**MySQL Remote Access Configuration for XPerience Server**

**1. MySQL Changes**

To allow the XPerience Server to connect to the MySQL database running on Ubuntu VM from the host machine, follow these steps:

***Step 1: Run the MySQL Configuration Script***

Execute the event.sql file to set up the database, create the required table, and grant remote access.

To execute this script, run the following command in Ubuntu VM.

“mysql -u root -p < event.sql”

***Step 2: Allow Remote Connections in MySQL Configuration***

Edit the MySQL configuration file.

Run

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

Find this line:

“bind-address = 127.0.0.1” and change to “bind-address = 0.0.0.0”

This allows MySQL to accept connections from any IP address. Save the file and exit.

***Step 3: Restart MySQL Service***

After making changes, restart MySQL to apply them by running the below command. Run

“sudo systemctl restart mysql”

Now, MySQL should be ready to accept connections from external machines.

***Step 4: Ensure MySQL is Listening for Remote Connections***

Run the following command to check if MySQL is listening on port 3306:

“sudo ss -tlnp | grep mysql”

The expected output should be something similar to the below.

LISTEN 0 151 0.0.0.0:3306 0.0.0.0:\* users:(("mysqld",pid=2416,fd=23))

LISTEN 0 70 127.0.0.1:33060 0.0.0.0:\* users:(("mysqld",pid=2416,fd=21))

This confirms that MySQL is listening on all IP addresses (0.0.0.0) on port 3306.

**2. MySQL Sockets Screenshot**

Below is a screenshot showing the output of the command:

“sudo ss -tlnp | grep mysql”

