

## Steps for hive installation

- Download and Unzip Hive
- Edit **.bashrc** file
- Edit **hive-config.sh** file
- Create **Hive directories** in HDFS
- Initiate **Derby database**
- Configure **hive-site.xml** file

## download and unzip Hive

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wget

<https://downloads.apache.org/hive/hive-3.1.2/apache-hive-3.1.2-bin.tar.gz>

tar xzf apache-hive-3.1.2-bin.tar.gz

## Edit **.bashrc** file

=====

sudo nano .bashrc

export HIVE\_HOME=  
/home/hadoop/apache-hive-3.1.2-bin

```
export PATH=$PATH:$HIVE_HOME/bin
source ~/.bashrc
```

### Edit **hive-config.sh** file

```
=====

sudo nano $HIVE_HOME/bin/hive-
config.sh

export
HADOOP_HOME=/home/hadoop/hadoop-3.2.1
```

### Create **Hive directories** in HDFS

```
=====

hdfs dfs -mkdir /tmp

hdfs dfs -chmod g+w /tmp

hdfs dfs -mkdir -p
/user/hive/warehouse

hdfs dfs -chmod g+w
/user/hive/warehouse
```

### Fixing guava problem – Additional step

```
=====

rm $HIVE_HOME/lib/guava-19.0.jar
```

```
cp
$HADOOP_HOME/share/hadoop/hdfs/lib/g
uava-27.0-jre.jar $HIVE_HOME/lib/
```

## Initialize Derby and hive

=====

```
schematool -initSchema -dbType derby
```

hive

## optional Step – Edit hive-site.xml

=====

```
cd $HIVE_HOME/conf
```

```
cp hive-default.xml.template hive-
site.xml
```

```
sudo nano hive-site.xml – change
metastore location to above created
hdfs path(/user/hive/warehouse)
```