**MySQL Separation of Duties Control Policy (NIST AC-5)**

1. Have separate duties for each user .
2. Those users shouldn’t be able to access other user stuff .

**MySQL Separation of Duties Configuration (NIST AC-5)**

Already have users and roles created from last nist-2 controls which are

1. USERS and Their Roles:

GRANT SELECT ON GroupProj.\* to manager;

GRANT SHOW DATABASES on \*.\* to manager;

GRANT SELECT, INSERT, UPDATE, DELETE on GroupProj.\* to manager;

GRANT SELECT ON GroupProj.\* to readonly;

Expected response for all the above:

Query OK, 0 rows affected (0.02 sec)

1. Testing controls for manager:

Open sql terminal

Mysql -u el -p;

SET ROLE manager;

SELECT CURRENT\_ROLE;

ADD TABLE TEST;

DROP TABLE TEST:

Expected response for all the above:

Query OK, 0 rows affected (0.02 sec)

1. Testing controls for manager:

Open sql terminal

Mysql -u el -p;

SET ROLE readonly;

SELECT CURRENT\_ROLE;

ADD TABLE TEST;

Expected response for all the above:

Query OK, 0 rows affected (0.02 sec)

Got an error while adding the table TEST

ERROR 1044(42000): Acess denied for user ‘ge’@’localhost’

CREATE TABLE TEST denied in database ‘GroupProj’