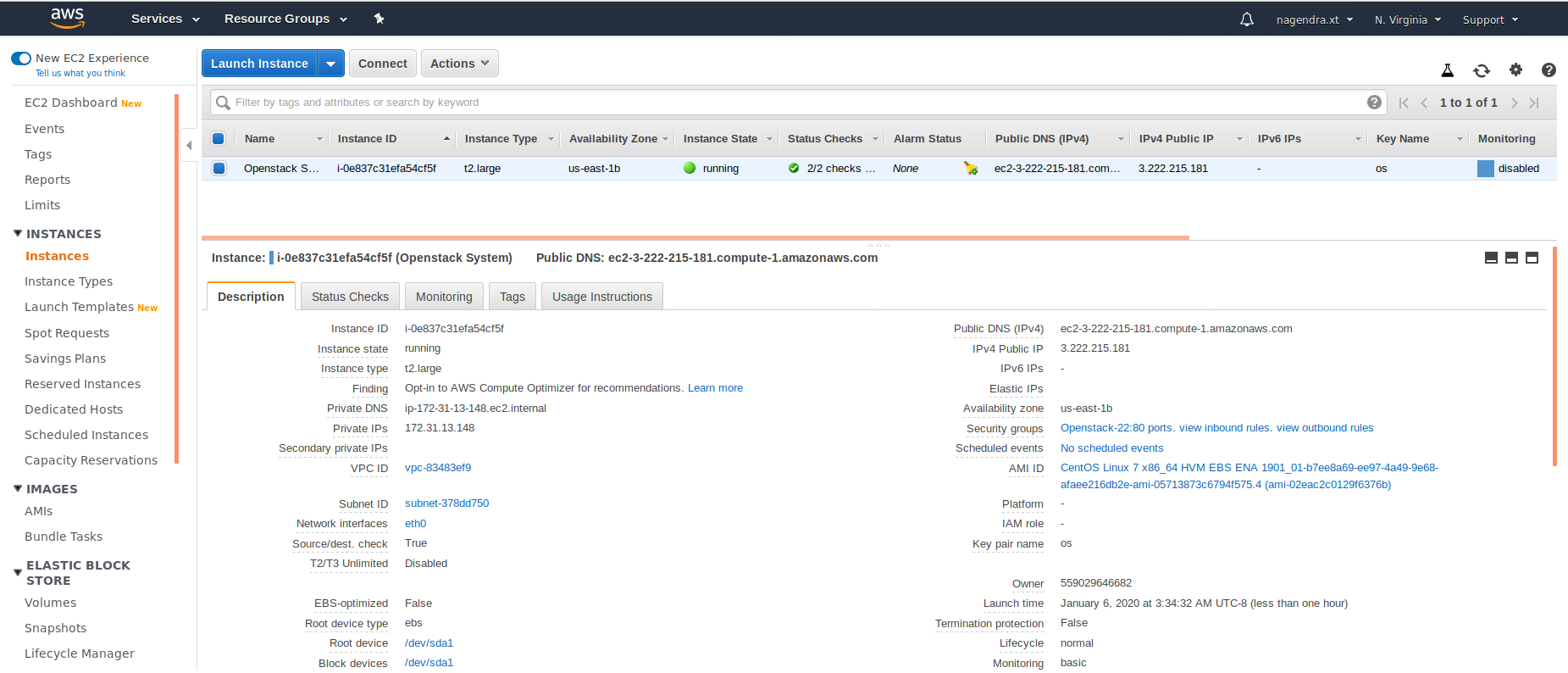
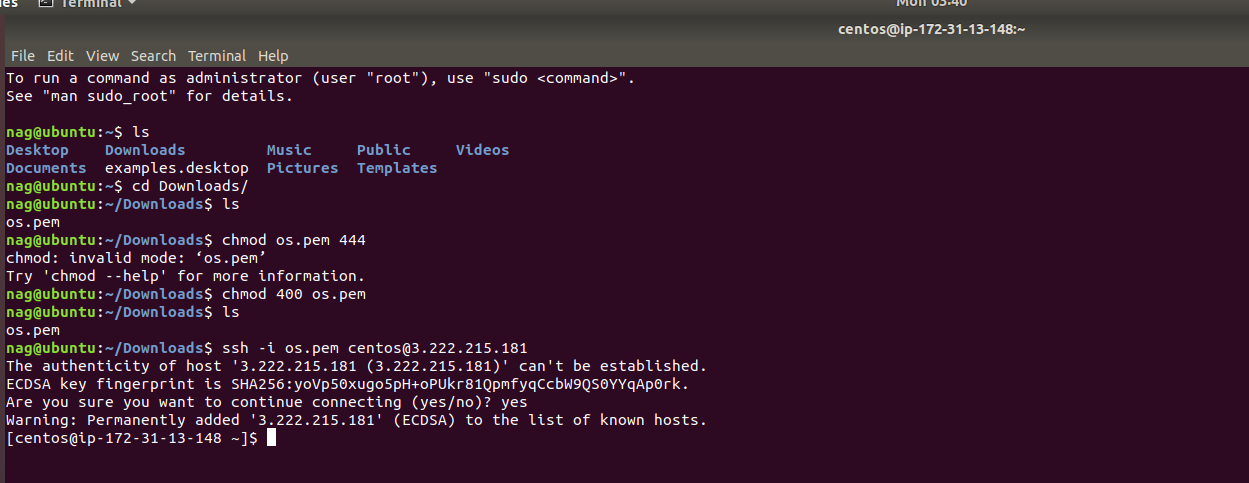
Creating an Open Stack Single Node Private Cloud Deployment on EC2 on AWS

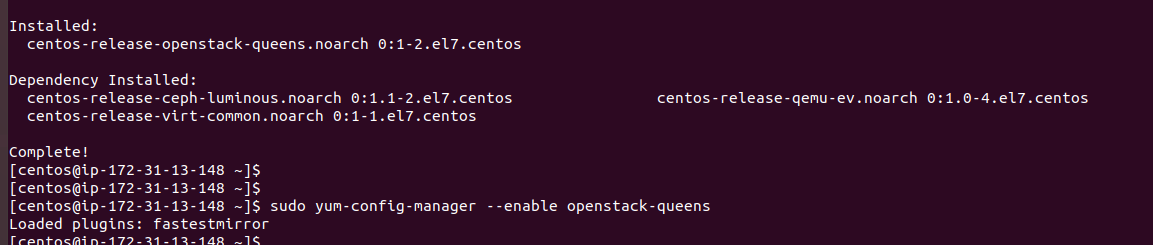
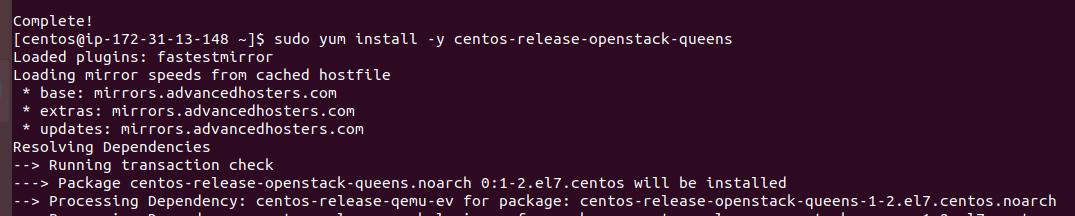
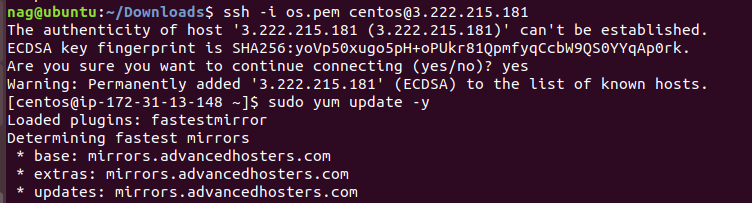
1. Create EC2 instance t2.large with Centos 7



1. SSH to EC2 instance

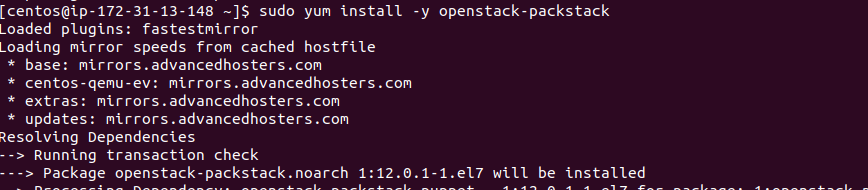
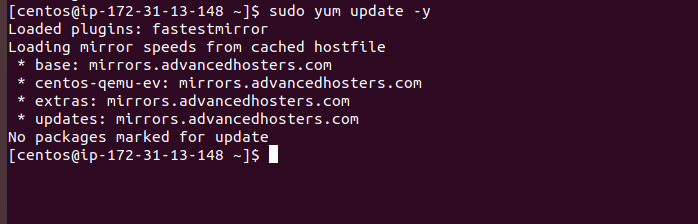


1. Phase-1 Commands

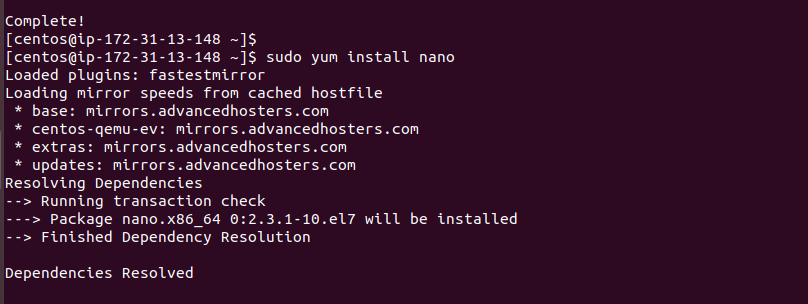


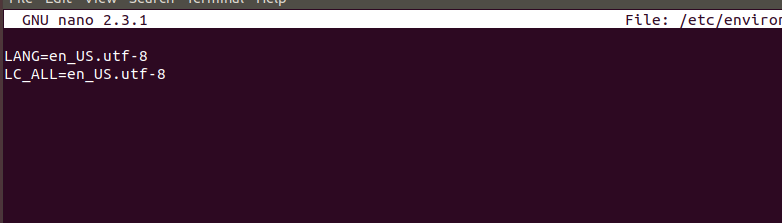
Restart the EC2 instance

1. Phase-2 commands

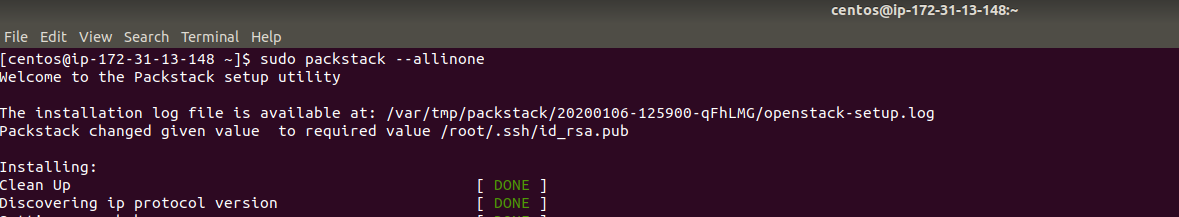


1. Phase 3 Commands

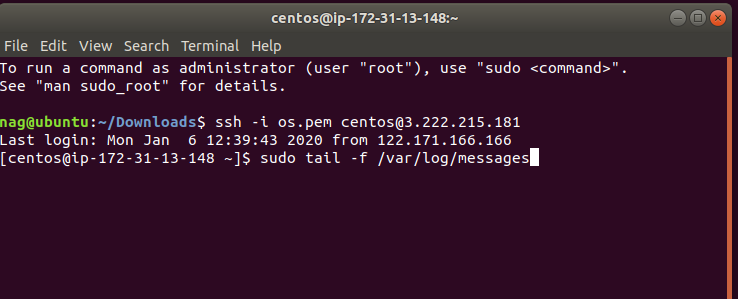


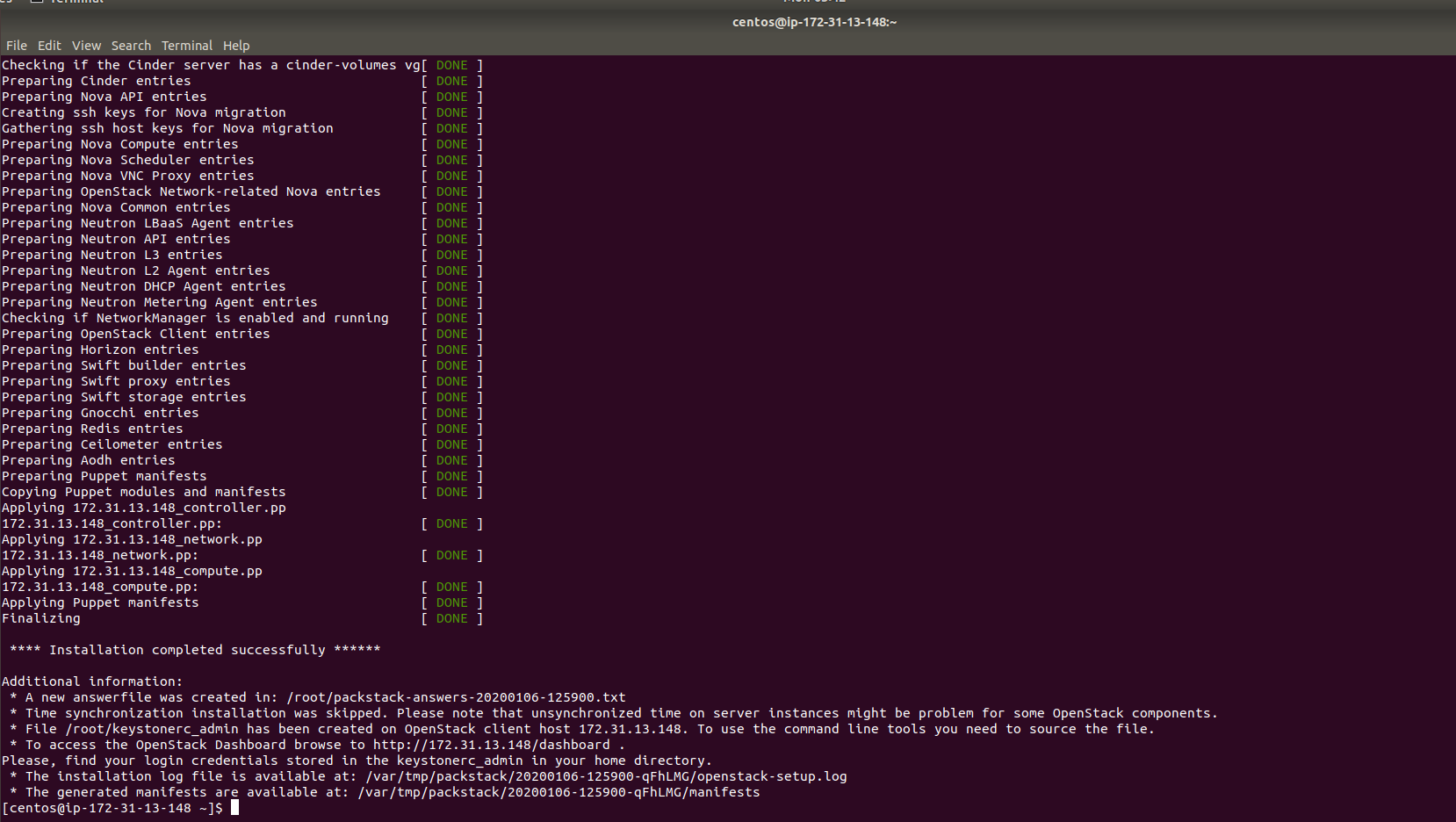


1. Phase 4 Commands

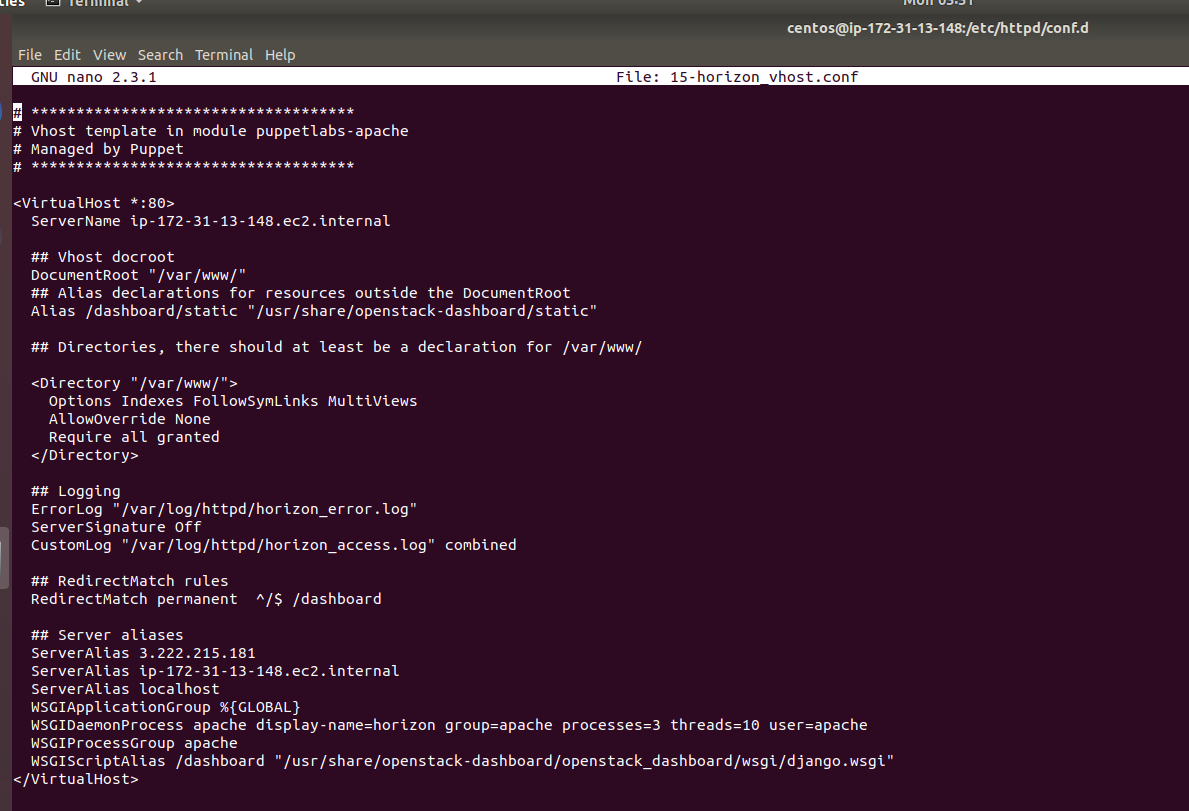
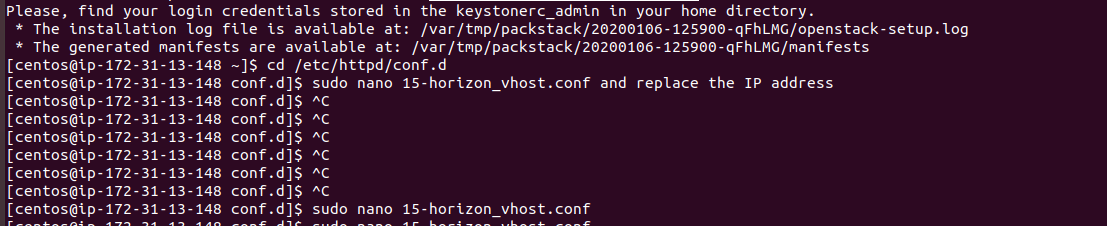


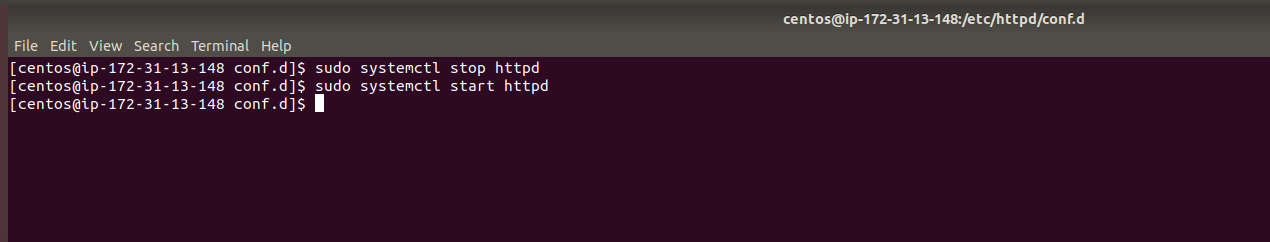
1. Backend Execution



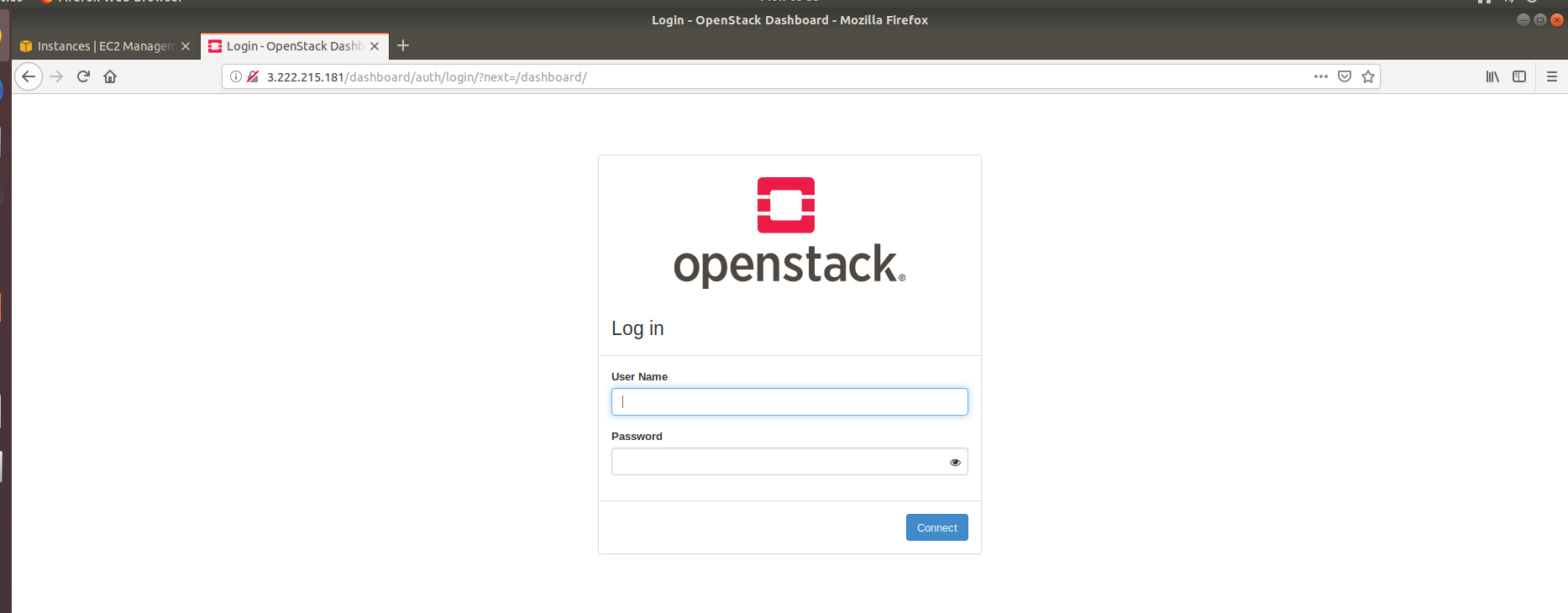


1. Phase 5 commands



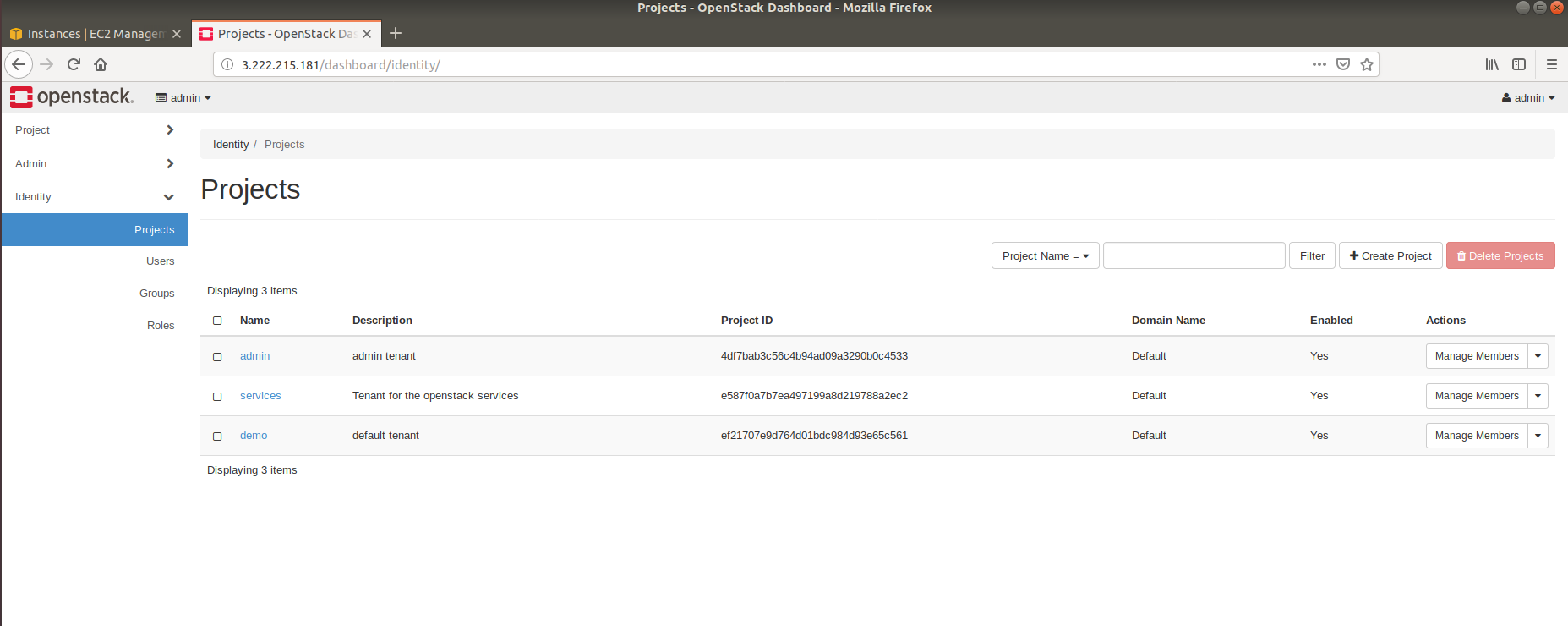


Open the public using browser



1. Phase 6

Login to console

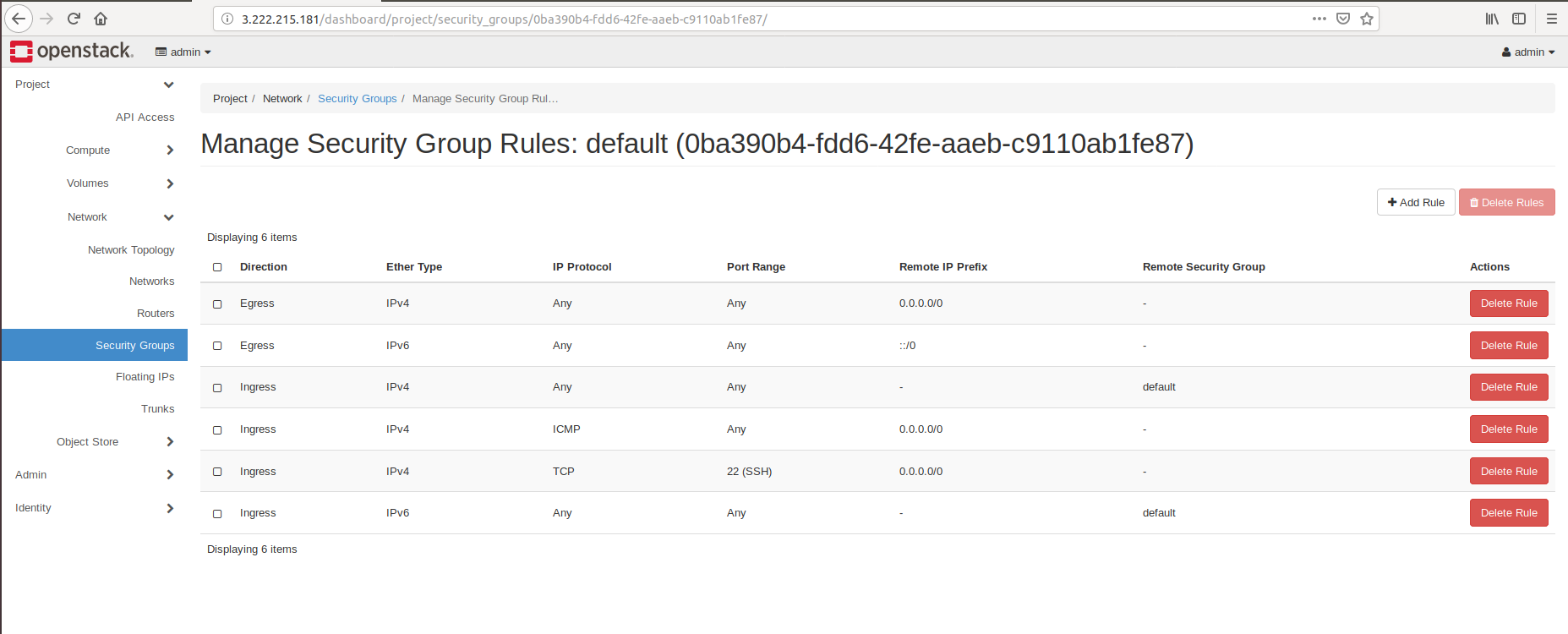


1. Observations

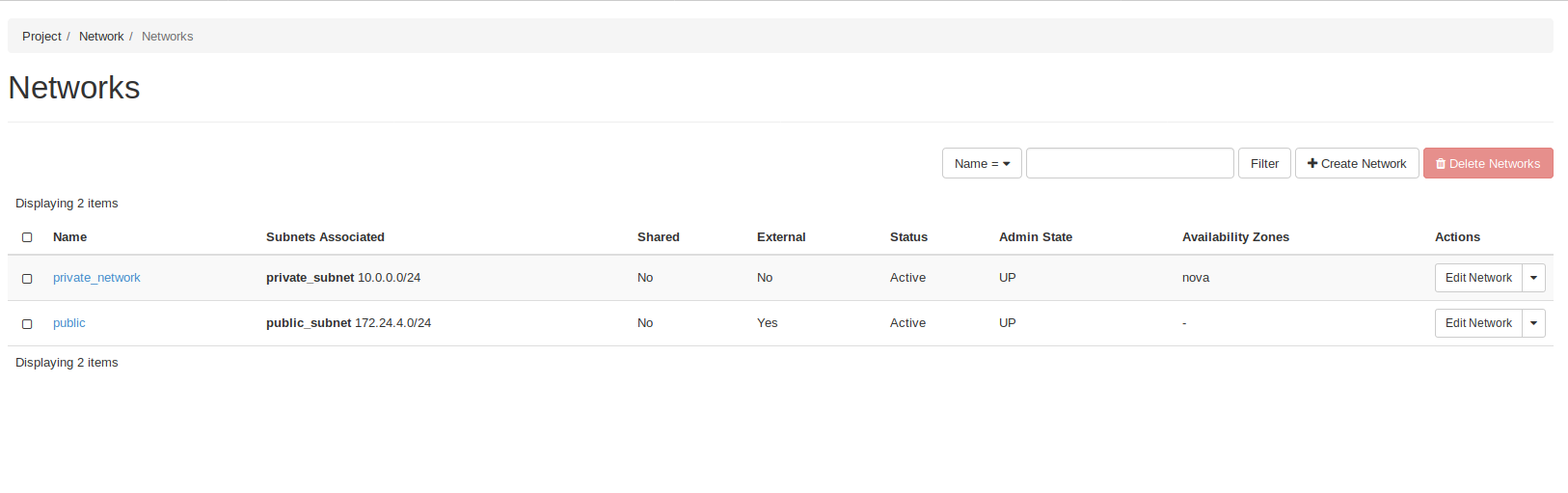
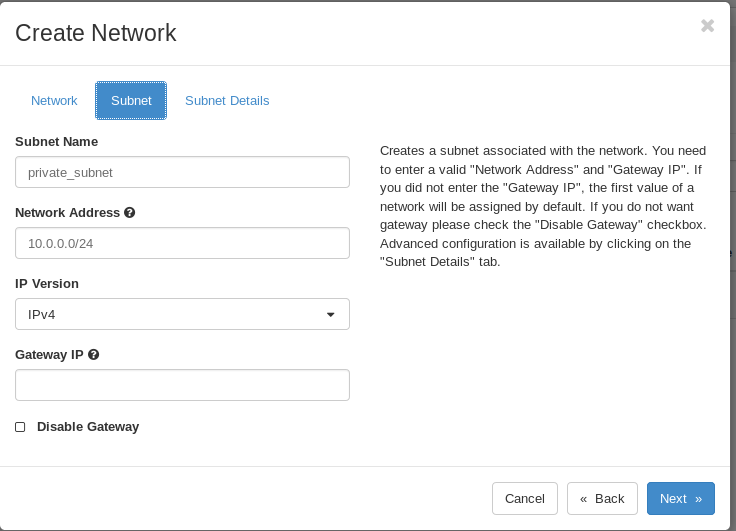
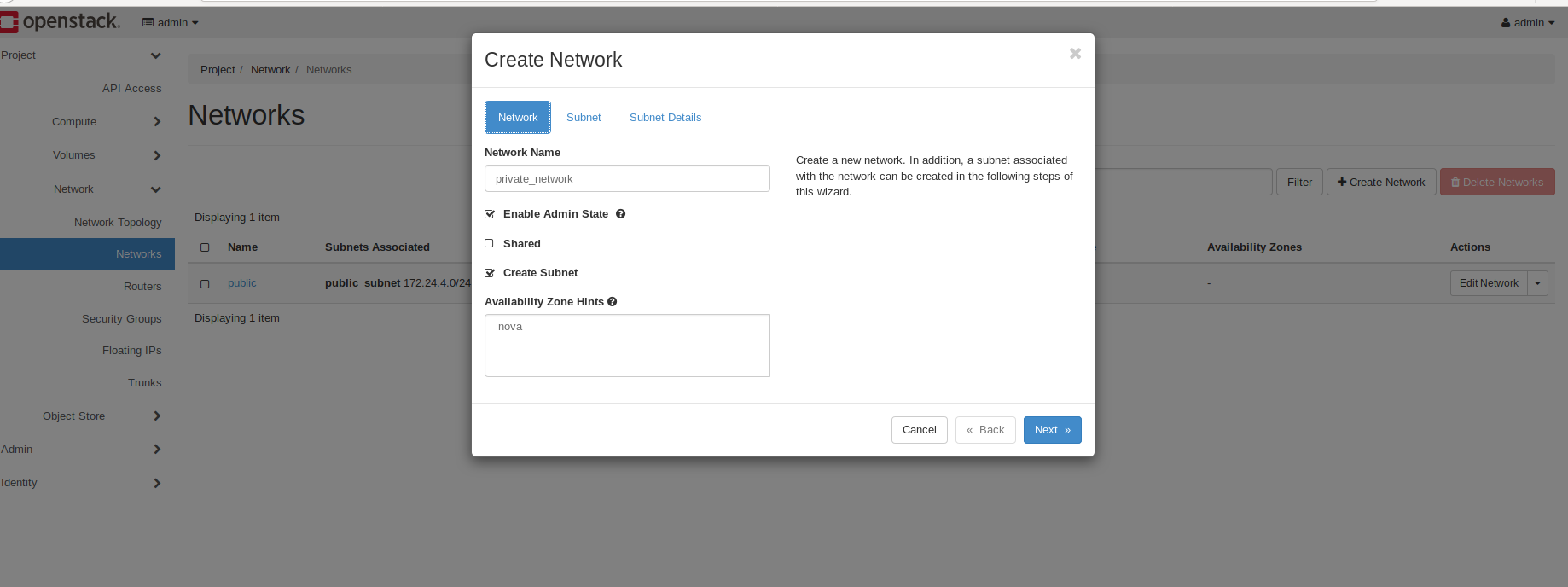
* OpenStack certainly lacks some of the pre-installed AWS applications and setups such as the excellent security module.
* Besides AWS services available globally which attracts start-ups
* Both the platforms offer similar services and it boils down to the usability and integration factor of the application with your organizational needs. OpenStack, on one hand, offers better resiliency and increased corporate profitability with its open frame network; AWS appeal to start-ups and small IT firms due to its many offerings and flexible customer support.

1. Creating cirros instance

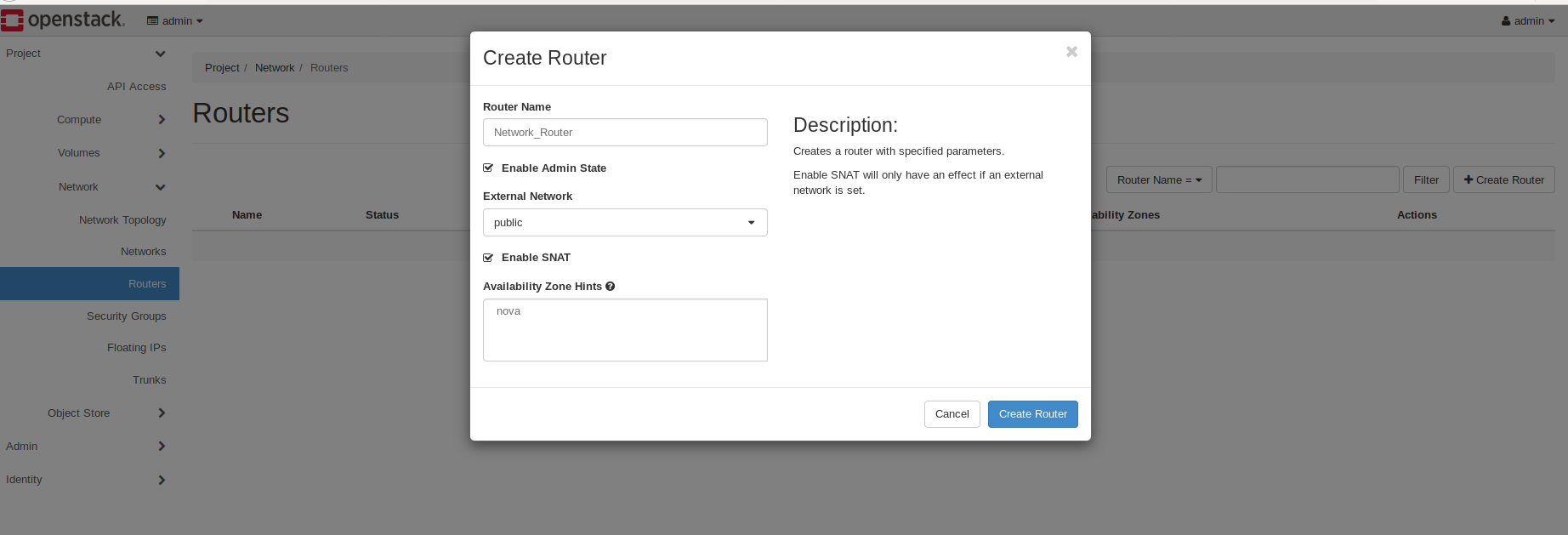
Creating SSH port under security group



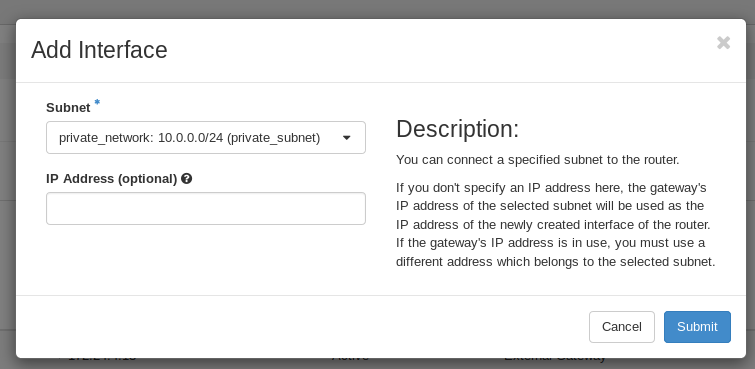
Creating Network



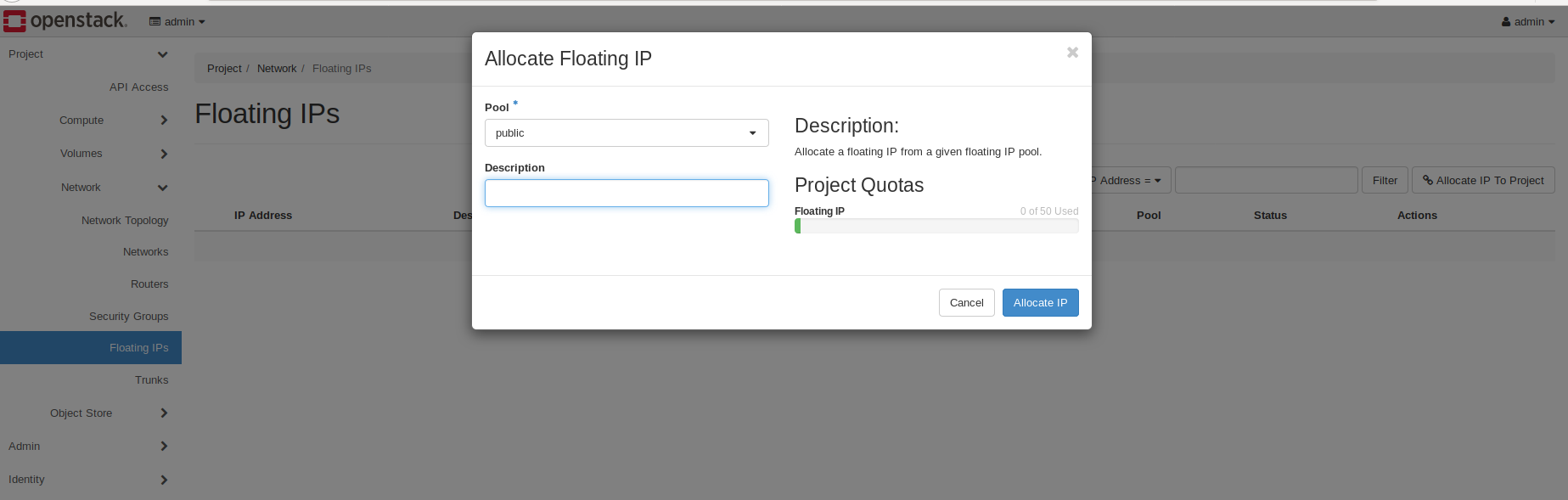
Creating Router

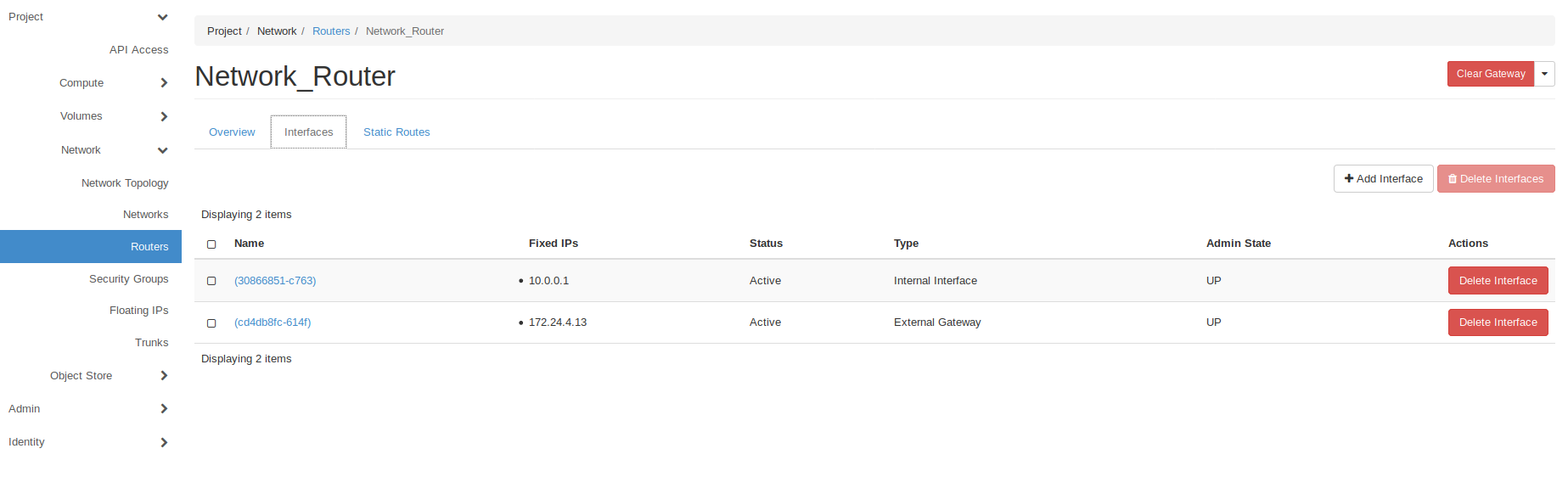


Add interface

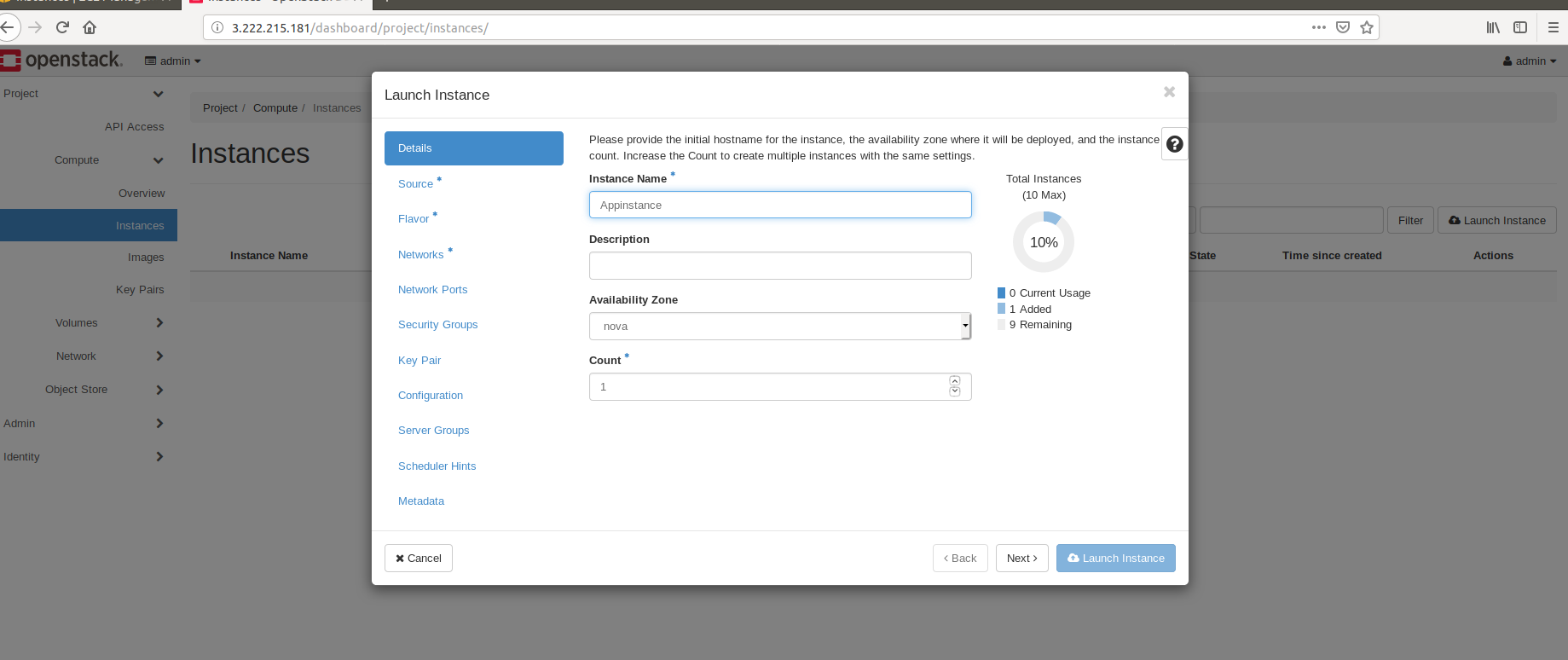


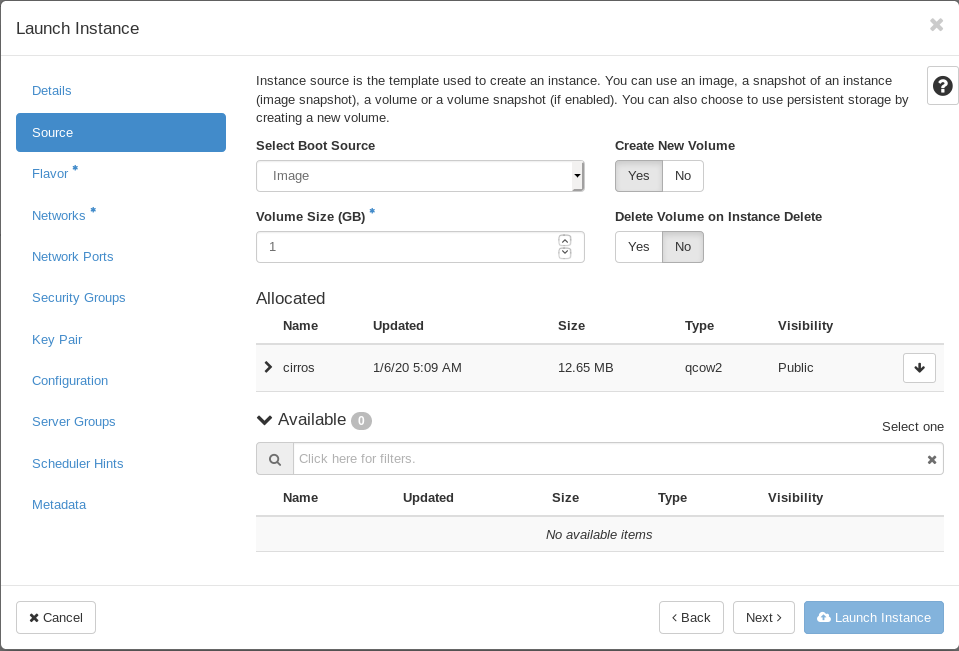
Creating Floating IP

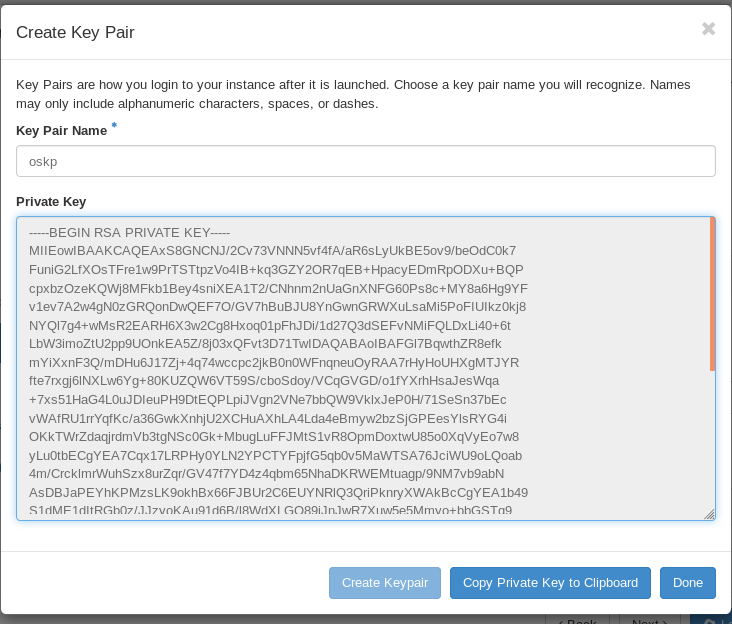
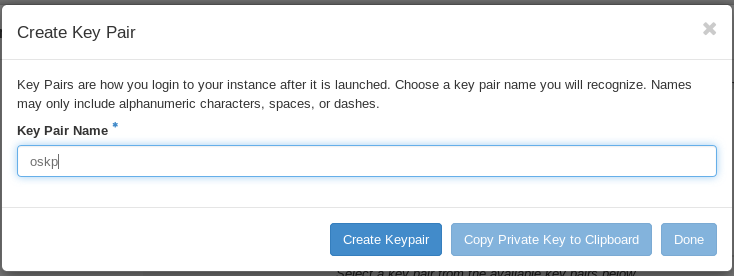
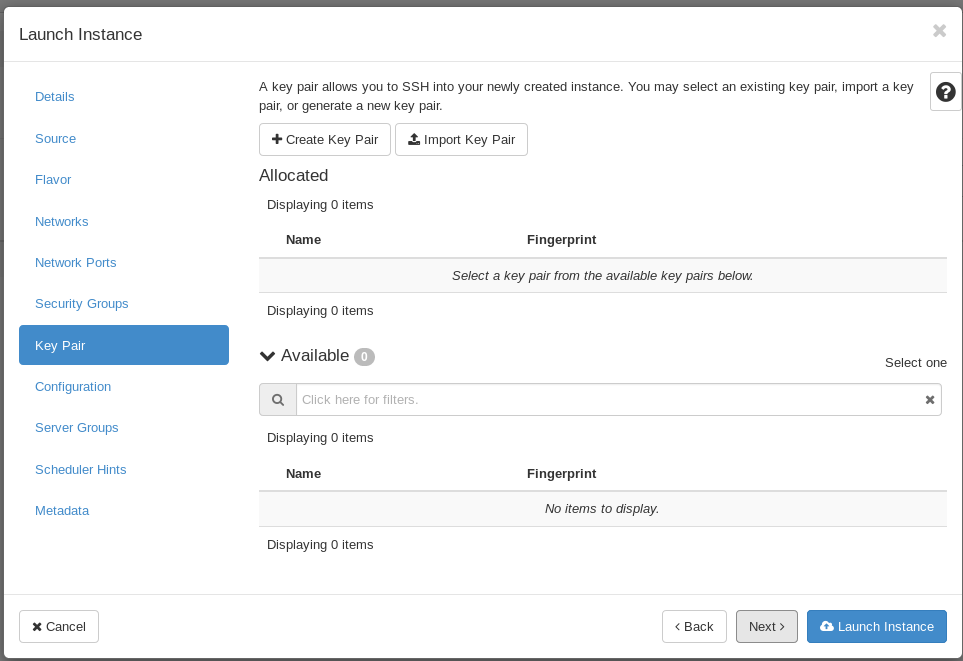
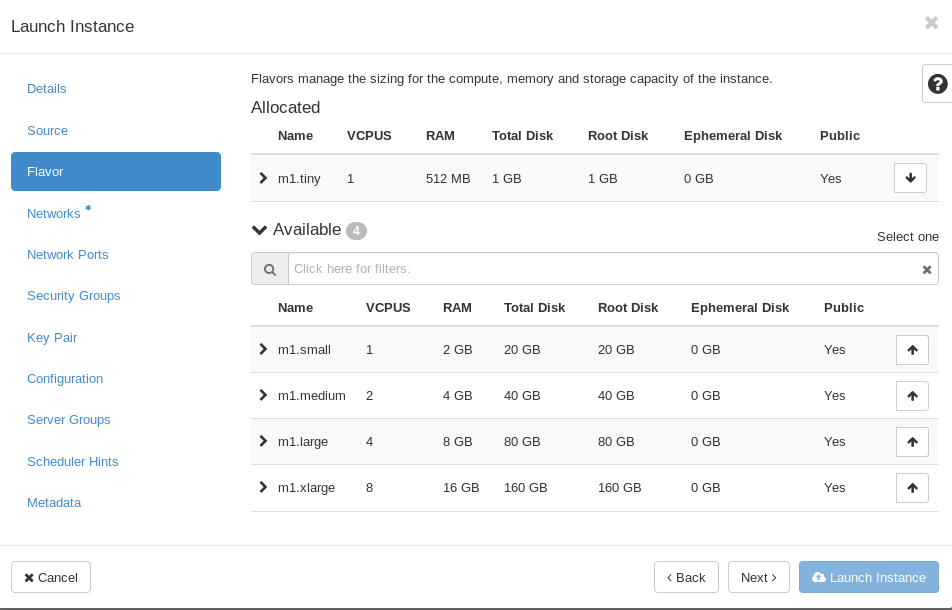




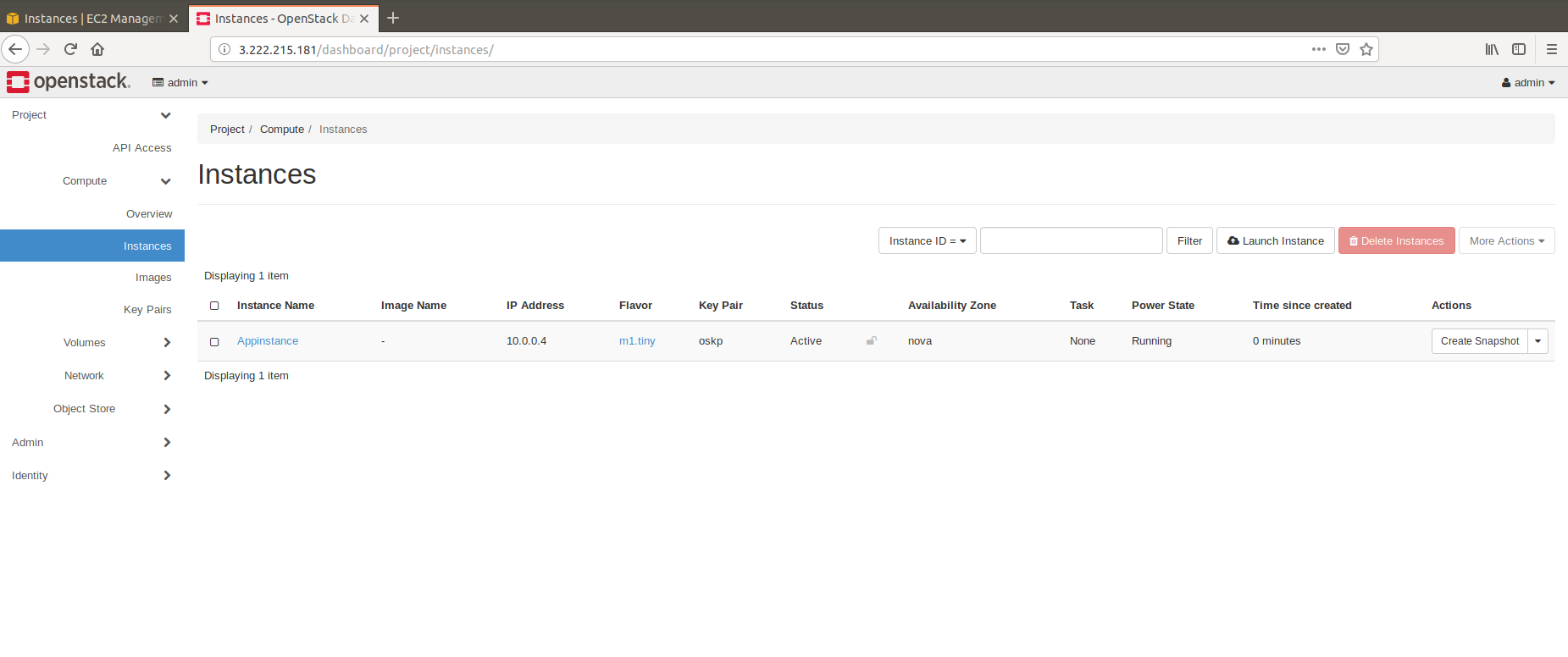
Create an Instance with below options



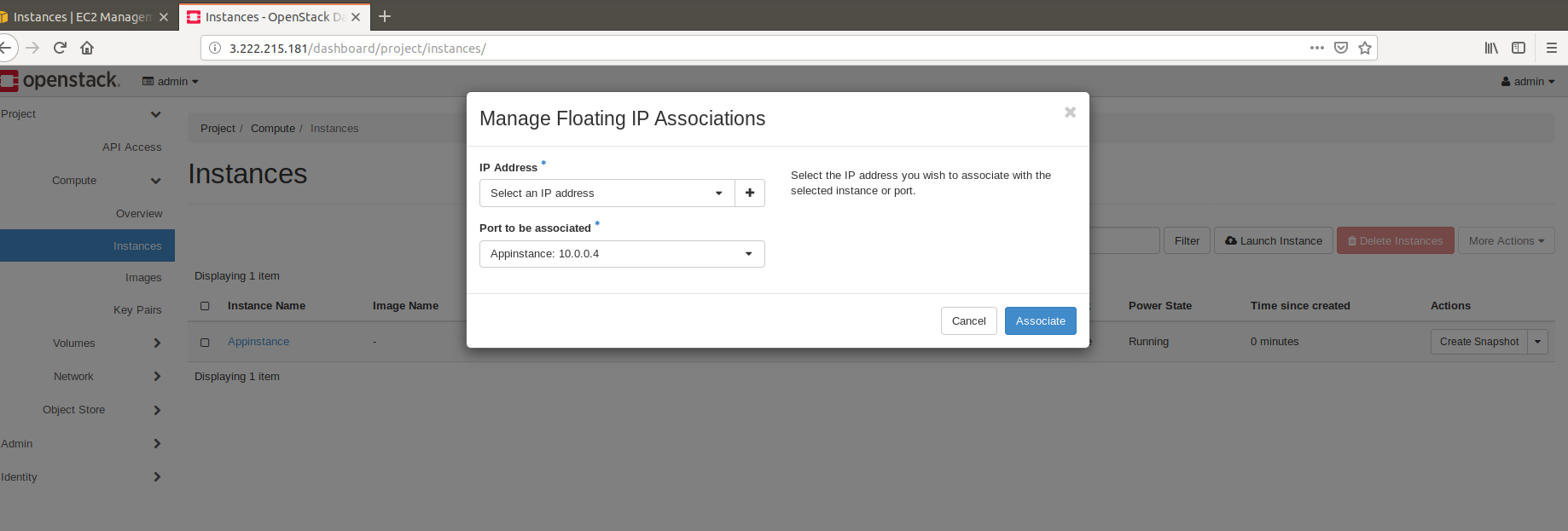


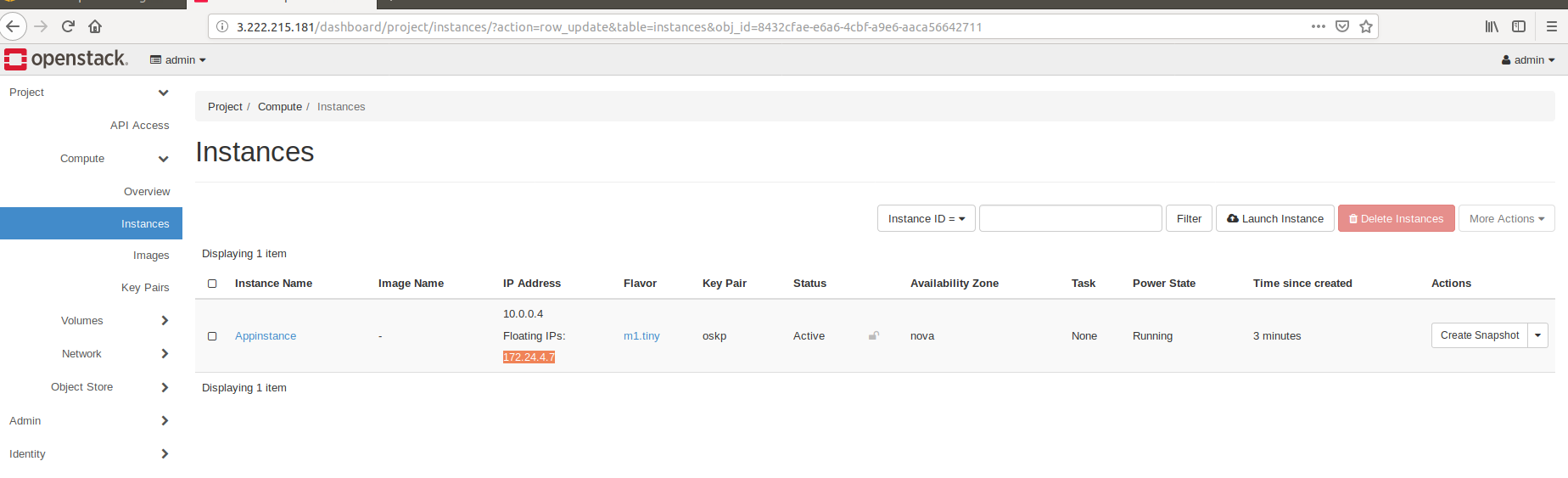


Instance Launched

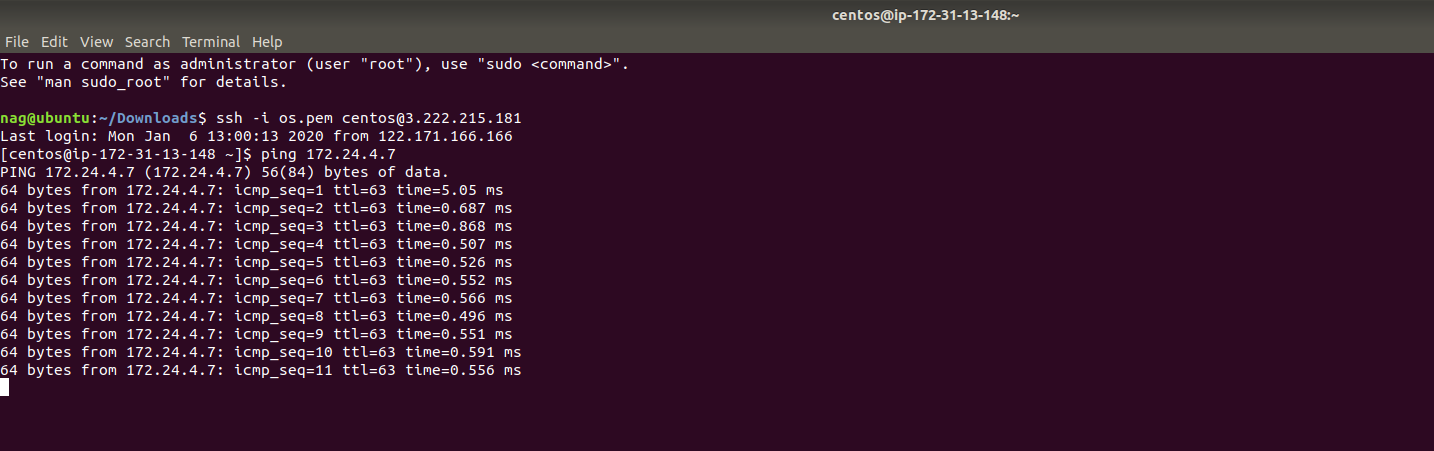


Allocate Floating IP

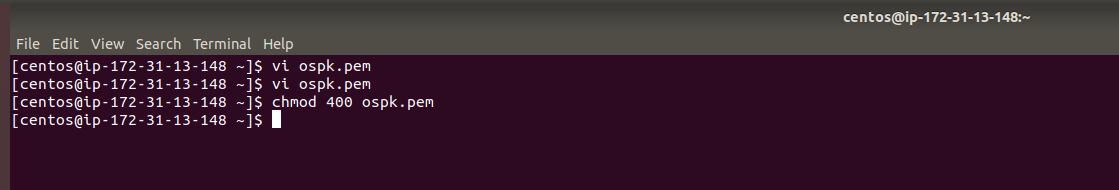
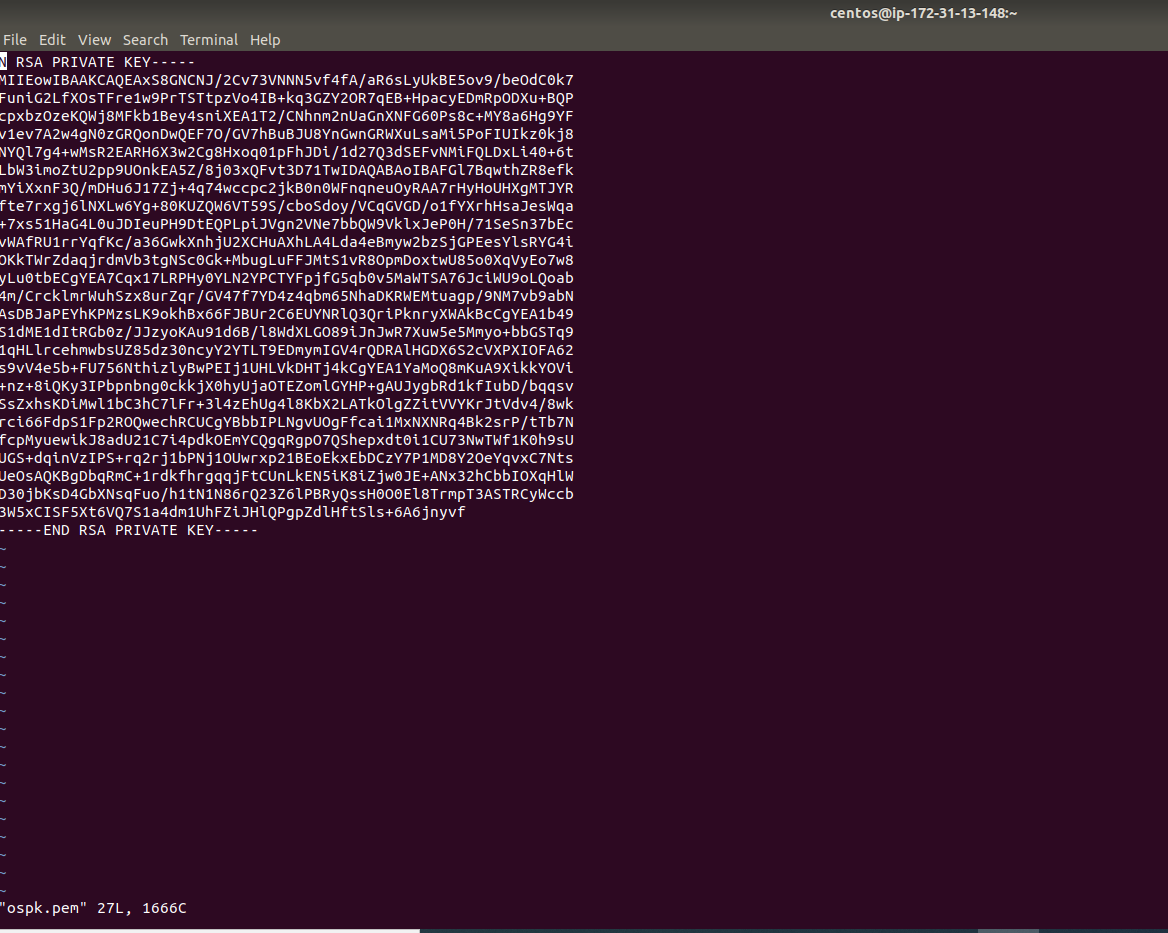




Ping the Floating IP from EC2 instance



Creating pem file using Key pair downloaded



SSH to the Cirros instance

