Manage Users
cqlsh

Add Role

Till now we have used "cassandra"
as our username/password

This is a role, it is a super user role
which allow special admin privileges

Let's create a new role

Add Role

```
cassandra@cqlsh> create role appUser with password = 'password' and LOGIN = true
and superuser = true;
```

command to create a role

After version 2.2, authentication is based on roles

CREATE USER is present only for backward compatibility

Add Role

```
cassandra@cqlsh> create role appUser with password = 'password' and LOGIN = true
 and superuser = true;
```

name of the role

Add Role

```
cassandra@cqlsh> create role appUser with password = 'password' and LOGIN = true
 and superuser = true;
```

password for the role

password will be required

if cluster is created with PasswordAuthentication

Add Role

```
cassandra@cqlsh> create role appUser with password = 'password' and LOGIN = true
 and superuser = true;
```

password for the role

if default authentication is
used to create cluster

then we do not need to set a
password for the role

Add Role

```
cassandra@cqlsh> create role appUser with password = 'password' and LOGIN = true
and superuser = true;
```

whether the role has superuser status

role with superuser status can create or drop roles and grant permissions

cassandra is a role with superuser status

Add Role

Lets login with this this new username/password

```
>cqlsh -u appuser -p password
Connected to easybuy at 127.0.0.1:9042.
[cqlsh 5.0.1 | Cassandra 3.7 | CQL spec 3.4.2 | Native protocol v4]
Use HELP for help.
appuser@cqlsh>
```

Drop Role
cqsh

Drop Role

Only roles with superuser status can drop roles

Let's first add a dummy role

```
appuser@cqlsh> create role dummy with password = 'password1' and LOGIN = true ;
```

default value of superuser is false

dummy role doesn't have a superuser status

Drop Role

Only roles with superuser status can drop roles

Let's first add a dummy role

```
appuser@cqlsh> create role dummy with password = 'password1' and LOGIN = true ;
```

Note that we add the new role when we're logged in as the appuser role just created

Drop Role

Let's list all roles

```
appuser@cqlsh> list roles;

 role       | super | login | options
------------+-------+-------+---------
    appuser |  True |  True |      {}
  cassandra |  True |  True |      {}
      dummy | False |  True |      {}

(3 rows)
```

Drop Role

Let's drop the dummy role

```
appuser@cqlsh> drop role dummy;
```

command to drop role

Drop Role

Let's drop the dummy role

```
appuser@cqlsh> drop role dummy;
```

name of the role to be dropped

Drop Role

Let's drop the dummy role

```
appuser@cqlsh> drop role dummy;
```

Still logged in as the
appuser super user role

Drop Role

Let's list all roles

```
appuser@cqlsh> list roles;

 role       | super | login | options
------------+-------+-------+---------
    appuser | True  | True  |      {}
  cassandra | True  | True  |      {}

(2 rows)
```

dumy role has been deleted