CEPH STORAGE CLUSTER

AWS CLOUD

Admin Node

ip: 10.0.189.107

Node 1
Mon 1, osd 0

ip: 10.0.206.88

Node 2
Mon 2, osd 1

ip: 10.0.85.206

Node 3
Mon 3, osd 2

ip: 10.0.138.207

Installation

http://docs.ceph.com/docs/master/start/quick-start-preflight/#debian-ubuntu
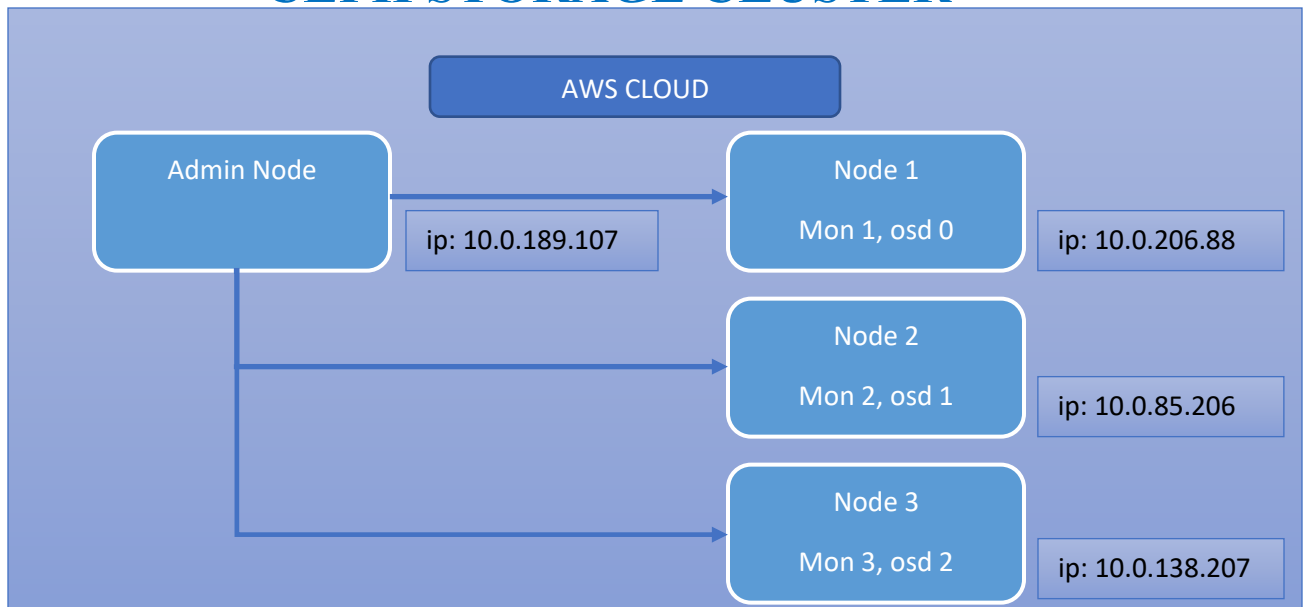
The `ceph-deploy` tool operates out of a directory on an admin node. Any host with network connectivity and a modern python environment and ssh (such as Linux) should work.

Storage Cluster Operation

Ceph tool in interactive mode (ceph>)	**Ceph**
Ceph version	**ceph -v**
Check your cluster's health.	**ceph health**
cluster status	**ceph -s**
Check a cluster's data usage and data distribution among pools	**Ceph df**
Verify that the Ceph Storage Cluster stored the object,	**rados -p mytest ls**
Watching a cluster (open a new terminal)	**Ceph -w**
Check OSDs status	**Ceph osd stat**
View OSDs according	**Ceph osd tree**
Ceph retrieves the cluster map	**Ceph osd map {pool} {object}**