How to host ec2 instance on public subnet and launch RDS on private subnet and establish a connection between application and database(RDS) and launch the application and everything on our own VPC accross multiple AZ

ubuntu@ip-10-0-1-33:~$ sudo apt-get update

Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease

Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]

Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [99.8 kB]

Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]

Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]

Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]

Get:7 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [499 kB]

Get:8 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [108 kB]

Get:9 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [412 kB]

Get:10 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [62.9 kB]

Get:11 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [619 kB]

Get:12 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [81.1 kB]

Get:13 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [2408 B]

Get:14 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [4192 B]

Get:15 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [900 B]

Get:16 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [228 B]

Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]

Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]

Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]

Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]

Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [734 kB]

Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [165 kB]

Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [10.9 kB]

Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [453 kB]

Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [69.3 kB]

Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 c-n-f Metadata [584 B]

Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [757 kB]

Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [126 kB]

Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [4404 B]

Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [7216 B]

Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [2360 B]

Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [420 B]

Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [3008 B]

Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [1432 B]

Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [272 B]

Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]

Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [6740 B]

Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [9360 B]

Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [352 B]

Get:40 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]

Fetched 24.8 MB in 4s (6347 kB/s)

Reading package lists... Done

ubuntu@ip-10-0-1-33:~$ sudo apt-get install libapache2-mod-php

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following additional packages will be installed:

apache2 apache2-bin apache2-data apache2-utils bzip2 libapache2-mod-php8.1 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap

mime-support php-common php8.1-cli php8.1-common php8.1-opcache php8.1-readline ssl-cert

Suggested packages:

apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc php-pear

The following NEW packages will be installed:

apache2 apache2-bin apache2-data apache2-utils bzip2 libapache2-mod-php libapache2-mod-php8.1 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap

liblua5.3-0 mailcap mime-support php-common php8.1-cli php8.1-common php8.1-opcache php8.1-readline ssl-cert

0 upgraded, 20 newly installed, 0 to remove and 90 not upgraded.

Need to get 7253 kB of archives.

After this operation, 29.8 MB of additional disk space will be used.

Do you want to continue? [Y/n] y

Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libapr1 amd64 1.7.0-8build1 [107 kB]

Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libaprutil1 amd64 1.6.1-5ubuntu4 [92.4 kB]

Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.1-5ubuntu4 [11.3 kB]

Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libaprutil1-ldap amd64 1.6.1-5ubuntu4 [9162 B]

Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 liblua5.3-0 amd64 5.3.6-1build1 [140 kB]

Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-bin amd64 2.4.52-1ubuntu4.2 [1344 kB]

Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-data all 2.4.52-1ubuntu4.2 [165 kB]

Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-utils amd64 2.4.52-1ubuntu4.2 [89.3 kB]

Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mailcap all 3.70+nmu1ubuntu1 [23.8 kB]

Get:10 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mime-support all 3.66 [3696 B]

Get:11 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2 amd64 2.4.52-1ubuntu4.2 [97.9 kB]

Get:12 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 bzip2 amd64 1.0.8-5build1 [34.8 kB]

Get:13 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 php-common all 2:92ubuntu1 [12.4 kB]

Get:14 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-common amd64 8.1.2-1ubuntu2.9 [1126 kB]

Get:15 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-opcache amd64 8.1.2-1ubuntu2.9 [365 kB]

Get:16 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-readline amd64 8.1.2-1ubuntu2.9 [13.5 kB]

Get:17 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-cli amd64 8.1.2-1ubuntu2.9 [1833 kB]

Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libapache2-mod-php8.1 amd64 8.1.2-1ubuntu2.9 [1764 kB]

Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 libapache2-mod-php all 2:8.1+92ubuntu1 [2898 B]

Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 ssl-cert all 1.1.2 [17.4 kB]

Fetched 7253 kB in 0s (43.8 MB/s)

Preconfiguring packages ...

Selecting previously unselected package libapr1:amd64.

(Reading database ... 63663 files and directories currently installed.)

Preparing to unpack .../00-libapr1\_1.7.0-8build1\_amd64.deb ...

Unpacking libapr1:amd64 (1.7.0-8build1) ...

Selecting previously unselected package libaprutil1:amd64.

Preparing to unpack .../01-libaprutil1\_1.6.1-5ubuntu4\_amd64.deb ...

Unpacking libaprutil1:amd64 (1.6.1-5ubuntu4) ...

Selecting previously unselected package libaprutil1-dbd-sqlite3:amd64.

Preparing to unpack .../02-libaprutil1-dbd-sqlite3\_1.6.1-5ubuntu4\_amd64.deb ...

Unpacking libaprutil1-dbd-sqlite3:amd64 (1.6.1-5ubuntu4) ...

Selecting previously unselected package libaprutil1-ldap:amd64.

Preparing to unpack .../03-libaprutil1-ldap\_1.6.1-5ubuntu4\_amd64.deb ...

Unpacking libaprutil1-ldap:amd64 (1.6.1-5ubuntu4) ...

Selecting previously unselected package liblua5.3-0:amd64.

Preparing to unpack .../04-liblua5.3-0\_5.3.6-1build1\_amd64.deb ...

Unpacking liblua5.3-0:amd64 (5.3.6-1build1) ...

Selecting previously unselected package apache2-bin.

Preparing to unpack .../05-apache2-bin\_2.4.52-1ubuntu4.2\_amd64.deb ...

Unpacking apache2-bin (2.4.52-1ubuntu4.2) ...

Selecting previously unselected package apache2-data.

Preparing to unpack .../06-apache2-data\_2.4.52-1ubuntu4.2\_all.deb ...

Unpacking apache2-data (2.4.52-1ubuntu4.2) ...

Selecting previously unselected package apache2-utils.

Preparing to unpack .../07-apache2-utils\_2.4.52-1ubuntu4.2\_amd64.deb ...

Unpacking apache2-utils (2.4.52-1ubuntu4.2) ...

Selecting previously unselected package mailcap.

Preparing to unpack .../08-mailcap\_3.70+nmu1ubuntu1\_all.deb ...

Unpacking mailcap (3.70+nmu1ubuntu1) ...

Selecting previously unselected package mime-support.

Preparing to unpack .../09-mime-support\_3.66\_all.deb ...

Unpacking mime-support (3.66) ...

Selecting previously unselected package apache2.

Preparing to unpack .../10-apache2\_2.4.52-1ubuntu4.2\_amd64.deb ...

Unpacking apache2 (2.4.52-1ubuntu4.2) ...

Selecting previously unselected package bzip2.

Preparing to unpack .../11-bzip2\_1.0.8-5build1\_amd64.deb ...

Unpacking bzip2 (1.0.8-5build1) ...

Selecting previously unselected package php-common.

Preparing to unpack .../12-php-common\_2%3a92ubuntu1\_all.deb ...

Unpacking php-common (2:92ubuntu1) ...

Selecting previously unselected package php8.1-common.

Preparing to unpack .../13-php8.1-common\_8.1.2-1ubuntu2.9\_amd64.deb ...

Unpacking php8.1-common (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package php8.1-opcache.

Preparing to unpack .../14-php8.1-opcache\_8.1.2-1ubuntu2.9\_amd64.deb ...

Unpacking php8.1-opcache (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package php8.1-readline.

Preparing to unpack .../15-php8.1-readline\_8.1.2-1ubuntu2.9\_amd64.deb ...

Unpacking php8.1-readline (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package php8.1-cli.

Preparing to unpack .../16-php8.1-cli\_8.1.2-1ubuntu2.9\_amd64.deb ...

Unpacking php8.1-cli (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package libapache2-mod-php8.1.

Preparing to unpack .../17-libapache2-mod-php8.1\_8.1.2-1ubuntu2.9\_amd64.deb ...

Unpacking libapache2-mod-php8.1 (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package libapache2-mod-php.

Preparing to unpack .../18-libapache2-mod-php\_2%3a8.1+92ubuntu1\_all.deb ...

Unpacking libapache2-mod-php (2:8.1+92ubuntu1) ...

Selecting previously unselected package ssl-cert.

Preparing to unpack .../19-ssl-cert\_1.1.2\_all.deb ...

Unpacking ssl-cert (1.1.2) ...

Setting up php-common (2:92ubuntu1) ...

Created symlink /etc/systemd/system/timers.target.wants/phpsessionclean.timer → /lib/systemd/system/phpsessionclean.timer.

Setting up php8.1-common (8.1.2-1ubuntu2.9) ...

Creating config file /etc/php/8.1/mods-available/calendar.ini with new version

Creating config file /etc/php/8.1/mods-available/ctype.ini with new version

Creating config file /etc/php/8.1/mods-available/exif.ini with new version

Creating config file /etc/php/8.1/mods-available/fileinfo.ini with new version

Creating config file /etc/php/8.1/mods-available/ffi.ini with new version

Creating config file /etc/php/8.1/mods-available/ftp.ini with new version

Creating config file /etc/php/8.1/mods-available/gettext.ini with new version

Creating config file /etc/php/8.1/mods-available/iconv.ini with new version

Creating config file /etc/php/8.1/mods-available/pdo.ini with new version

Creating config file /etc/php/8.1/mods-available/phar.ini with new version

Creating config file /etc/php/8.1/mods-available/posix.ini with new version

Creating config file /etc/php/8.1/mods-available/shmop.ini with new version

Creating config file /etc/php/8.1/mods-available/sockets.ini with new version

Creating config file /etc/php/8.1/mods-available/sysvmsg.ini with new version

Creating config file /etc/php/8.1/mods-available/sysvsem.ini with new version

Creating config file /etc/php/8.1/mods-available/sysvshm.ini with new version

Creating config file /etc/php/8.1/mods-available/tokenizer.ini with new version

Setting up libapr1:amd64 (1.7.0-8build1) ...

Setting up bzip2 (1.0.8-5build1) ...

Setting up ssl-cert (1.1.2) ...

Setting up liblua5.3-0:amd64 (5.3.6-1build1) ...

Setting up php8.1-readline (8.1.2-1ubuntu2.9) ...

Creating config file /etc/php/8.1/mods-available/readline.ini with new version

Setting up apache2-data (2.4.52-1ubuntu4.2) ...

Setting up mailcap (3.70+nmu1ubuntu1) ...

Setting up php8.1-opcache (8.1.2-1ubuntu2.9) ...

Creating config file /etc/php/8.1/mods-available/opcache.ini with new version

Setting up libaprutil1:amd64 (1.6.1-5ubuntu4) ...

Setting up mime-support (3.66) ...

Setting up libaprutil1-ldap:amd64 (1.6.1-5ubuntu4) ...

Setting up libaprutil1-dbd-sqlite3:amd64 (1.6.1-5ubuntu4) ...

Setting up php8.1-cli (8.1.2-1ubuntu2.9) ...

update-alternatives: using /usr/bin/php8.1 to provide /usr/bin/php (php) in auto mode

update-alternatives: using /usr/bin/phar8.1 to provide /usr/bin/phar (phar) in auto mode

update-alternatives: using /usr/bin/phar.phar8.1 to provide /usr/bin/phar.phar (phar.phar) in auto mode

Creating config file /etc/php/8.1/cli/php.ini with new version

Setting up apache2-utils (2.4.52-1ubuntu4.2) ...

Setting up apache2-bin (2.4.52-1ubuntu4.2) ...

Setting up libapache2-mod-php8.1 (8.1.2-1ubuntu2.9) ...

Package apache2 is not configured yet. Will defer actions by package libapache2-mod-php8.1.

Creating config file /etc/php/8.1/apache2/php.ini with new version

No module matches

Setting up apache2 (2.4.52-1ubuntu4.2) ...

Enabling module mpm\_event.

Enabling module authz\_core.

Enabling module authz\_host.

Enabling module authn\_core.

Enabling module auth\_basic.

Enabling module access\_compat.

Enabling module authn\_file.

Enabling module authz\_user.

Enabling module alias.

Enabling module dir.

Enabling module autoindex.

Enabling module env.

Enabling module mime.

Enabling module negotiation.

Enabling module setenvif.

Enabling module filter.

Enabling module deflate.

Enabling module status.

Enabling module reqtimeout.

Enabling conf charset.

Enabling conf localized-error-pages.

Enabling conf other-vhosts-access-log.

Enabling conf security.

Enabling conf serve-cgi-bin.

Enabling site 000-default.

info: Switch to mpm prefork for package libapache2-mod-php8.1

Module mpm\_event disabled.

Enabling module mpm\_prefork.

info: Executing deferred 'a2enmod php8.1' for package libapache2-mod-php8.1

Enabling module php8.1.

Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.

Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.

Setting up libapache2-mod-php (2:8.1+92ubuntu1) ...

Processing triggers for ufw (0.36.1-4build1) ...

Processing triggers for man-db (2.10.2-1) ...

Processing triggers for libc-bin (2.35-0ubuntu3.1) ...

Processing triggers for php8.1-cli (8.1.2-1ubuntu2.9) ...

Processing triggers for libapache2-mod-php8.1 (8.1.2-1ubuntu2.9) ...

Scanning processes...

Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

ubuntu@ip-10-0-1-33:~$ sudo apt-get install apache2 php php-mysql

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

apache2 is already the newest version (2.4.52-1ubuntu4.2).

apache2 set to manually installed.

The following additional packages will be installed:

php8.1 php8.1-mysql

The following NEW packages will be installed:

php php-mysql php8.1 php8.1-mysql

0 upgraded, 4 newly installed, 0 to remove and 90 not upgraded.

Need to get 144 kB of archives.

After this operation, 551 kB of additional disk space will be used.

Do you want to continue? [Y/n] y

Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1 all 8.1.2-1ubuntu2.9 [9154 B]

Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 php all 2:8.1+92ubuntu1 [2756 B]

Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-mysql amd64 8.1.2-1ubuntu2.9 [130 kB]

Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 php-mysql all 2:8.1+92ubuntu1 [1834 B]

Fetched 144 kB in 0s (6008 kB/s)

Selecting previously unselected package php8.1.

(Reading database ... 64557 files and directories currently installed.)

Preparing to unpack .../php8.1\_8.1.2-1ubuntu2.9\_all.deb ...

Unpacking php8.1 (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package php.

Preparing to unpack .../php\_2%3a8.1+92ubuntu1\_all.deb ...

Unpacking php (2:8.1+92ubuntu1) ...

Selecting previously unselected package php8.1-mysql.

Preparing to unpack .../php8.1-mysql\_8.1.2-1ubuntu2.9\_amd64.deb ...

Unpacking php8.1-mysql (8.1.2-1ubuntu2.9) ...

Selecting previously unselected package php-mysql.

Preparing to unpack .../php-mysql\_2%3a8.1+92ubuntu1\_all.deb ...

Unpacking php-mysql (2:8.1+92ubuntu1) ...

Setting up php8.1 (8.1.2-1ubuntu2.9) ...

Setting up php8.1-mysql (8.1.2-1ubuntu2.9) ...

Creating config file /etc/php/8.1/mods-available/mysqlnd.ini with new version

Creating config file /etc/php/8.1/mods-available/mysqli.ini with new version

Creating config file /etc/php/8.1/mods-available/pdo\_mysql.ini with new version

Setting up php (2:8.1+92ubuntu1) ...

Setting up php-mysql (2:8.1+92ubuntu1) ...

Processing triggers for libapache2-mod-php8.1 (8.1.2-1ubuntu2.9) ...

Processing triggers for php8.1-cli (8.1.2-1ubuntu2.9) ...

Scanning processes...

Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

ubuntu@ip-10-0-1-33:~$ git clone https://github.com/sreepathysois/phpmysql-app.git

Cloning into 'phpmysql-app'...

remote: Enumerating objects: 321, done.

remote: Counting objects: 100% (33/33), done.

remote: Compressing objects: 100% (27/27), done.

remote: Total 321 (delta 19), reused 5 (delta 5), pack-reused 288

Receiving objects: 100% (321/321), 13.80 MiB | 33.16 MiB/s, done.

Resolving deltas: 100% (58/58), done.

ubuntu@ip-10-0-1-33:~$ ls

phpmysql-app

ubuntu@ip-10-0-1-33:~$ sudo cp -rf phpmysql-app/\* /var/www/html/.

ubuntu@ip-10-0-1-33:~$ sudo vi /etc/apache2/mods-enabled/dir.conf

ubuntu@ip-10-0-1-33:~$ sudo vi /etc/apache2/mods-enabled/dir.conf

ubuntu@ip-10-0-1-33:~$ sudo vi /etc/apache2/mods-enabled/dir.conf

ubuntu@ip-10-0-1-33:~$ sudo vi /etc/apache2/mods-enabled/dir.conf

ubuntu@ip-10-0-1-33:~$ sudo systemctl restart apache2

ubuntu@ip-10-0-1-33:~$ sudo apt-get install mysql-client

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following additional packages will be installed:

mysql-client-8.0 mysql-client-core-8.0 mysql-common

The following NEW packages will be installed:

mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common

0 upgraded, 4 newly installed, 0 to remove and 90 not upgraded.

Need to get 2702 kB of archives.

After this operation, 62.3 MB of additional disk space will be used.

Do you want to continue? [Y/n] y

Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd64 8.0.31-0ubuntu0.22.04.1 [2663 kB]

Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7212 B]

Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0.31-0ubuntu0.22.04.1 [22.7 kB]

Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client all 8.0.31-0ubuntu0.22.04.1 [9428 B]

Fetched 2702 kB in 0s (35.4 MB/s)

Selecting previously unselected package mysql-client-core-8.0.

(Reading database ... 64581 files and directories currently installed.)

Preparing to unpack .../mysql-client-core-8.0\_8.0.31-0ubuntu0.22.04.1\_amd64.deb ...

Unpacking mysql-client-core-8.0 (8.0.31-0ubuntu0.22.04.1) ...

Selecting previously unselected package mysql-common.

Preparing to unpack .../mysql-common\_5.8+1.0.8\_all.deb ...

Unpacking mysql-common (5.8+1.0.8) ...

Selecting previously unselected package mysql-client-8.0.

Preparing to unpack .../mysql-client-8.0\_8.0.31-0ubuntu0.22.04.1\_amd64.deb ...

Unpacking mysql-client-8.0 (8.0.31-0ubuntu0.22.04.1) ...

Selecting previously unselected package mysql-client.

Preparing to unpack .../mysql-client\_8.0.31-0ubuntu0.22.04.1\_all.deb ...

Unpacking mysql-client (8.0.31-0ubuntu0.22.04.1) ...

Setting up mysql-common (5.8+1.0.8) ...

update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf (my.cnf) in auto mode

Setting up mysql-client-core-8.0 (8.0.31-0ubuntu0.22.04.1) ...

Setting up mysql-client-8.0 (8.0.31-0ubuntu0.22.04.1) ...

Setting up mysql-client (8.0.31-0ubuntu0.22.04.1) ...

Processing triggers for man-db (2.10.2-1) ...

Scanning processes...

Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

ubuntu@ip-10-0-1-33:~$ sudo mysql -u msis -p lab-password

Enter password:

ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/run/mysqld/mysqld.sock' (2)

ubuntu@ip-10-0-1-33:~$ sudo mysql -h database-1.cddd05btjupi.us-east-1.rds.amazonaws.com -u msis -p lab-password

Enter password:

ERROR 1049 (42000): Unknown database 'lab-password'

ubuntu@ip-10-0-1-33:~$ sudo mysql -h database-1.cddd05btjupi.us-east-1.rds.amazonaws.com -u msis -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 18

Server version: 8.0.28 Source distribution

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| ecommdb |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

+--------------------+

5 rows in set (0.00 sec)

mysql>

mysql> exit

Bye

ubuntu@ip-10-0-1-33:~$ cd phpmysql-app/

ubuntu@ip-10-0-1-33:~/phpmysql-app$ ls

Jenkinsfile docker-compose.yml ecommerce\_mysql\_db\_deployment.yaml ecommerce\_php\_app\_deployment.yaml php

README.md docker-compose\_updated.yml ecommerce\_mysql\_db\_service.yaml ecommerce\_php\_app\_service.yaml

ubuntu@ip-10-0-1-33:~/phpmysql-app$ cd /var/www/html/

ubuntu@ip-10-0-1-33:/var/www/html$ ls

Jenkinsfile docker-compose.yml ecommerce\_mysql\_db\_deployment.yaml ecommerce\_php\_app\_deployment.yaml index.html

README.md docker-compose\_updated.yml ecommerce\_mysql\_db\_service.yaml ecommerce\_php\_app\_service.yaml php

ubuntu@ip-10-0-1-33:/var/www/html$ sudo rm -rf \*

ubuntu@ip-10-0-1-33:/var/www/html$ ls

ubuntu@ip-10-0-1-33:/var/www/html$ sudo cp -rf /home/ubuntu/phpmysql-app/php/online-shopping-system/\* .

ubuntu@ip-10-0-1-33:/var/www/html$ ls

Dockerfile \_config.yml cart.php css fonts img login\_form.php payment\_success.php register\_form.php

Dockerfile\_update\_webapp action.php checkout.php database footer.php index.php logout.php product.php store.php

LICENSE admin checkout\_process.php db.php header.php js newslettter.php product\_images

README.md body.php config.php error.php homeaction.php login.php offersmail.php register.php

ubuntu@ip-10-0-1-33:/var/www/html$ sudo systemctl restart apache2

ubuntu@ip-10-0-1-33:/var/www/html$

ubuntu@ip-10-0-1-33:/var/www/html$ cd database/

ubuntu@ip-10-0-1-33:/var/www/html/database$ ls

Dockerfile\_db onlineshop.sql

ubuntu@ip-10-0-1-33:/var/www/html/database$ sudo mysql -h database-1.cddd05btjupi.us-east-1.rds.amazonaws.com -u msis -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 20

Server version: 8.0.28 Source distribution

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| ecommdb |

| information\_schema |

| mysql |

| performance\_schema |

| sys |

+--------------------+

5 rows in set (0.00 sec)

mysql> use ecommdb;

Database changed

mysql> show tables;

Empty set (0.01 sec)

mysql> source onlineshop.sql;

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

ERROR 1227 (42000): Access denied; you need (at least one of) the SUPER or SET\_USER\_ID privilege(s) for this operation

Query OK, 0 rows affected, 1 warning (0.02 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 0 rows affected, 1 warning (0.03 sec)

Query OK, 6 rows affected (0.00 sec)

Records: 6 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 4 warnings (0.03 sec)

Query OK, 17 rows affected (0.00 sec)

Records: 17 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 1 warning (0.02 sec)

Query OK, 7 rows affected (0.00 sec)

Records: 7 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 1 warning (0.03 sec)

Query OK, 3 rows affected (0.00 sec)

Records: 3 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 1 warning (0.02 sec)

Query OK, 0 rows affected, 4 warnings (0.02 sec)

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 6 warnings (0.02 sec)

Query OK, 1 row affected (0.00 sec)

Query OK, 0 rows affected, 5 warnings (0.02 sec)

Query OK, 3 rows affected (0.00 sec)

Records: 3 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 4 warnings (0.03 sec)

Query OK, 71 rows affected (0.01 sec)

Records: 71 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected, 1 warning (0.04 sec)

Query OK, 9 rows affected, 1 warning (0.00 sec)

Records: 9 Duplicates: 0 Warnings: 1

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected, 1 warning (0.04 sec)

Query OK, 11 rows affected (0.00 sec)

Records: 11 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.06 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.05 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.07 sec)

Records: 0 Duplicates: 0 Warnings: 0

Query OK, 1 row affected, 1 warning (0.04 sec)

Records: 1 Duplicates: 0 Warnings: 1

Query OK, 6 rows affected, 1 warning (0.08 sec)

Records: 6 Duplicates: 0 Warnings: 1

Query OK, 17 rows affected, 1 warning (0.06 sec)

Records: 17 Duplicates: 0 Warnings: 1

Query OK, 7 rows affected, 1 warning (0.07 sec)

Records: 7 Duplicates: 0 Warnings: 1

Query OK, 3 rows affected, 1 warning (0.05 sec)

Records: 3 Duplicates: 0 Warnings: 1

Query OK, 0 rows affected, 1 warning (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 1

Query OK, 2 rows affected, 1 warning (0.07 sec)

Records: 2 Duplicates: 0 Warnings: 1

Query OK, 1 row affected, 1 warning (0.05 sec)

Records: 1 Duplicates: 0 Warnings: 1

Query OK, 3 rows affected, 1 warning (0.07 sec)

Records: 3 Duplicates: 0 Warnings: 1

Query OK, 71 rows affected, 1 warning (0.04 sec)

Records: 71 Duplicates: 0 Warnings: 1

Query OK, 9 rows affected, 1 warning (0.05 sec)

Records: 9 Duplicates: 0 Warnings: 1

Query OK, 11 rows affected, 1 warning (0.07 sec)

Records: 11 Duplicates: 0 Warnings: 1

Query OK, 1 row affected (0.06 sec)

Records: 1 Duplicates: 0 Warnings: 0

Query OK, 3 rows affected (0.07 sec)

Records: 3 Duplicates: 0 Warnings: 0

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> show tablses;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'tablses' at line 1

mysql> show tables;

+-------------------+

| Tables\_in\_ecommdb |

+-------------------+

| admin\_info |

| brands |

| cart |

| categories |

| email\_info |

| logs |

| order\_products |

| orders |

| orders\_info |

| products |

| user\_info |

| user\_info\_backup |

+-------------------+

12 rows in set (0.01 sec)

mysql> select \* from brands;

+----------+-------------+

| brand\_id | brand\_title |

+----------+-------------+

| 1 | HP |

| 2 | Samsung |

| 3 | Apple |

| 4 | motorolla |

| 5 | LG |

| 6 | Cloth Brand |

+----------+-------------+

6 rows in set (0.01 sec)

mysql> exit

Bye

ubuntu@ip-10-0-1-33:/var/www/html/database$ cd ..

ubuntu@ip-10-0-1-33:/var/www/html$ sudo vi db.php

ubuntu@ip-10-0-1-33:/var/www/html$ sudo systemctl restart apache2

ubuntu@ip-10-0-1-33:/var/www/html$ sudo vi db.php

ubuntu@ip-10-0-1-33:/var/www/html$ sudo systemctl restart apache2

ubuntu@ip-10-0-1-33:/var/www/html$ sudo vi db.php

ubuntu@ip-10-0-1-33:/var/www/html$