- ➢ **Rack Awareness**

- ➢ **Hadoop in Secure Mode**

- ➢ **Introduction**

- ➢ **Authentication**

- ➢ **Data confidentiality**

- ➢ **Data Encryption on RPC**

- ➢ **Data Encryption on Block data transfer.**

- ➢ **Data Encryption on HTTP**

- ➢ **Configuration**

- ➢ **Permissions for both HDFS and local fileSystem paths**

- ➢ **Common Configurations**

- ➢ **WebHDFS**

- ➢ **Multihoming**

- ➢ **Troubleshooting with KDiag**