file system. Create an empty file called `atestfile` in the `dir1` directory and a 10 MB file called `ddtest` in the same directory.

2.1. Exit the `cephadm` shell. Switch to the `root` user. Verify that the Ceph client key ring is present in the `/etc/ceph` folder on the client node.

```
[ceph: root@clienta /]# exit
exit
[admin@clienta ~]$ sudo -i
[root@clienta ~]# ls -l /etc/ceph
total 12
-rw-r--r--. 1 root root  63 Sep 17 21:42 ceph.client.admin.keyring
-rw-r--r--. 1 root root 177 Sep 17 21:42 ceph.conf
-rw-------. 1 root root  82 Sep 17 21:42 podman-auth.json
```

2.2. Install the `ceph-common` package on the client node.

```
[root@clienta ~]# yum install ceph-common
...output omitted...
```

2.3. Create a mount point called `/mnt/mycephfs` and mount the new CephFS file system.

```
[root@clienta ~]# mkdir /mnt/mycephfs
[root@clienta ~]# mount.ceph serverc.lab.example.com:/ /mnt/mycephfs \
-o name=admin
```

2.4. Verify that the mount is successful.

```
[root@clienta ~]# df /mnt/mycephfs
Filesystem      1K-blocks  Used Available Use% Mounted on
172.25.250.12:/  29822976     0  29822976   0% /mnt/mycephfs
```

2.5. Create two directories called `dir1` and `dir2`, directly underneath the mount point. Ensure that they are available.

```
[root@clienta ~]# mkdir /mnt/mycephfs/dir1
[root@clienta ~]# mkdir /mnt/mycephfs/dir2
[root@clienta ~]# ls -al /mnt/mycephfs/
total 0
drwxr-xr-x. 4 root  root   2 Sep 28 06:04 .
drwxr-xr-x. 3 root  root  22 Sep 28 05:49 ..
drwxr-xr-x. 2 root  root   0 Sep 28 06:04 dir1
drwxr-xr-x. 2 root  roots  0 Sep 28 06:04 dir2
```

2.6. Create an empty file called `atestfile` in the `dir1` directory. Then, create a 10 MB file called `ddtest` in the same directory.