

```
[admin]
node00
```

```
[clients]
client01
client02
client03
```

To run the pre-flight playbook:

```
[root@node ~]# ansible-playbook -i INVENTORY-FILE cephadm-preflight.yml \
--extra-vars "ceph_origin=rhcs"
```

Bootstrapping the Cluster

The cephadm bootstrapping process creates a small storage cluster on a single node, consisting of one Ceph Monitor and one Ceph Manager, plus any required dependencies.

Expand the storage cluster by using the `ceph orchestrator` command or the Dashboard GUI to add cluster nodes and services.



Note

Before bootstrapping, you must create a username and password for the `registry.redhat.io` container registry. Visit <https://access.redhat.com/RegistryAuthentication> for instructions.

Use the `cephadm bootstrap` command to bootstrap a new cluster:

```
[root@node ~]# cephadm bootstrap --mon-ip=MON_IP \
--registry-url=registry.redhat.io \
--registry-username=REGISTRY_USERNAME --registry-password=REGISTRY_PASSWORD \
--initial-dashboard-password=DASHBOARD_PASSWORD --dashboard-password-noupdate \
--allow-fqdn-hostname
```

The script displays this output when finished:

Ceph Dashboard is now available at:

```
URL: https://bootstrapnode.example.com:8443/
User: admin
Password: adminpassword
```

You can access the Ceph CLI with:

```
sudo /usr/sbin/cephadm shell --fsid 266ee7a8-2a05-11eb-b846-5254002d4916 -
c /etc/ceph/ceph.conf -k /etc/ceph/ceph.client.admin.keyring
```

Please consider enabling telemetry to help improve Ceph:

```
ceph telemetry on
```