Hive Setup

Setup Mysql:

```
sudo rpm -Uvh https://repo.mysql.com/mysql80-community-release-el7-3.noarch.rpm

sed -i 's/enabled=1/enabled=0/' /etc/yum.repos.d/mysql-community.repo

sudo yum --enablerepo=mysql80-community install mysql-community-server

sudo vi /etc/my.cnf
```

add these content at end of the file

```
bind-address=0.0.0.0
[client]
socket=/var/lib/mysql/mysql.sock
```

the `/etc/my.cnf` file should look like this

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```
[manjunath@ip-10-0-0-33 ~]$ sudo cat  /etc/my.cnf
# For advice on how to change settings please see
# http://dev.mysql.com/doc/refman/8.0/en/server-configuration-defaults.html

[mysqld]
#
# Remove leading # and set to the amount of RAM for the most important data
# cache in MySQL. Start at 70% of total RAM for dedicated server, else 10%.
# innodb_buffer_pool_size = 128M
#
# Remove the leading "# " to disable binary logging
# Binary logging captures changes between backups and is enabled by
# default. It's default setting is log_bin=binlog
# disable_log_bin
#
# Remove leading # to set options mainly useful for reporting servers.
# The server defaults are faster for transactions and fast SELECTs.
# Adjust sizes as needed, experiment to find the optimal values.
# join_buffer_size = 128M
# sort_buffer_size = 2M
# read_rnd_buffer_size = 2M
#
# Remove leading # to revert to previous value for default_authentication_plugin,
# this will increase compatibility with older clients. For background, see:
# https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_default_authenticat
# default-authentication-plugin=mysql_native_password

datadir=/var/lib/mysql
socket=/var/lib/mysql/mysql.sock

log-error=/var/log/mysqld.log
pid-file=/var/run/mysqld/mysqld.pid

bind-address=0.0.0.0
[client]
socket=/var/lib/mysql/mysql.sock
```

```
sudo systemctl start mysqld
```

```
sudo grep "A temporary password" /var/log/mysqld.log
```
copy temporary password

```
sudo mysql_secure_installation
```
For this prompt provide the temporary password , and provide the new password like `Password@123`

```
mysql --user root --password=Password@123 --host=localhost --execute="CREATE USER IF NOT EXISTS
'root'@'10.%' IDENTIFIED BY 'Password@123';GRANT ALL PRIVILEGES ON . TO 'root'@'10.%' WITH GRANT OPTION;
FLUSH PRIVILEGES;"
```

```
sudo systemctl enable mysqld
```

```
mysql -uroot -pPassword@123
```

In mysql shell create metastore database
```
create database metastore ;
```

Install hive-metastore:

make sure bigtop yum utils is installed
```
sudo yum install -y epel-release
```

```
sudo yum install -y hive-metastore hive-server2 mysql-connector-java mariadb MySQL-python
```

```
hdfs dfs -mkdir -p /apps/hive/warehouse
```

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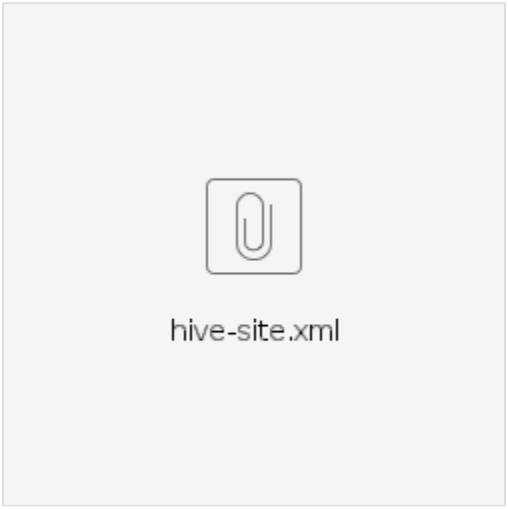
```
hdfs dfs -chmod -R 777 /apps/hive/warehouse
```

Copy the contents of this attached file



, and modify the values for following name `javax.jdo.option.ConnectionURL` `hive.metastore.uris` `hive.server2.thrift.bind.host` `javax.jdo.option.ConnectionUserName`(root) `javax.jdo.option.ConnectionPassword` (Password@123)

```
cd /usr/lib/hive/scripts/metastore/upgrade/mysql
mysql -uroot -pPassword@123 metastore < hive-schema-2.3.0.mysql.sql
```

```
sudo /etc/init.d/hive-metastore start
```

```
sudo systemctl enable hive-metastore
```

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