43c55f5-d782-41f2-b80d-cdfa4f766a6b |
+-----+-----+-----+-----+-----+-----+
[root@openstack ~]#

```

ravello hxx support



If console is not responding to keyboard input, click the grey status bar below. [Click here to show only console](#)
 To exit the fullscreen mode, click the browser's back button.

Connected (unencrypted) to: GEMU (instance-00000001)

```
Fedora 32 (Cloud Edition)
Kernel 5.6.5-360.fc32.x86_64 on an x86_64 (tty1)

SSH host key: SHA256:zZ3tFPCLGofTJ1GIVS+4Tqdu0Ei9LDk0TLng05zo (RSA)
SSH host key: SHA256:165a4b61120Tr-/4-Bcd1mvdhV1zpmjhhe15eqj9P4 (ECDSA)
SSH host key: SHA256:puJLx57IuB1k5UbxXTW6RKh2zHg7e1J1hNM44ngBg (ED25519)
eth0: 10:0:0:7 fe80::f816:3eff:fedf:2150
firstos1 login: root
Password:
Login incorrect
firstos1 login:
```

Type here to search

firstos1 - OpenStack Dashboard | multi hybrid cloud - Google | 26th-june - Google Docs | Untitled document - Google | Network Topology - Open | Coronavirus India lockdown - Google | Not secure | 192.168.43.186/dashboard/project/instances/b43c55f5-d782-4112-b80d-cdfa4f766a6b/ Instance Console

Send CtrlAltDel

firstos1 - OpenStack D... | multi hybrid cloud - Google | 26th June - Google Docs | Untitled document - Google | Network Topology - Open | Coronavirus India lockdown - Google | ravello-hvx - Google Search | Not secure | 192.168.43.186/search?q=ravello+hvx&toq=ravello+hvx&aqs=chrome..69i57.5417j0j7&sourceid=chrome&ie=UTF-8

Google ravello hvx

Different Ways to Present CPU to HVX Hypervisor: Oracle ... Challenges Building a Nested Hypervisor: Oracle Ravello ... Oracle Ravello Cloud: Deploy Virtual Machine on Bare Metal Infrastructure

vBrownBag YouTube - Dec 14, 2017 vBrownBag YouTube - Dec 14, 2017 TechCrumble YouTube - Mar 10, 2018

docs.oracle.com > Cloud > Classic Infrastructure ▾

Oracle Cloud Infrastructure Ravello Service - Basics

Oracle Cloud Infrastructure Ravello Service. Deploy your existing VMware or KVM-based data center workloads on leading Cloud providers, as-is, without any ...

Managing Ravello Applications - 1 Getting Started with Ravello - Tutorials

d8tadude.com > tag > hvx ▾

HVX – d8taDude

Sep 26, 2017 - The VMware VM's run on top of this HVX layer which traditionally has its self-resident on top of a KVM hypervisor. In summary Ravello allows ...

blog.mwpreston.net > 2017/09/21 > ravello-expanding-... ▾

Ravello expanding HVX platform to bare metal. - mwpreston.net

Sep 21, 2017 - Ravello on Oracle Cloud Infrastructure Ravello's HVX was a key component of us being able to forklift our VMware VMs as they are and place ...

Type here to search

firstos1 - OpenStack Dashboard | multi hybrid cloud - Google | 26th-june - Google Docs | Untitled document - Google | Network Topology - Open | Coronavirus India lockdown - Google | Not secure | 192.168.43.186/dashboard/project/instances/b43c55f5-d782-4112-b80d-cdfa4f766a6b/ Instance Console

Send CtrlAltDel

firstos1 - OpenStack D... | multi hybrid cloud - Google | 26th June - Google Docs | Untitled document - Google | Network Topology - Open | Coronavirus India lockdown - Google | ravello-hvx - Google Search | Not secure | 192.168.43.186/search?q=ravello+hvx&toq=ravello+hvx&aqs=chrome..69i57.5417j0j7&sourceid=chrome&ie=UTF-8

Google ravello hvx

Different Ways to Present CPU to HVX Hypervisor: Oracle ... Challenges Building a Nested Hypervisor: Oracle Ravello ... Oracle Ravello Cloud: Deploy Virtual Machine on Bare Metal Infrastructure

vBrownBag YouTube - Dec 14, 2017 vBrownBag YouTube - Dec 14, 2017 TechCrumble YouTube - Mar 10, 2018

docs.oracle.com > Cloud > Classic Infrastructure ▾

Oracle Cloud Infrastructure Ravello Service - Basics

Oracle Cloud Infrastructure Ravello Service. Deploy your existing VMware or KVM-based data center workloads on leading Cloud providers, as-is, without any ...

Managing Ravello Applications - 1 Getting Started with Ravello - Tutorials

d8tadude.com > tag > hvx ▾

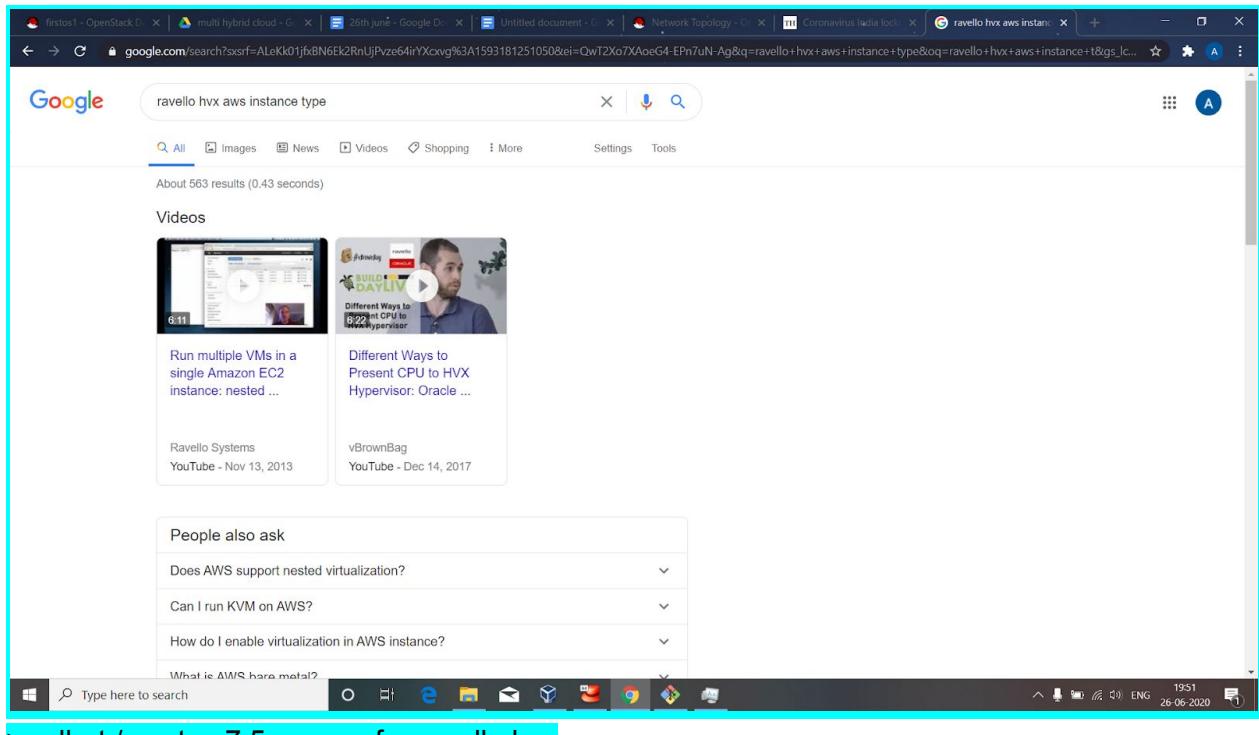
HVX – d8taDude

Sep 26, 2017 - The VMware VM's run on top of this HVX layer which traditionally has its self-resident on top of a KVM hypervisor. In summary Ravello allows ...

blog.mwpreston.net > 2017/09/21 > ravello-expanding-... ▾

Ravello expanding HVX platform to bare metal. - mwpreston.net

Sep 21, 2017 - Ravello on Oracle Cloud Infrastructure Ravello's HVX was a key component of us being able to forklift our VMware VMs as they are and place ...



>redhat / centos 7.5 on aws for ravello hvx