**ZooKeeper Installation**

**cd ~**

**wget http://mirror.fibergrid.in/apache/zookeeper/zookeeper-3.4.6/**[zookeeper-3.4.6.tar.gz](http://mirror.fibergrid.in/apache/zookeeper/zookeeper-3.4.6/zookeeper-3.4.6.tar.gz)

tar -zxf zookeeper-3.4.6.tar.gz

sudo mv zookeeper-3.4.6 zookeeper

sudo mv zookeeper /usr/local

sudo mkdir /usr/local/zookeeper/data

sudo chmod 777 /usr/local/zookeeper/data

sudo chown -R hduser:hadoop /usr/local/zookeeper

nano ~/.bashrc

export ZOOKEEPER\_HOME=/usr/local/zookeeper

export PATH=$PATH:/usr/local/zookeeper/bin

source ~/.bashrc

**Create configuration file**

Open configuration file named “conf/zoo.cfg” using the command "nano zoo.cfg" and setting all the following parameters as starting point.

cd /usr/local/zookeeper/conf

nano zoo.cfg

tickTime=2000

dataDir=/usr/local/zookeeper/data

clientPort=2181

initLimit=5

syncLimit=2

Once the configuration file has been saved successfully, you can start the ZooKeeper server.

**Start ZooKeeper Server**

Use the following command to start the ZooKeeper server.

$ bin/zkServer.sh start

After executing this command, you will get a response as follows −

$ JMX enabled by default

$ Using config: /Users/../zookeeper-3.4.6/bin/../conf/zoo.cfg

$ Starting zookeeper ... STARTED

**Start CLI**

Use the following command to start the CLI.

$ bin/zkCli.sh

After executing the above command, you will be connected to the ZooKeeper server and get the following response.

Connecting to localhost:2181

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Welcome to ZooKeeper!

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WATCHER::

WatchedEvent state:SyncConnected type: None path:null

[zk: localhost:2181(CONNECTED) 0]

**Stop ZooKeeper Server**

After connecting the server and performing all the operations, you can stop the ZooKeeper server by using the following command.

bin/zkServer.sh stop