***OpenStack Terminology – Vocabulary***

**Cloud Controller** - Collection of Compute components that represent the global state of the cloud. Talks to services such as Identity authentication, Object Storage, and node/storage workers through a queue

**Tenant** - A group of users. - Used to isolate access to Compute resources. - An alternative term used synonymously with project

**Flavor** - Alternative term for a VM instance type

**Stack** - Grouping of instances that are built from templates

**Compute Node** - Node server that runs the *nova-compute­* daemon that manages VM instances that provide a wide range of services

**Volume (Block Storage)** - Disk based data storage generally represented as an iSCSI target with a file system that supports extended attributes - Can be persistent or ephemeral

**Ephemeral disk** - Temporary disk of volume on a disk that does not save the changes made to it and reverts its original state when the current user relinquishes the control

**Instance and Server** - A running virtual machine, or a VM in a known state such as suspended, that can be used like a hardware server

***OpenStack Networking (Neutron) Terminology***

**Network** - This is an isolated Layer 2 segment. Analogous to VLAN in the physical networking world

**Subnet** - Logical subdivision of an IP network

**Port** - a virtual network port within Networking. VIFs and vNICS are connected to ports.

**VIF/vNIC** - virtual network interfaces. Usually the virtual network interface card on a virtual machine.

**Open vSwitch** - Software that is able to provide a virtual switch. OpenStack networking will use the vSwitch plug-in