Getting Started With Ceph Deployment

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Prerequisites

- Install Ansible
- Create and copy ssh keys

Configuration and Deployment

- Inventory
- Ansible playbook – site.yml
- configuration files
  - osds.yml
  - all.yml

Inventory

```
[mons]
<hosts>


[osds]
<hosts>


[mgrs]
<hosts>
```

Configuration files

- all.yml
  - ceph_origin: repository
  - ceph_repository: community
  - monitor_interface: eth0
  - public_network: 10.74.252.0/21
  - cluster_network: 10.74.252.0/21
  - configure_firewall: False

Configuration files

- osds.yml
  - osd_scenario: collocated
  - osd_objectstore: filestore
  - devices:
    - '/dev/sdb'
    - '/dev/sdc'

Deployment

ansible-playbook site.yml

What Now ?

Administration commands

```
1    # ceph status

2    # ceph osd pool create rbd 32
     replicated

3    # ceph status

4    # ceph osd pool ls detail

5    # ceph osd pool set rbd size 1

6    # ceph osd pool ls detail
```

Thank you !