

Summary

In this chapter, you learned:

- Most cluster configuration settings are stored in the cluster configuration database on the MON nodes. The database is automatically synchronized across MONs.
- Certain configuration settings, such as cluster boot settings, can be stored in the cluster configuration file. The default file name is `ceph.conf`. This file must be synchronized manually between all cluster nodes.
- Most configuration settings can be modified when the cluster is running. You can change a setting temporarily or make it persistent across daemon restarts.
- The MON map holds the MON cluster quorum information that can be viewed with `ceph` commands or with the dashboard. You can configure MON settings to ensure high cluster availability.
- Cephx provides cluster authentication via shared secret keys. The `client.admin` key ring is required for administering the cluster.
- Cluster nodes operate across the `public` network. You can configure an additional `cluster` network to separate OSD replication, heartbeat, backfill, and recovery traffic. Cluster performance and security might be increased by configuring a `cluster` network.
- You can use firewall rules to secure communication to cluster nodes.