CEPH Quick Start

1. You need to be “root ” user to install CEPH

sudo su –

1. Make a new directory (‘my-cluster’ is name of the directory in this case)

mkdir my-cluster

1. Change the directory to the newly created directory

cd my-cluster

1. To create the cluster

ceph-deploy new YourHostName

(Host name is represented ‘[root@YourHostName ~]’ in this format on screen)

1. To install the ceph

ceph-deploy install YourHostName

1. Now open the ceph.conf file

Mention your YourHostName and local IP address

1. To generate monitors

ceph-deploy mon create-initial

1. Once you complete this process, your local directory should have the following keyrings

{cluster-name}.client.admin.keyring

{cluster-name}.bootstrap-osd.keyring

{cluster-name}.bootstrap-mds.keyring

1. From your admin node, use following command to prepare OSDs

ceph-deploy osd prepare YourHostName : /my-cluster

1. Activate the OSDs

ceph-deploy osd activate YourHostName : /my-cluster

1. To set the admin

ceph-deploy admin YourHostName

1. To ensure you have correct permissions

sudo chmod +r /etc/ceph/ceph.client.admin.keyring

1. To check your cluster’s health

ceph health