EXTRA 6:

This pdf are for those who are finding it tough to connect with the database

>> wordpress instance

```
$ ssh -i mykey1111.pem -l ec2-user 13.235.135.116
The authenticity of host '13.235.135.116 (13.235.135.116)' can't be established.
ECDSA key fingerprint is
SHA256:UFbCEdxfY4FDwMqjXl9EIQJnw4lF+BzVy9zErLfwDQ4.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '13.235.135.116' (ECDSA) to the list of known hosts.


     __|  __|_  )
     _|  (     /   Amazon Linux AMI
     ___|\___|___|


https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
1 package(s) needed for security, out of 3 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-33-77 ~]$ sudo su - root
[root@ip-172-31-33-77 ~]# sudo yum install -y httpd24 php72 mysql57-server
php72-mysqlnd -y
Loaded plugins: priorities, update-motd, upgrade-helper
Resolving Dependencies
--> Running transaction check
---> Package httpd24.x86_64 0:2.4.43-1.89.amzn1 will be installed
--> Processing Dependency: httpd24-tools = 2.4.43-1.89.amzn1 for package:
httpd24-2.4.43-1.89.amzn1.x86_64
Complete!
[root@ip-172-31-33-77 ~]# sudo service httpd start
Starting httpd:                              [  OK  ]
[root@ip-172-31-33-77 ~]# sudo chkconfig httpd on
[root@ip-172-31-33-77 ~]# cd /var/www/html
[root@ip-172-31-33-77 html]# ls
[root@ip-172-31-33-77 html]# wget https://wordpress.org/latest.tar.gz
--2020-07-12 11:33:20--  https://wordpress.org/latest.tar.gz
Resolving wordpress.org (wordpress.org)... 198.143.164.252
Connecting to wordpress.org (wordpress.org)|198.143.164.252|:443... connected.
HTTP request sent, awaiting response... 200 OK
```

```
Length: 12238031 (12M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz
100%[====================================================>]
11.67M  4.20MB/s    in 2.8s

2020-07-12 11:33:23 (4.20 MB/s) - 'latest.tar.gz' saved [12238031/12238031]

[root@ip-172-31-33-77 html]# tar -xzf latest.tar.gz
[root@ip-172-31-33-77 html]# ls
latest.tar.gz  wordpress
[root@ip-172-31-33-77 html]# cd wordpress/
[root@ip-172-31-33-77 wordpress]# ls
index.php    wp-activate.php    wp-comments-post.php  wp-cron.php
wp-load.php   wp-settings.php   xmlrpc.php
license.txt wp-admin         wp-config-sample.php  wp-includes      wp-login.php
wp-signup.php
readme.html  wp-blog-header.php  wp-content          wp-links-opml.php
wp-mail.php   wp-trackback.php
[root@ip-172-31-33-77 wordpress]# cd ../../../..
[root@ip-172-31-33-77 ~]# cd /var/www/html/wordpress
[root@ip-172-31-33-77 wordpress]# ls
index.php    wp-activate.php    wp-comments-post.php  wp-cron.php
wp-load.php   wp-settings.php   xmlrpc.php
license.txt wp-admin         wp-config-sample.php  wp-includes      wp-login.php
wp-signup.php
readme.html  wp-blog-header.php  wp-content          wp-links-opml.php
wp-mail.php   wp-trackback.php
[root@ip-172-31-33-77 wordpress]# vi wp-config.php
[root@ip-172-31-33-77 wordpress]#
```
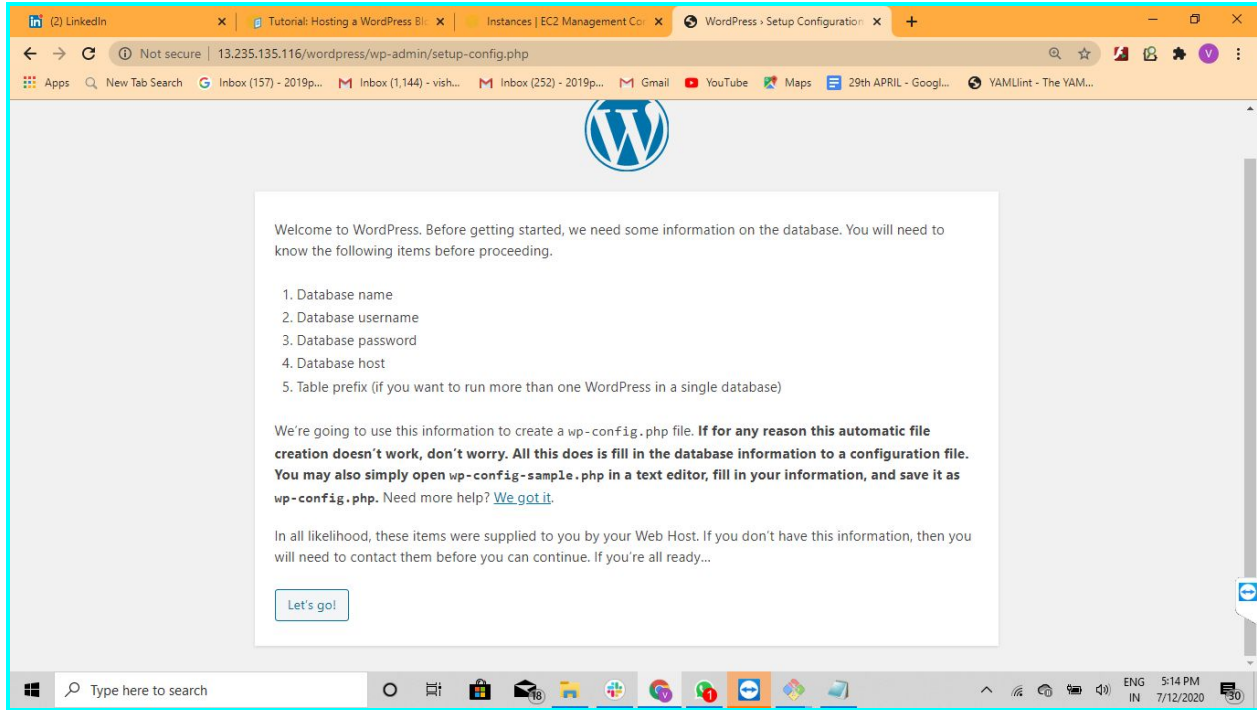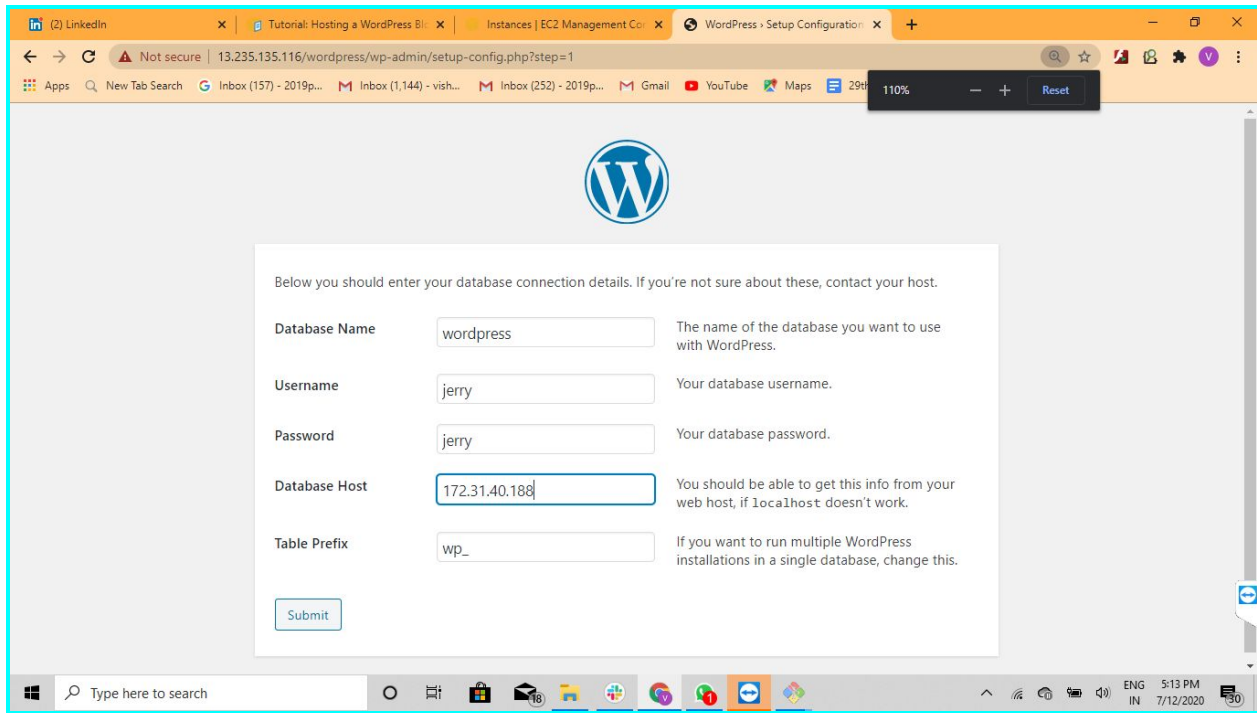
LinkedIn   Launch instance wizard | EC2 Ma...   +

ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard

Apps   New Tab Search   Inbox (157) - 2019p...   Inbox (1,144) - vish...   Inbox (252) - 2019p...   Gmail   YouTube   Maps   29th APRIL - Googl...   YAMLlint - The YAM...

aws   Services   Resource Groups   visheshgargavi   Mumbai   Support

1. Choose AMI   2. Choose Instance Type   3. Configure Instance   4. Add Storage   5. Add Tags   6. Configure Security Group   7. Review

Step 1: Choose an Amazon Machine Image (AMI)   Cancel and Exit

SUSE Linux   SUSE Linux Enterprise Server 15 SP1 (HVM), SSD Volume Type - ami-026e9920feda96473 (64-bit x86)   Select
Free tier eligible   / ami-0bb01365763b34253 (64-bit Arm)
    SUSE Linux Enterprise Server 15 Service Pack 1 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud,   ● 64-bit (x86)
    Advanced Systems Management, Web and Scripting, and Legacy modules enabled.   ○ 64-bit (Arm)

    Root device type: ebs   Virtualization type: hvm   ENA Enabled: Yes

Amazon Linux   Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-08706cb5f68222d09   Select
Free tier eligible   The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools,   64-bit (x86)
    Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

    Root device type: ebs   Virtualization type: hvm   ENA Enabled: Yes

Amazon Linux   Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0732b62d310b80e97 (64-bit x86) / ami-   Select
Free tier eligible   0a03ca89888cfe0c1 (64-bit Arm)
    Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon   ● 64-bit (x86)

Feedback   English (US)

Type here to search   ENG   4:55 PM
    IN   7/12/2020

---

root@ip-172-31-40-188:~

```
[mysqld]
bind-address= 0.0.0.0
datadir=/var/lib/mysql
socket=/var/lib/mysql/mysql.sock
# Disabling symbolic-links is recommended to prevent assorted security risks
symbolic-links=0
# Settings user and group are ignored when systemd is used.
# If you need to run mysqld under a different user or group,
# customize your systemd unit file for mysqld according to the
# instructions in http://fedoraproject.org/wiki/Systemd

[mysqld_safe]
log-error=/var/log/mysqld.log
pid-file=/var/run/mysqld/mysqld.pid
~
~
~
~
~
~
~
~
~
~
~
~
~
-- INSERT --
```

Type here to search   ENG   5:12 PM
    IN   7/12/2020

Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name | wordpress | The name of the database you want to use with WordPress.

Username | jerry | Your database username.

Password | jerry | Your database password.

Database Host | 172.31.40.188 | You should be able to get this info from your web host, if `localhost` doesn't work.

Table Prefix | wp_ | If you want to run multiple WordPress installations in a single database, change this.

Submit

Welcome to WordPress. Before getting started, we need some information on the database. You will need to know the following items before proceeding.

1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

We're going to use this information to create a `wp-config.php` file. **If for any reason this automatic file creation doesn't work, don't worry. All this does is fill in the database information to a configuration file. You may also simply open `wp-config-sample.php` in a text editor, fill in your information, and save it as `wp-config.php`.** Need more help? We got it.

In all likelihood, these items were supplied to you by your Web Host. If you don't have this information, then you will need to contact them before you can continue. If you're all ready...

Let's go!

```php
<?php
/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the
 * installation. You don't have to use the web site, you can
 * copy this file to "wp-config.php" and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * MySQL settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://wordpress.org/support/article/editing-wp-config-php/
 *
 * @package WordPress
 */

// ** MySQL settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define( 'DB_NAME', 'wordpress' );

/** MySQL database username */
define( 'DB_USER', 'jerry' );

/** MySQL database password */
define( 'DB_PASSWORD', 'jerry' );

/** MySQL hostname */
define( 'DB_HOST', '172.31.40.188' );

/** Database Charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8mb4' );
```

-- INSERT --

```php
/** MySQL database password */
define( 'DB_PASSWORD', 'jerry' );

/** MySQL hostname */
define( 'DB_HOST', '172.31.40.188' );

/** Database Charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8mb4' );

/** The Database Collate type. Don't change this if in doubt. */
define( 'DB_COLLATE', '' );

/**#@+
 * Authentication Unique Keys and Salts.
 *
 * Change these to different unique phrases!
 * You can generate these using the {@link https://api.wordpress.org/secret-key/1.1/salt/ WordPress.org secret-key service}
 * You can change these at any point in time to invalidate all existing cookies. This will force all users to have to log in again.
 *
 * @since 2.6.0
 */
define( 'AUTH_KEY',         'iGf-UfG0/PMQ5]%N>ouf:MX/N/Q^fDob h&_2s<N&4;pQOma,_k?h45be,3B!78#' );
define( 'SECURE_AUTH_KEY',  '7 ,XJ/)!9SRuuu]_d`qBdTOSzZ#[W$gDNKfO2:M7E_|arc-T#zIpeO=Xk=|U#d<W' );
define( 'LOGGED_IN_KEY',    ')st=rXzeO>Z9&z`#HRDhMy+fIU,|8faoTa52PlV+C{vY2vv^]a9vI|W+KWOCQaCw' );
define( 'NONCE_KEY',        ')KhgDJ=KGcMW~:uAt$1]x~@cfU+V.sP6=<7fph}qxkl4NP(%`vO%3i&gBp9{J3c-' );
define( 'AUTH_SALT',        'Jf2!y#-(0Zk>Rra;HjEe7apz_=P>Q>aC!e_f`We:wqSPYcr(~AB:-J.[TZ)rw^xc' );
define( 'SECURE_AUTH_SALT', 'e.ZrY:u_|,cF5dg@U;eA8*. zFj_bZ#X6Vn~)=^vF0m`vw(Vd2whg4*V<A1zamG]' );
define( 'LOGGED_IN_SALT',   ':x49Sb1%?,r98+j05q]#xb$[+)pwJ0S!?EnxsGGLPuO P27afpc;8+)In^V*x![q' );
define( 'NONCE_SALT',       '2/<1=,Prhbn)~kW;7*V@!3{I.zh1*d.5qmM#;Fp6H+_T]+01Z,rEAqmYl[fU$VLC' );

/**#@-*/

/**
 * WordPress Database Table prefix.
 *
 * You can have multiple installations in one database if you give each
```

-- INSERT --

Information needed

Please provide the following information. Don't worry, you can always change these settings later.

Site Title   vishesh

Username   vishesh

Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password   Z^8hy6852sQ^*DIR4T   Hide

Strong

Important: You will need this password to log in. Please store it in a secure location.

Your Email   vishesh8199@gmail.com

Double-check your email address before continuing.

Search Engine Visibility   ☐ Discourage search engines from indexing this site

It is up to search engines to honor this request.

Install WordPress

Username or Email Address

vishesh

Password

••••••••••••••••

☑ Remember Me   Log In

Lost your password?

← Back to vishesh
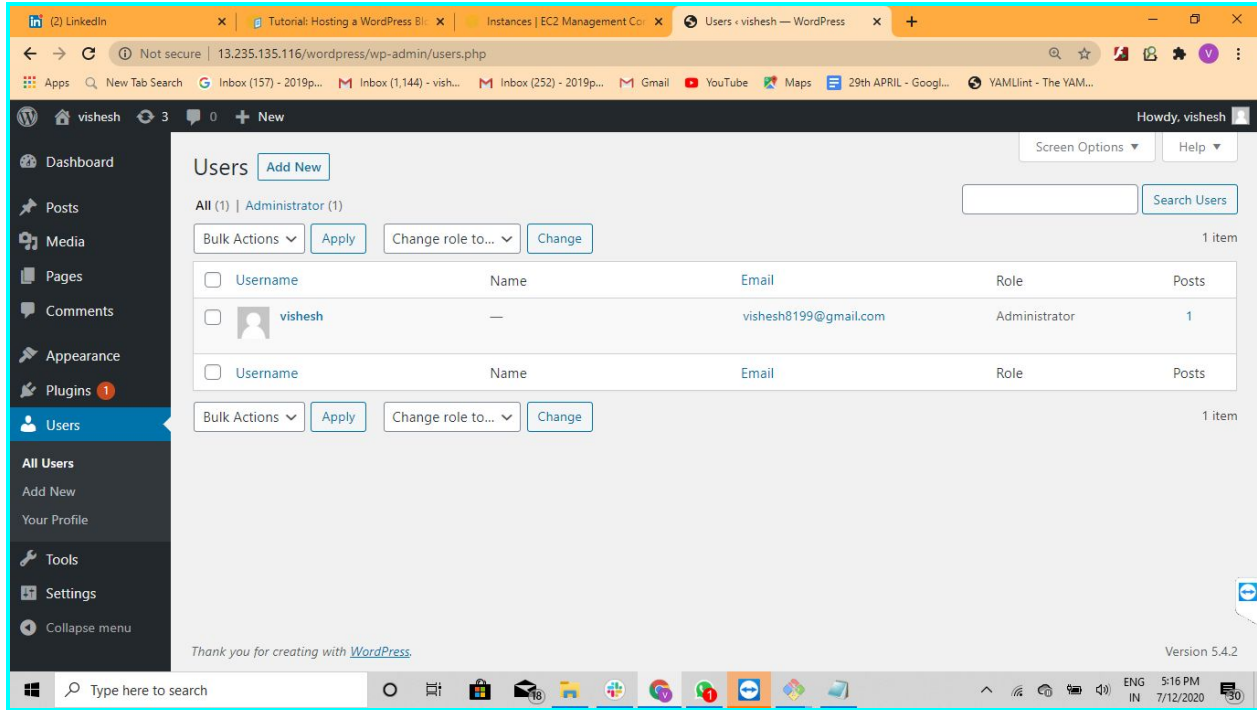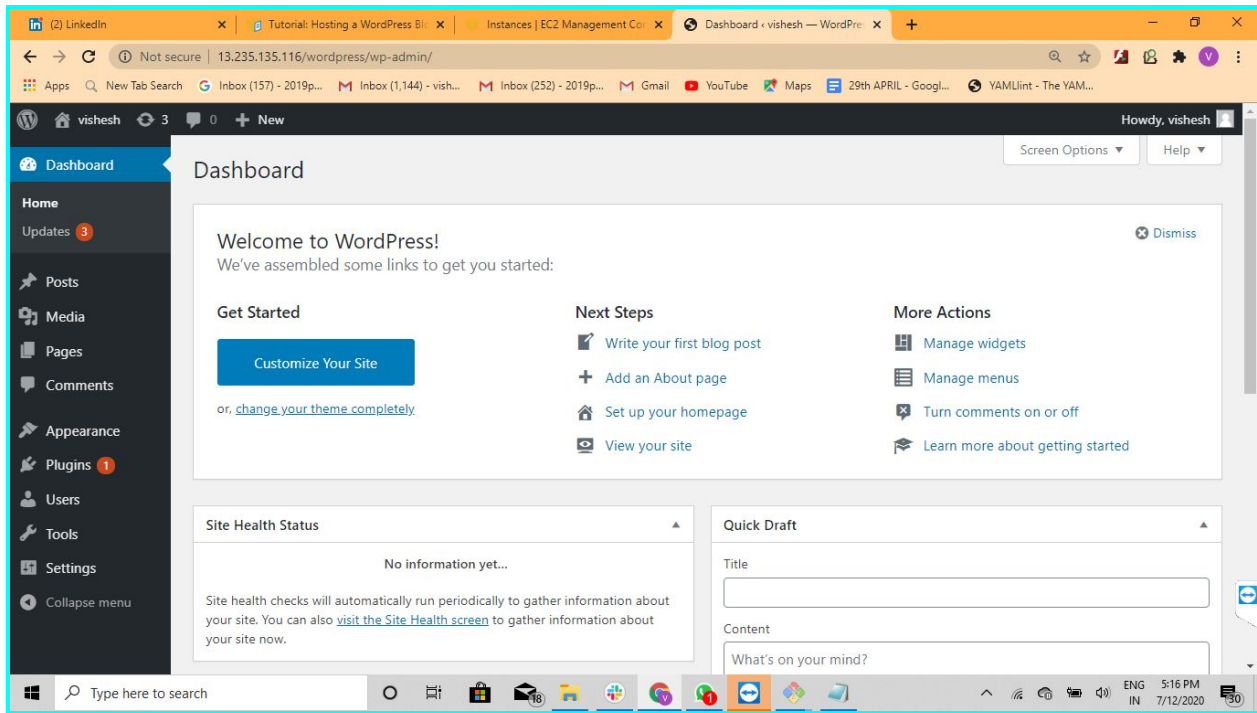
>> mysql instance

$ ssh -i mykey1111.pem -l ec2-user 15.206.28.112
The authenticity of host '15.206.28.112 (15.206.28.112)' can't be established.

```
ECDSA key fingerprint is
SHA256:oR8PMjyIQiCsv63fpWI4Su0v7ifStrtEdTO/A7rBLI4.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '15.206.28.112' (ECDSA) to the list of known hosts.


      __|  __|_  )
      _|  (     /   Amazon Linux AMI
      ___|\___|___|


https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
1 package(s) needed for security, out of 3 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-40-188 ~]$ sudo su - root
[root@ip-172-31-40-188 ~]# sudo yum install -y httpd24 php72 mysql57-server php72-mysqlnd -y
Loaded plugins: priorities, update-motd, upgrade-helper
amzn-main                              | 2.1 kB    00:00
amzn-updates                           | 3.8 kB    00:00
[root@ip-172-31-40-188 ~]# service mysqld start
Initializing MySQL database
2020-07-12T11:37:33.005409Z 0 [Warning] TIMESTAMP with implicit DEFAULT value is deprecated. Pleit_defaults_for_timestamp server option (see documentation for more details).
2020-07-12T11:37:33.820518Z 0 [Warning] InnoDB: New log files created, LSN=45790
2020-07-12T11:37:34.065776Z 0 [Warning] InnoDB: Creating foreign key constraint system tables.
2020-07-12T11:37:34.133192Z 0 [Warning] No existing UUID has been found, so we assume that this e that this server has been started. Generating a new UUID: 14036584-c434-11ea-919b-028cd59b7552
2020-07-12T11:37:34.135407Z 0 [Warning] Gtid table is not ready to be used. Table 'mysql.gtid_exe opened.
2020-07-12T11:37:34.548373Z 0 [Warning] CA certificate ca.pem is self signed.
2020-07-12T11:37:34.682542Z 1 [Warning] root@localhost is created with an empty password ! Pleashing off the --initialize-insecure option.
Starting mysqld:                            [  OK  ]
[root@ip-172-31-40-188 ~]# chkconfig mysqld on
[root@ip-172-31-40-188 ~]# mysqladmin -u root password redhat
```

```
mysqladmin: [Warning] Using a password on the command line interface can be
insecure.
Warning: Since password will be sent to server in plain text, use ssl connection
to ensure passw
[root@ip-172-31-40-188 ~]# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 4
Server version: 5.7.28 MySQL Community Server (GPL)

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> create database wordpress;
Query OK, 1 row affected (0.00 sec)

mysql> CREATE USER 'jerry'@'%' IDENTIFIED BY 'jerry';
Query OK, 0 rows affected (0.00 sec)

mysql> GRANT ALL PRIVILEGES ON *.* to jerry@'%' IDENTIFIED BY 'jerry' WITH
GRANT OPTION;
Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

mysql> exit
Bye
[root@ip-172-31-40-188 ~]# service /etc/init.d/mysqld
/etc/init.d/mysqld: unrecognized service
[root@ip-172-31-40-188 ~]# service /etc/init.d/mysqld restart
/etc/init.d/mysqld: unrecognized service
[root@ip-172-31-40-188 ~]# vi /etc/my.cnfsqld restart
[root@ip-172-31-40-188 ~]# vi /etc/my.cnf
```

```
[root@ip-172-31-40-188 ~]# /etc/init.d/mysqld restart
Stopping mysqld:                              [  OK  ]
Starting mysqld:                              [  OK  ]
```