

Mariadb installation

Yum install -y mariadb*

Systemctl start mariadb.service

Systemctl enable mariadb.service

Configuration file :-

/etc/my.cnf

/etc/my.cnf.d/mariadb-server.cnf

Mysql_secure_installation

How to login in mysql

Mysql -u root -p

>/help

>show databases;

>use databasename;

>show tables;

How to create database

>create database cricket;

How to create tables in databases

>create table player (personid int , name varchar(255) , hand
varchar(255) , type varchar(255));

>show tables;

>describe player;

How put data into table

>insert into player (personid,name,hand,type) values
(1,'sachin','right','batsman');

```
>insert into player (persopnid,name,hand,type) values  
(2,'dhoni','right','wk-batsman');  
>describe player;
```

```
Select * from player;
```

How to update or edit table

```
>update player set personid="5" where name = "dhoni";
```

```
>select name from player;
```

```
>select * from player where personid='1';
```

```
>select name from player where personid < 2;
```

```
>select name from player where personid <= 2;
```

```
>select name from player where personid between 2 and 5 ;
```

```
>delete from player where name='sachin';
```

How to create user

```
>create user mahi@localhost identified by 'redhat';
```

```
>grant select,update,delete,insert on cricket.* to mahi@localhost;
```

```
>flush privileges;
```

```
>revoke select,update,delete,insert on cricket.* from mahi@localhost;
```

```
>create user virat@192.168.12.13 indentified by 'redhat'
```

```
>drop user mahi@localhost;
```

Now go to remote machine and login into mysql

```
mysql -u virat -h 192.168.34.56 -p
```

#skip networking

Vim /etc/my.conf

Skip-networking=1

#user creation options

Sunil - user sunil can connect from any host

sunil@'%' - user sunil can connect from any host.

sunil@'localhost' - user sunil can only connect from localhost

sunil@'ip' - user sunil can only connect from the IP that we mentioned

sunil@'192.18.45.*' - user sunil can connect from any address that belongs to the network

How to create backup of database

Here 2 types of backup

1. Physical backup
2. Logical backup

mysqldump -u root -p cricket > /backup/abc.dump

Now delete cricket database

>drop database cricket;

Now restore database. so to restore the deleted database 1st we create a new database

>create database ipl;

Mysql -u root -p ipl < /backup/abc.dump

> Select user from mysql.user;