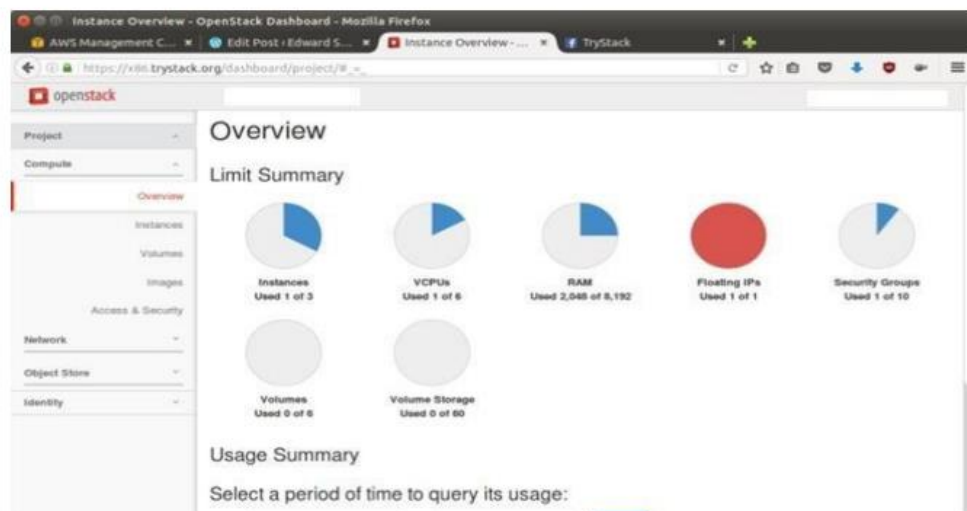


## OUTPUTS:

Step 1- Installation script can be launched using the command: `./stack.sh`. Once installation is complete below screenshot will be visible.

```
This is your host IP address: [REDACTED]
This is your host IPv6 address: [REDACTED]
Horizon is now available at http://[REDACTED]/dashboard
Keystone is serving at http://[REDACTED]/identity/
The default users are: admin and demo
The password: secret
Services are running under systemd unit files.
For more information see:
https://docs.openstack.org/developer/devstack/systemd.html
2017-06-19 16:13:18.557 | WARNING:
2017-06-19 16:13:18.557 | Using lib/neutron-legacy is deprecated, and it will be removed in the future
2017-06-19 16:13:18.557 | stack.sh completed in 1933 seconds.
stack@devstack:~/devstack$
```

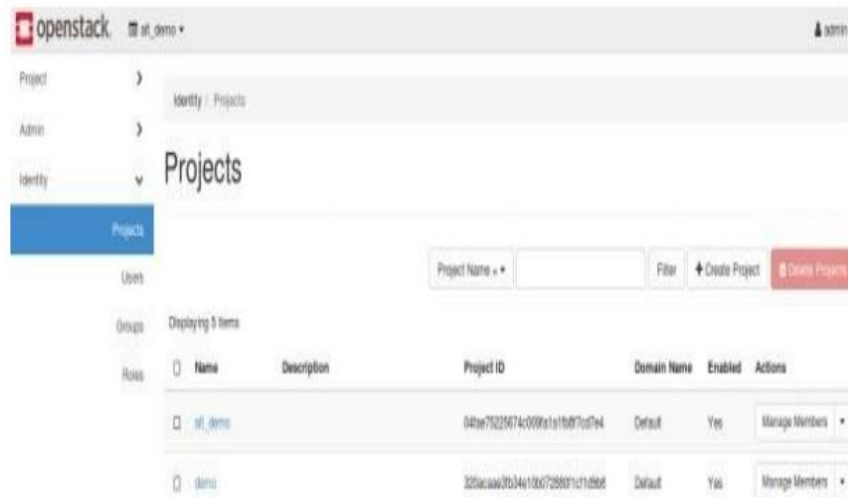
Step 2- OpenStack dashboard can now be accessed at: `http://<IP Address>/dashboard/`



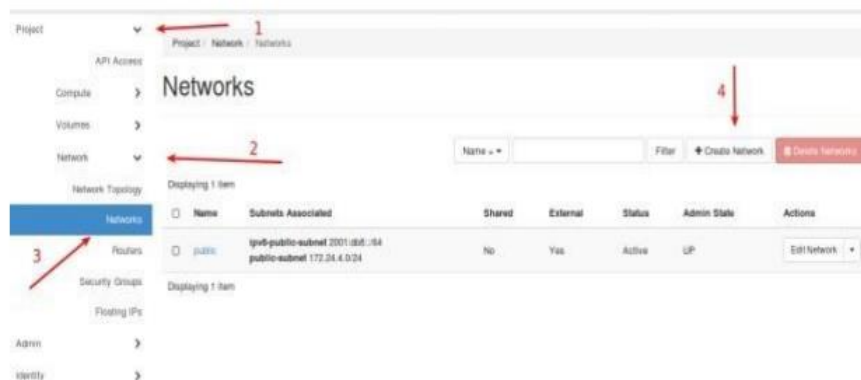
### Step 3: Create Network

Note: Without having a network, you cannot launch an instance/virtual machine.

After logged into the OpenStack Dashboard it will look something like this:



Create a network - dummy network:



### Create Network

Network Subnet Subnet Details

**Subnet Name**  
CyberPersons

**Network Address Source**  
Allocate Network Address from a pool

**Address pool**  
shared-default-subnetpool (10.0.0.0/22)

**Network Mask**  
26 (pool default)

**IP Version**  
IPv4

**Gateway IP**

Creates a subnet associated with the network. You need to enter a valid "Network Address" and "Gateway IP". If you did not enter the "Gateway IP", the first value of a network will be assigned by default. If you do not want gateway please check the "Disable Gateway" checkbox. Advanced configuration is available by clicking on the "Subnet Details" tab.

Cancel Back Next

Once all these things are done, click —Next.

### Create Network

Network Subnet Subnet Details

☒ **Enable DHCP**

**Allocation Pools**

**DNS Name Servers**

**Host Routes**

Specify additional attributes for the subnet.

Cancel Back Create

## Step 4: Create Virtual Machine/Instance

openstack alt\_demo admin

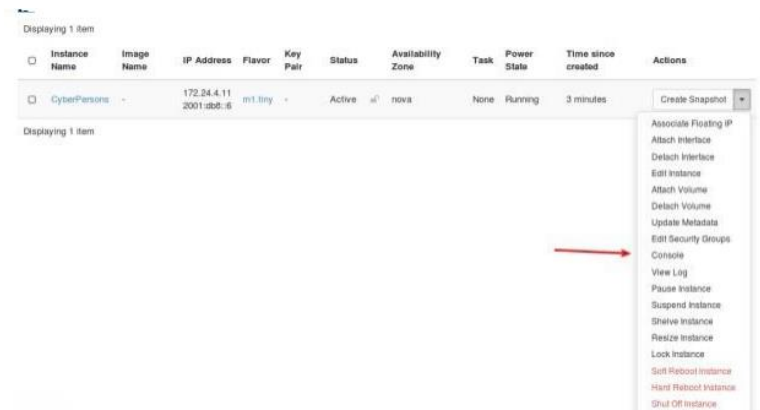
Project / Compute / Instances

Instances

Instance ID Filter Launch Instance

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

## Step 5: Access Virtual Machine Console



Click on —Console and OpenStack will take you to the console of the virtual machine. The console will look something like this:

```
Connected (unencrypted) to: QEMU (Instance-00000001) Send C

[ 2.164811] NET: Registered protocol family 10
[ 2.180216] NET: Registered protocol family 17
[ 2.181637] Registering the dns_resolver key type
[ 2.221567] registered taskstats version 1
[ 2.251264] Freeing initrd memory: 3452k freed
[ 2.406290] Magic number: 5:833:342
[ 2.407395] rtc_cmos 00:01: setting system clock to 2017-06-22 18:18:41 UTC (1498155521)
[ 2.410548] powernow-k8: Processor cpuid 663 not supported
[ 2.414248] BIOS EDD facility v0.16 2004-Jun-25, 0 devices found
[ 2.414675] EDD information not available.
[ 2.440477] Freeing unused kernel memory: 928k freed
[ 2.469513] Write protecting the kernel read-only data: 12288k
[ 2.521076] Freeing unused kernel memory: 1596k freed
[ 2.560647] Freeing unused kernel memory: 1184k freed
[ 2.563628] Refined TSC clocksource calibration: 2593.959 MHz.
[ 2.564469] Switching to clocksource tsc

further output written to /dev/ttyS0
```