MOUNT CEPH FS WITH THE KERNEL DRIVER

To mount the Ceph file system you may use the `mount` command if you know the monitor host IP address(es), or use the `mount.ceph` utility to resolve the monitor host name(s) into IP address(es) for you. For example:

```
sudo mkdir /mnt/mycephfs
sudo mount -t ceph 192.168.0.1:6789:/ /mnt/mycephfs
```

To mount the Ceph file system with cephx authentication enabled, you must specify a user name and a secret.

```
sudo mount -t ceph 192.168.0.1:6789:/ /mnt/mycephfs -o name=admin,secret=AQATSKdNGBnwLhAAnNDK
```

The foregoing usage leaves the secret in the Bash history. A more secure approach reads the secret from a file. For example:

```
sudo mount -t ceph 192.168.0.1:6789:/ /mnt/mycephfs -o name=admin,secretfile=/etc/ceph/admin.
```

If you have more than one filesystem, specify which one to mount using the `mds_namespace` option, e.g. `-o mds_namespace=myfs`.

See User Management for details on cephx.

To unmount the Ceph file system, you may use the `umount` command. For example:

```
sudo umount /mnt/mycephfs
```

Tip: Ensure that you are not within the file system directories before executing this command.

See mount.ceph for details.