**Commands Used:**

**//windows**

netsh advfirewall firewall add rule name="MySQL" dir=in action=allow protocol=TCP localport=3306

**//ubuntu**

sudo apt update

sudo apt install mysql-server -y

sudo mysql\_secure\_installation

sudo ufw allow 3306

**//windows**

Edit my.ini (typically in C:\ProgramData\MySQL\MySQL Server 8.0\

[mysqld]

server-id = 1

log\_bin = mysql-bin

binlog\_format = ROW

binlog-do-db = shared\_db

bind-address = 0.0.0.0

////

net stop mysql80

net start mysql80

**//ubuntu**

sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf

server-id = 2

log\_bin = mysql-bin

binlog\_format = ROW

relay\_log = mysql-relay-bin

log\_slave\_updates = 1

read\_only = 1

binlog-do-db = shared\_db

bind-address = 0.0.0.0

/////

sudo service mysql restart

**//windows**

mysql -u root -p

CREATE USER 'replicator'@'%' IDENTIFIED BY 'password';

GRANT REPLICATION SLAVE ON \*.\* TO 'replicator'@'%';

FLUSH PRIVILEGES;

SHOW MASTER STATUS;

**//ubuntu**

sudo mysql -u root -p

CHANGE MASTER TO

MASTER\_HOST='172.29.176.1',

MASTER\_USER='replicator',

MASTER\_PASSWORD='password',

MASTER\_LOG\_FILE='binlog.000014',

MASTER\_LOG\_POS=868;

START SLAVE;

SHOW SLAVE STATUS\G