**Creating new user in mysql and granting permissions to him**

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open ubuntu ec2 instance

[]$ sudo apt-get update

sudo mysql

mysql> select user, host from mysql.user

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|user |host |

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|mysql.sys |localhost |

|root |localhost |

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mysql>create user 'bob'@'localhost' identified by 'password1'

mysql>show grants for 'bob'@'localhost';

it shows permissions of bob

mysql>show grants;

it shows the privileges of the current user in this case it is root

mysql>grant select on \*.\* to 'bob'@'localhost';

mysql>grant insert on classDB.users to 'bob'@localhost';

mysql>show grants for 'bob'@'localhost'

it shows

select \*.\*

insert on class.DB

mysql>use classDB;

mysql>desc users;

mysql>grant update(age) on calssDB.users to 'bob'@'localhost';

mysql>show grants for 'bob'@'localhost';

it shows

select on \*.\*

insert on classDB.users

update age on classDB.users

mysql>revoke insert on classDB.users to 'bob'@'localhost';

mysql>create user 'sue'@'localhost' identified by '12345';

mysql>select host, user from mysql.users;

mysql>grant all privileges on \*.\* to 'sue'@'localhost' with grant option;

with grant option means she can allot permissions to others as well

mysql>exit

[ ]$ mysql -u sue -p

Enter passwors:

mysql>show grants;

mysql>drop user 'bob'@'loalhost';

mysql>select user, host from mysql.users;

mysql>create user 'nancy' identified by '123456';

mysql>create user 'nancy'@'localhost' identified by '123456';

mysql>create user 'nancy'@'192.168.1.2' identified by '123456';

mysql>select user, host from mysql.users;

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|users | host |

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|nancy | % |

|nancy | lcoalhost |

|nancy | 192.168.1.2 |

|root | localost |

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under the host % means nancy can log in form any where