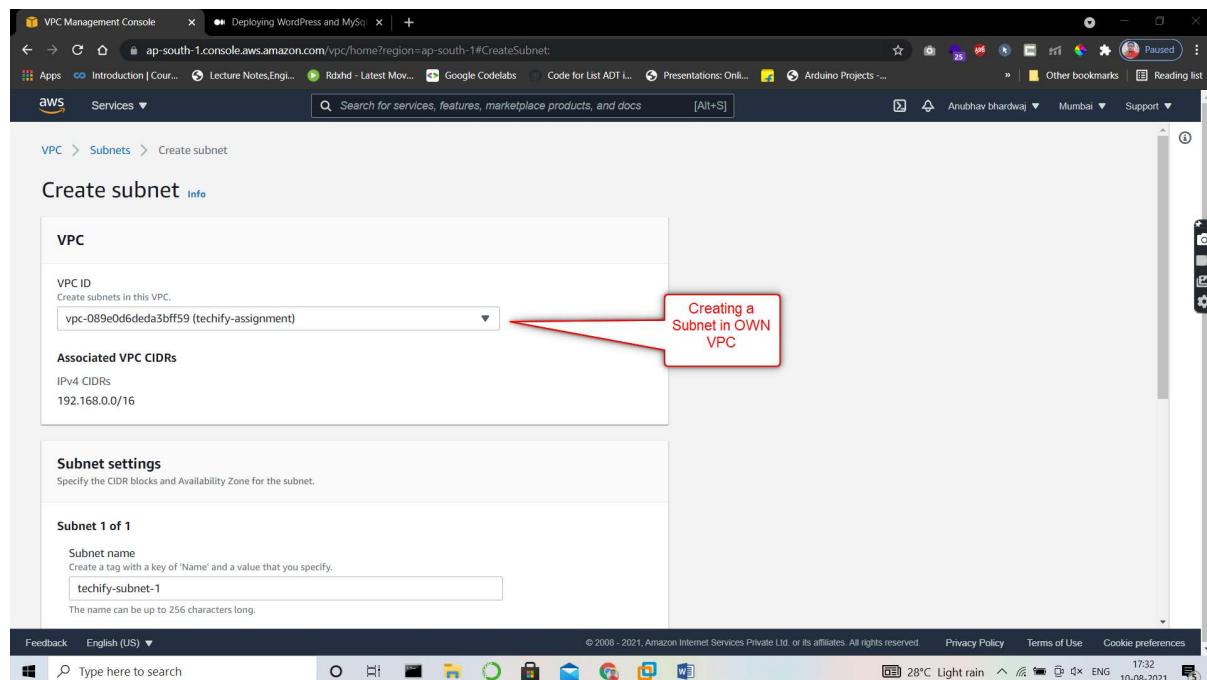
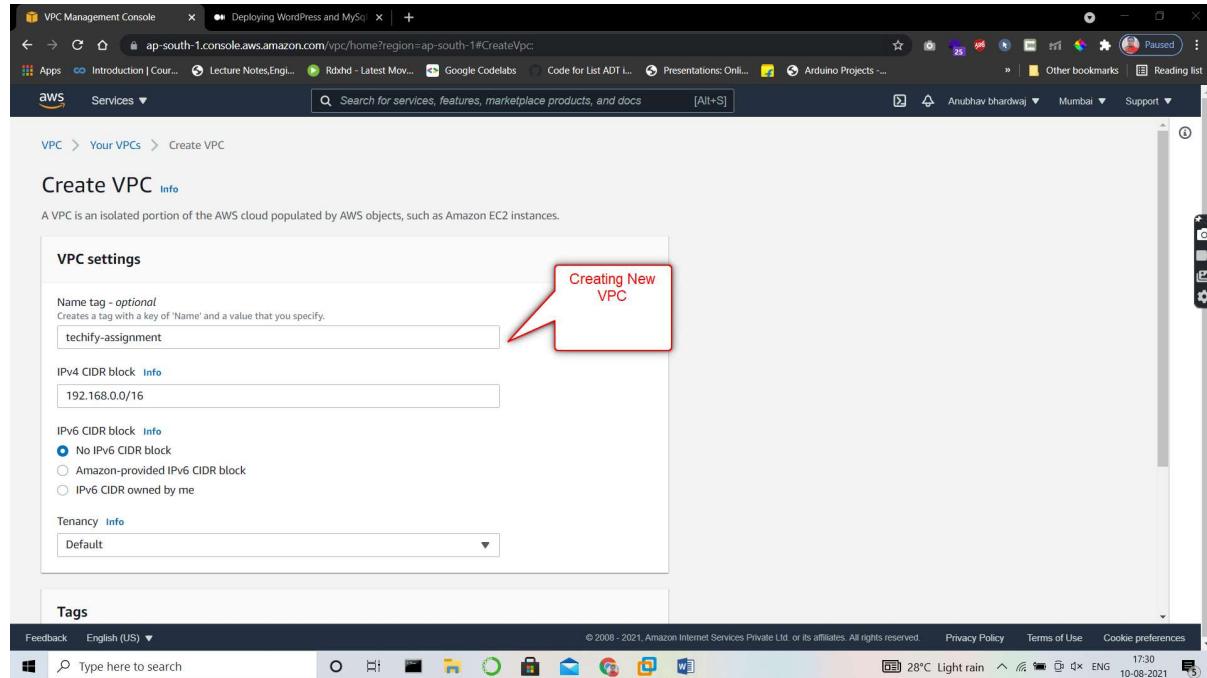


Week 2 Tasks:

1. Setup WordPress site on ec2 with VPC and all in public subnet



Screenshot of the AWS VPC Management Console showing the creation of a new subnet.

Subnet Name: techify-subnet-1

Availability Zone: Asia Pacific (Mumbai) / ap-south-1b

IPv4 CIDR block: 192.168.1.0/24

Tags - optional:

Key	Value - optional
Name	techify-subnet-1

Create Subnet button

Screenshot of the AWS VPC Management Console showing the creation of a new internet gateway.

Create internet gateway settings:

Name tag: Techify-interne-gateway

Tags - optional:

Key	Value - optional
Name	Techify-interne-gateway

Create internet gateway button

A red callout box with the text "Creating a Internet Gateway" points to the "Techify-interne-gateway" name tag input field.

VPC > Internet gateways > Attach to VPC (igw-03919e60b6819cabe) [Info](#)

Attach to VPC (igw-03919e60b6819cabe)

Available VPCs

Attach the internet gateway to this VPC.

vpc-089e0d6deda3bff59

AWS Command Line Interface command

Cancel **Attach internet gateway**

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VPC Management Console > Deploying WordPress and MySQL > CreateRouteTable: ap-south-1

Create route table [Info](#)

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional
Create a tag with a key of 'Name' and a value that you specify.
rt-fort-echify-vpc

VPC
The VPC to use for this route table.
vpc-089e0d6deda3bff59 (echify-assignment)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key Value - optional
Name rt-fort-echify-vpc Remove

Add new tag

You can add 49 more tags.

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VPC Management Console Deploying WordPress and MySQL

Search for services, features, marketplace products, and docs [Alt+S]

VPC > Route tables > rtb-0b3dd4c43c24b7f87 > Edit routes

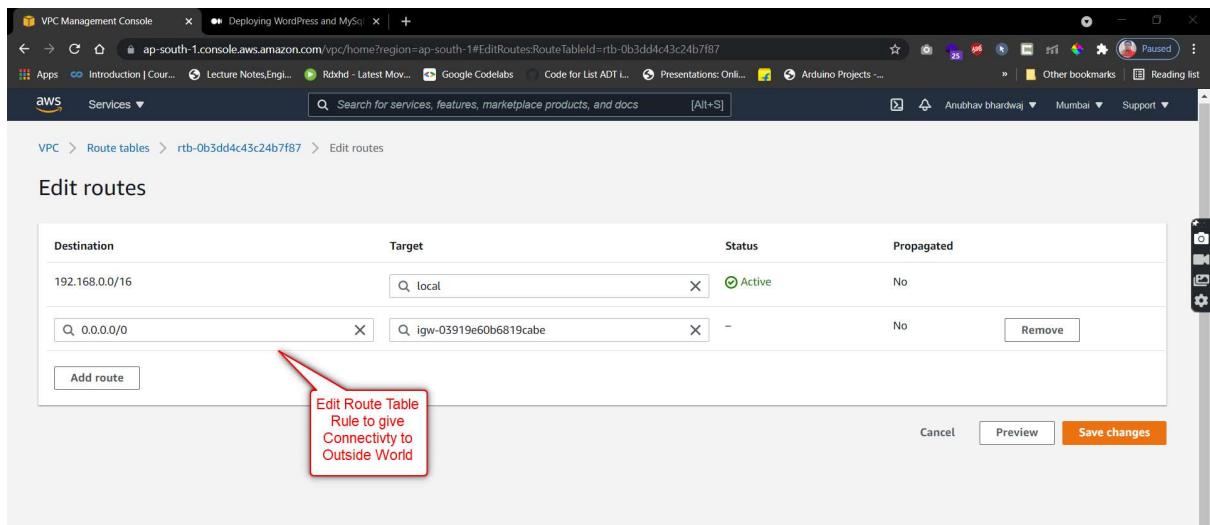
Edit routes

Destination	Target	Status	Propagated
192.168.0.0/16	local	Active	No
0.0.0.0/0	igw-03919e60b6819cabe	-	No

Add route

Edit Route Table Rule to give Connectivity to Outside World

Cancel Preview Save changes



Type here to search

VPC Management Console Deploying WordPress and MySQL

Search for services, features, marketplace products, and docs [Alt+S]

VPC > Subnets > subnet-015a5a315b2bae2b9 > Edit route table association

Edit route table association

Subnet route table settings

Subnet ID: subnet-015a5a315b2bae2b9

Route table ID: rtb-0b3dd4c43c24b7f87 (rt-fort-echify-vpc)

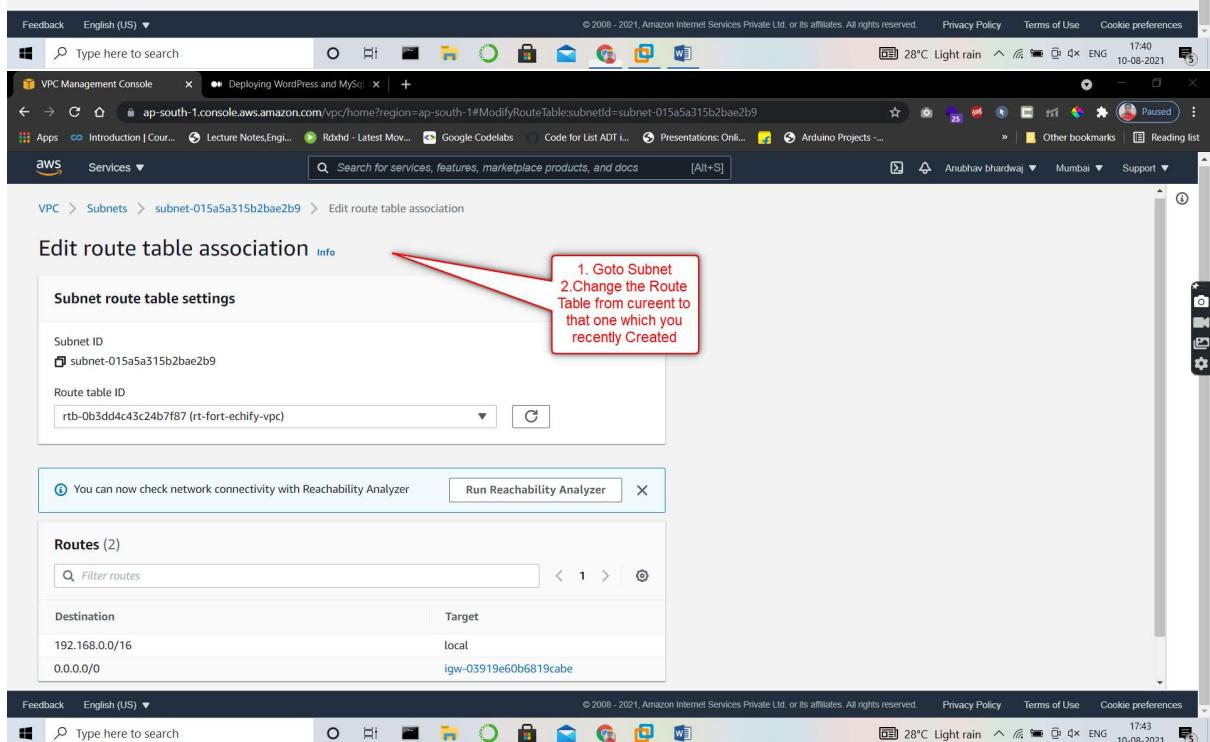
1. Goto Subnet
2.Change the Route Table from current to that one which you recently Created

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

Routes (2)

Destination	Target
192.168.0.0/16	local
0.0.0.0/0	igw-03919e60b6819cabe



Step 3: Configure Instance Details

Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot Instances to take advantage of the lower pricing, assign an access management role to the instance, and more.

Number of instances	1	Launch into Auto Scaling Group
Purchasing option	<input type="checkbox"/> Request Spot Instances	
Network	vpc-089e0d6deda3bfff59 techify-assignment	<input type="button" value="Create new VPC"/>
Subnet	subnet-015a5a315b2bae2b9 techify-subnet-1 ap-s	<input type="button" value="Create new subnet"/>
Auto-assign Public IP	Enable	
Placement group	<input type="checkbox"/> Add instance to placement group	
Capacity Reservation	Open	
Domain join directory	No directory	<input type="button" value="Create new directory"/>
IAM role	None	
Shutdown behavior	Stop	
Stop - Hibernate behavior	<input type="checkbox"/> Enable hibernation as an additional stop behavior	

Attached with on Created VPC

Cancel Previous Review and Launch Next: Add Storage

Instances (1/10) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
terraform	i-00f7e475c233177a8	Stopped	t2.micro	-	No alarms	ap-south-1b	-
Ansible Testing	i-0df175483b40d4c16	Stopped	t2.micro	-	No alarms	ap-south-1b	-
Jenkins-Master	i-0e5e0f292187cd685	Stopped	t2.micro	-	No alarms	ap-south-1b	-
pemkeychang...	i-007e063e99b7d38de	Stopped	t2.micro	-	No alarms	ap-south-1b	-
lostkey	i-0aa8b2ccbe0b5d43d	Stopped	t2.micro	-	No alarms	ap-south-1b	-
Techify-Task-1	i-0da47b9d58d458725	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	-

Instance: i-0da47b9d58d458725 (Techify-Task-1)

Networking

You can now check network connectivity with Reachability Analyzer.

Networking details

Public IPv4 address	65.27.1.60 open address	Private IPv4 addresses	192.168.1.64	VPC ID	vpc-089e0d6deda3bfff59 (techify-assignment)
Public IPv4 DNS		Private IPv4 DNS		Subnet ID	

Instance Launched Successfully in OWN VPC

```

Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
4 package(s) needed for security, out of 16 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-1-64 ~]$ 

```

It's Connected
Well now time
for Wordpress
Setup

i-0da47b9d58d458725 (Techify-Task-1)

Public IPs: 65.2.71.160 Private IPs: 192.168.1.64

```

--> Package httpd-filesystem.noarch 0:2.4.48-2.amzn2 will be installed
--> Package httpd-tools.x86_64 0:2.4.48-2.amzn2 will be installed
--> Package mailcap.noarch 0:2.1.41-2.amzn2 will be installed
--> Package mod_http2.x86_64 0:1.15.19-1.amzn2.0.1 will be installed
--> Running transaction check
--> Package apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package           Arch      Version            Repository          Size
=====
Installing:
httpd             x86_64   2.4.48-2.amzn2       amzn2-core          1.3 M
Installing for dependencies:
apr               x86_64   1.6.3-5.amzn2.0.2   amzn2-core          118 k
apr-util          x86_64   1.6.1-5.amzn2.0.2   amzn2-core          99 k
apr-util-bdb      x86_64   1.6.1-5.amzn2.0.2   amzn2-core          19 k
generic-logos-httd
httpd-filesystem
httpd-tools
mailcap
mod_http2         x86_64   2.4.48-2.amzn2       amzn2-core          24 k
                         noarch   18.0.0-4.amzn2     amzn2-core          19 k
                         noarch   2.4.48-2.amzn2     amzn2-core          87 k
                         noarch   2.1.41-2.amzn2     amzn2-core          31 k
                         x86_64   1.15.19-1.amzn2.0.1 amzn2-core          149 k

Transaction Summary
=====
Install 1 Package (+8 Dependent packages)

Total download size: 1.9 M
Installed size: 5.1 M
Is this ok [y/d/N]: 

```

i-0da47b9d58d458725 (Techify-Task-1)

Public IPs: 65.2.71.160 Private IPs: 192.168.1.64



```
Running transaction test
Transaction test succeeded
Running transaction
  Installing : apr-1.6.3-5.amzn2.0.2.x86_64
  Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64
  Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64
  Installing : httpd-tools-2.4.48-2.amzn2.x86_64
  Installing : generic-logos-htpd-18.0.0-4.amzn2.noarch
  Installing : mailcap-2.1.41-2.amzn2.noarch
  Installing : httpd-filesystem-2.4.48-2.amzn2.noarch
  Installing : mod_http2-1.19.19-1.amzn2.0.1.x86_64
  Installing : httpd-2.4.48-2.amzn2.x86_64
Verifying   : apr-1.6.3-5.amzn2.0.2.x86_64
Verifying   : httpd-2.4.48-2.amzn2.x86_64
Verifying   : apr-util-1.6.1-5.amzn2.0.2.x86_64
Verifying   : httpd-2.4.48-2.amzn2.x86_64
Verifying   : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64
Verifying   : httpd-filesystem-2.4.48-2.amzn2.noarch
Verifying   : httpd-tools-2.4.48-2.amzn2.x86_64
Verifying   : apr-1.6.3-5.amzn2.0.2.x86_64
Verifying   : mailcap-2.1.41-2.amzn2.noarch
Verifying   : generic-logos-htpd-18.0.0-4.amzn2.noarch
Verifying   : mod_http2-1.15.19-1.amzn2.0.1.x86_64

Installed:
  httpd.x86_64 0:2.4.48-2.amzn2

Dependency Installed:
  apr.x86_64 0:1.6.3-5.amzn2.0.2
  generic-logos-htpd.noarch 0:18.0.0-4.amzn2
  mailcap.noarch 0:2.1.41-2.amzn2

Complete!
[Root@ip-192-168-1-64 ~]# yum install php
```

Wordpress is
PHP Software
so installing
PHP

```
"index.php" [New] 1L, 19C written
[root@ip-192-168-1-64 html]# cat index.php
<?php phpinfo() ?>
[root@ip-192-168-1-64 html]#
```

For Checking
the Public
Connectivity i
write a code in
PHP

For Checking
the Public
Connectivity i
write a code in
PHP

i-0da47b9d58d458725 (Techify-Task-1)
Public IPs: 65.2.71.160 Private IPs: 192.168.1.64



```

"index.php" [New] 1L, 19C written
[root@ip-192-168-1-64 html]# cat index.php
<?php phpinfo(); ?>
[root@ip-192-168-1-64 html]# systemctl start httpd
[root@ip-192-168-1-64 html]# systemctl status httpd
● httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; vendor preset: disabled)
     Active: active (running) since Tue 2021-08-10 12:37:43 UTC; 12s ago
       Docs: man:httpd.service(8)
   Main PID: 3819 (httpd)
  Status: "Total requests: 0; Idle/Busy workers 100/0;Requests/sec: 0; Bytes served/sec: 0 B/sec"
  CGroup: /system.slice/httpd.service
          ├─3819 /usr/sbin/httpd -DFOREGROUND
          ├─3820 /usr/sbin/httpd -DFOREGROUND
          ├─3821 /usr/sbin/httpd -DFOREGROUND
          ├─3822 /usr/sbin/httpd -DFOREGROUND
          ├─3823 /usr/sbin/httpd -DFOREGROUND
          ├─3824 /usr/sbin/httpd -DFOREGROUND

Aug 10 12:31:43 ip-192-168-1-64.ap-south-1.compute.internal systemd[1]: Starting The Apache HTTP Server...
Aug 10 12:31:43 ip-192-168-1-64.ap-south-1.compute.internal systemd[1]: Started The Apache HTTP Server.
[root@ip-192-168-1-64 html]#

```

i-0da47b9d58d458725 (Techify-Task-1)

Public IPs: 65.2.71.160 Private IPs: 192.168.1.64

Type here to search

EC2 Instance Connect Session Manager SSH client

Instance ID: i-0da47b9d58d458725 (Techify-Task-1)

Public IP address: 65.2.71.160

User name: ec2-user

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel Connect

PHP Version 5.4.16

System: Linux ip-192-168-1-64.ap-south-1.compute.internal 4.14.238-182.422.amzn2.x86_64 #1 SMP Tue Jul 20 20:35:54 UTC 2021 x86_64

Build Date: Oct 31 2019 18:35:17

Server API: Apache 2.0 Handler

Virtual Directory Support: disabled

Configuration File (php.ini) Path: /etc

Loaded Configuration File: /etc/php.ini

Scan this dir for additional .ini files: /etc/php.d

Additional .ini files parsed: /etc/php.d/curl.ini, /etc/php.d/fileinfo.ini, /etc/php.d/json.ini, /etc/php.d/phar.ini, /etc/php.d/zip.ini

PHP API: 20100412

PHP Extension: 20100525

Zend Extension: 220100525

Zend Extension Build: API220100525.NTS

PHP Extension Build: API20100525.NTS

Debug Build: no

Thread Safety: disabled

Zend Signal Handling: disabled

Zend Memory Manager: enabled

Zend Multibyte Support: disabled

IPv6 Support: enabled

DTrace Support: disabled

Registered PHP Streams: https, ftps, compress.zlib, compress.bzip2, php, file, glob, data, http, ftp, phar, zip

Registered Stream Socket Transports: tcp, udp, unix, udg, ssl, sslv3, tis

Registered Stream Filters: zlib.* bzip2.* convert.iconv.* string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, consumed, dechunk

This program makes use of the Zend Scripting Language Engine: Zend Engine v2.4.0. Copyright (c) 1998-2013 Zend Technologies

Powered By Zend

Type here to search

28°C Light rain 18:03 10-08-2021

Now Moving for Wordpress Installation

```
[root@ip-172-31-2-134 ~]# cd
[root@ip-172-31-2-134 ~]# yum install httpd
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.48-2.amzn2 will be installed
--> Processing Dependency: mod_http2 for package: httpd-2.4.48-2.i686
--> Running transaction check
--> Package mod_http2.x86_64 0:1.15.19-1.amzn2.0.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
| Package           | Arch | Version      | Repository | Size |
| ====== | ===== | ====== | ====== | ===== |
| Installing:      |       |             |            |       |
| httpd             | x86_64 | 2.4.48-2.amzn2 | amzn2-core | 1.3 M |
| Installing for dependencies: |       |             |            |       |
| mod_http2         | x86_64 | 1.15.19-1.amzn2.0.1 | amzn2-core | 149 k |
| Transaction Summary |       |             |            |       |
| ====== | ===== | ====== | ===== | ===== |
| Install 1 Package (+1 Dependent package) |       |             |            |       |

Total download size: 1.5 M
Installed size: 4.4 M
Is this ok [y/d/N]: y
```

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134



```
[root@ip-172-31-2-134 ~]# mysql --version
mysql Ver 15.1 Distrib 5.5.68-MariaDB, for Linux (x86_64) using readline 5.1
[root@ip-172-31-2-134 ~]# php --version
PHP 5.4.16 (cli) (built: Oct 31 2019 18:34:05)
Copyright (c) 1997-2013 The PHP Group
Zend Engine v2.4.0, Copyright (c) 1998-2013 Zend Technologies
[root@ip-172-31-2-134 ~]#
```

PHP and MySql-
Server Install

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134

```
[root@ip-172-31-2-134 ~]# yum install php-mysql
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Package php-mysql is obsoleted by php-mysqlnd, trying to install php-mysqlnd-5.4.16-46.amzn2.0.2.x86_64 instead
Resolving Dependencies
--> Running transaction check
--> Package php-mysqlnd.x86_64 0:5.4.16-46.amzn2.0.2 will be installed
--> Processing Dependency: php-pdo(x86-64) = 5.4.16-46.amzn2.0.2 for package php-mysqlnd-5.4.16-46.amzn2.0.2.x86_64
--> Running transaction check
--> Package php-pdo.x86_64 0:5.4.16-46.amzn2.0.2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
| Package           | Arch   | Version      | Repository | Size
|:-----|:-----|:-----|:-----|:-----|
| Installing:      |
|   php-mysqlnd     | x86_64 | 5.4.16-46.amzn2.0.2 | amzn2-core | 172 k
| Installing for dependencies: |
|   php-pdo          | x86_64 | 5.4.16-46.amzn2.0.2 | amzn2-core | 98 k
|-----|-----|-----|-----|-----|
Transaction Summary
=====
Install 1 Package (+1 Dependent package)

Total download size: 270 k
Installed size: 641 k
Is this ok [y/d/N]: y
```

For Connecting
PHP and MySql

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134



```

[root@ip-172-31-2-134 ~]# mysql --version
mysql Ver 15.1 Distrib 5.5.68-MariaDB, for Linux (x86_64) using readline 5.1
[root@ip-172-31-2-134 ~]# php --version
PHP 5.4.16 (cli) (built: Oct 31 2019 18:34:05)
Copyright (c) 1997-2013 The PHP Group
Zend Engine v2.4.0, Copyright (c) 1998-2013 Zend Technologies
[root@ip-172-31-2-134 ~]# systemctl start mariadb
[root@ip-172-31-2-134 ~]# systemctl status mariadb
● mariadb.service - MariaDB database server
   Loaded: loaded (/usr/lib/systemd/system/mariadb.service; disabled; vendor preset: disabled)
   Active: active (running) since Thu 2021-08-12 03:59:50 UTC; 8s ago
     Process: 5833 ExecStartPost=/usr/libexec/mariadb-wait-ready $MAINPID (code=exited, status=0/SUCCESS)
    Process: 5764 ExecStartPre=/usr/libexec/mariadb-prepare-db-dir %n (code=exited, status=0/SUCCESS)
   Main PID: 5832 (mysqld_safe)
      Tasks: 20
        Memory: 90.8M
       CGroup: /system.slice/mariadb.service
               └─5832 /bin/sh /usr/bin/mysqld_safe --basedir=/usr
                   ├─5998 /usr/libexec/mysqld --basedir=/usr --datadir=/var/lib/mysql --plugin-dir=/usr/lib64/mysql/plugin --log-error=/var/log/mariadb/mariadb.log...
Aug 12 03:59:47 ip-172-31-2-134.ap-south-1.compute.internal systemd[1]: Starting MariaDB database server...
Aug 12 03:59:47 ip-172-31-2-134.ap-south-1.compute.internal mariadb-prepare-db-dir[5764]: Database MariaDB is probably initialized in /var/lib/mysql al...one.
Aug 12 03:59:47 ip-172-31-2-134.ap-south-1.compute.internal mariadb-prepare-db-dir[5764]: If this is not the case, make sure the /var/lib/mysql is empt...dir.
Aug 12 03:59:48 ip-172-31-2-134.ap-south-1.compute.internal mysqld_safe[5832]: 210812 03:59:48 mysqld_safe Logging to '/var/log/mariadb/mariadb.log'.
Aug 12 03:59:48 ip-172-31-2-134.ap-south-1.compute.internal mysqld_safe[5832]: 210812 03:59:48 mysqld_safe Starting mysqld daemon with databases from ...mysql
Aug 12 03:59:50 ip-172-31-2-134.ap-south-1.compute.internal systemd[1]: Started MariaDB database server.
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-2-134 ~]#

```

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134

```

[0] Type here to search
[1] Connect to Instance | EC2 Manager [2] i-0be2c9c166d692cbb (Task-1) [3]
[4] Apps [5] Introduction | Cour... [6] Lecture Notes,Engl... [7] Rdhd - Latest Mov... [8] Google CodeLabs [9] Code for List ADT i... [10] Presentations: Onli... [11] Arduino Projects ...
[12] Other bookmarks [13] Reading list [14] 29°C AQI 134 [15] ENG [16] 09:30 [17] 12-08-2021 [18]

Aug 12 03:59:48 ip-172-31-2-134.ap-south-1.compute.internal mysqld_safe[5832]: 210812 03:59:48 mysqld_safe Starting mysqld daemon with databases from ...mysql
Aug 12 03:59:50 ip-172-31-2-134.ap-south-1.compute.internal systemd[1]: Started MariaDB database server.
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-2-134 ~]# mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
      SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorisation.

Set root password? [Y/n] y
New password:
Re-enter new password:
Sorry, passwords do not match.

New password:
Re-enter new password:
Password updated successfully!
Reloading privilege tables...
... Success!

By default, a MariaDB installation has an anonymous user, allowing anyone

```

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134



```

Connect to instance | EC2 Manager | i-0be2c9c166d692ccb (Task-1) | +
ap-south-1.console.aws.amazon.com/ec2/v2/connect/root/i-0be2c9c166d692ccb
Apps Introduction | Cour... Lecture Notes,Engl... Rxhd - Latest Mov... Google Codelabs Code for List ADT I... Presentations: Onlin... Arduino Projects ...
Other bookmarks Reading list
Remove anonymous users? [Y/n] y
... Success!
Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.
Disallow root login remotely? [Y/n] y
... Success!
By default, MariaDB comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before moving into a production environment.
Remove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!
Reloading the privilege tables will ensure that all changes made so far will take effect immediately.
Reload privilege tables now? [Y/n] y
... Success!
Cleaning up...
All done! If you've completed all of the above steps, your MariaDB installation should now be secure.
Thanks for using MariaDB!
[root@ip-172-31-2-134 ~]#

```

i-0be2c9c166d692ccb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134

```

[root@ip-172-31-2-134 ~]# systemctl restart mariadb
[root@ip-172-31-2-134 ~]# systemctl status mariadb
● mariadb.service - MariaDB database server
   Loaded: loaded (/usr/lib/systemd/system/mariadb.service; disabled; vendor...)
     Active: active (running) since Thu 2021-08-12 04:03:45 UTC; 9s ago
       Process: 6214 ExecStartPost=/usr/libexec/mariadb-wait-ready $MAINPID (code=exited, status=0/SUCCESS)
      Process: 6129 ExecStartPre=/usr/libexec/mariadb-prepare-db-dir %n (code=exited, status=0/SUCCESS)
     Main PID: 6213 (mysqld_safe)
        Tasks: 20
          Memory: 71.5M
        CGroup: /system.slice/mariadb.service
                  └─6213 /bin/sh /usr/bin/mysqld_safe --basedir=/usr
                     ├─6379 /usr/libexec/mysql --basedir=/usr --datadir=/var/lib/mysql --plugin-dir=/usr/lib64/mysql/plugin --log-error=/var/log/mariadb/mariadb.log...
Aug 12 04:03:43 ip-172-31-2-134.ap-south-1.compute.internal systemd[1]: Stopped MariaDB database server.
Aug 12 04:03:43 ip-172-31-2-134.ap-south-1.compute.internal systemd[1]: Starting MariaDB database server...
Aug 12 04:03:43 ip-172-31-2-134.ap-south-1.compute.internal mariadb-prepare-db-dir[6129]: Database MariaDB is probably initialized in /var/lib/mysql al...one.
Aug 12 04:03:43 ip-172-31-2-134.ap-south-1.compute.internal mariadb-prepare-db-dir[6129]: If this is not the case, make sure the /var/lib/mysql is empt...dir.
Aug 12 04:03:43 ip-172-31-2-134.ap-south-1.compute.internal mysqld_safe[6213]: 210812 04:03:43 mysqld_safe Logging to '/var/log/mariadb/mariadb.log'.
Aug 12 04:03:43 ip-172-31-2-134.ap-south-1.compute.internal mysqld_safe[6213]: 210812 04:03:43 mysqld_safe Starting mysqld daemon with databases from ...mysql
Aug 12 04:03:45 ip-172-31-2-134.ap-south-1.compute.internal systemd[1]: Started MariaDB database server.
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-2-134 ~]# systemctl enable mariadb
Created symlink from /etc/systemd/system/multi-user.target.wants/mariadb.service to /usr/lib/systemd/system/mariadb.service.
[root@ip-172-31-2-134 ~]#

```

i-0be2c9c166d692ccb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134

```

[root@ip-172-31-2-134 ~]# systemctl enable mariadb

```

```
106 sudo su -
107 netstat -tnlp
108 systemctl status httpd
109 systemctl status mariadb
110 clear
111 yum install php-mysql
112 cd /var/www/html
113 ls
114 clear
115 cd
116 yum install httpd
117 php -version
118 php --version
119 mysql --version
120 clear
121 mysql --version
122 php --version
123 systemctl start mariadb
124 systemctl status mariadb
125 mysql_secure_installation
126 clear
127 systemctl restart mariadb
128 systemctl status mariadb
129 systemctl enable mariadb
130 systemctl status httpd
131 clear
132 cd /var/www/html
133 wget https://wordpress.org/latest.zip
134 ls
135 unzip latest.zip
136 history
[root@ip-172-31-2-134 html]#
```

Last 133,134,135 command is used for Download Wordpress and for Unzip the Software

```
[root@ip-172-31-2-134 html]# ls
latest.zip wordpress
[root@ip-172-31-2-134 html]# rm -rf latest.zip
[root@ip-172-31-2-134 html]# ls
wordpress
[root@ip-172-31-2-134 html]# cp -r wordpress/* /var/www/html
```

Delete the zip file

copy the unzip files into html folder

```
i-0be2c9c166d692cbb (Task-1)
Public IPs: 3.108.238.236 Private IPs: 172.31.2.134
```

```
[root@ip-172-31-2-134 ~]# ls
index.php
```

```
[root@ip-172-31-2-134 html]# ls
index.php      wordpress      wp-content      wp-links-opml.php  wp-mail.php    wp-trackback.php
license.txt    wp-activate.php  wp-comments-post.php  wp-cron.php    wp-load.php    wp-settings.php  xmlrpc.php
readme.html    wp-admin        wp-config-sample.php  wp-config.php  wp-includes   wp-login.php    wp-signup.php
[root@ip-172-31-2-134 html]# rm -rf wordpress
[root@ip-172-31-2-134 html]# 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
[root@ip-172-31-2-134 html]#
```

Data Successfully Copied into /var/www/html folder

Delete Wordpress Folder

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134

```
Windows Taskbar: Connect to instance | EC2 Manager, i-0be2c9c166d692ccb (task-1), 29°C AQI 134, 12-08-2021, ENG

Firefox: https://ap-south-1.console.aws.amazon.com/ec2/v2/connect/root/i-0be2c9c166d692ccb?_t=1628811200000

Last login: Thu Aug 12 03:52:06 2021 from ec2-13-233-177-0.ap-south-1.compute.amazonaws.com
[ _\| ( _\| _ ) _\| ] Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
20 package(s) needed for security, out of 37 available
Run "sudo yum update" to apply all updates.
[root@ip-172-31-2-134 ~]# mysql -u root -prehat
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 2
Server version: 5.5.68-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)

MariaDB [(none)]>
```

Currently Available Databases

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134



```

Connect to instance | EC2 Manager | i-0be2c9c166d692cbb (Task-1) | +
ap-south-1.console.aws.amazon.com/ec2/v2/connect/root/i-0be2c9c166d692cbb
App Introduction | Cour... Lecture Notes,Engl... Rdxhd - Latest Mov... Google Codelabs Code for List ADT I... Presentations: Onlin... Arduino Projects ...
Other bookmarks Reading list
Your MariaDB connection id is 2
Server version: 5.5.68-MariaDB MariaDB Server
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
+-----+
3 rows in set (0.00 sec)

MariaDB [(none)]> create database wordpress;
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| wordpress |
+-----+
4 rows in set (0.00 sec)

MariaDB [(none)]>

```

i-0be2c9c166d692cbb (Task-1)

Public IPs: 3.108.238.236 Private IPs: 172.31.2.134

Type here to search 29°C AQI 134 09:52 12-08-2021

Instance details | EC2 Manager | i-0be2c9c166d692cbb (Task-1) | + WordPress - Setup Config... | (29) How to Fix Wordpress | Install PHP 7.4|7.3|7.2 on A... | How To Install PHP 7.3 on C...
 Apps Introduction | Cour... Lecture Notes,Engl... Rdxhd - Latest Mov... Google Codelabs Code for List ADT I... Presentations: Onlin... Arduino Projects ...
 Other bookmarks Reading list

WordPress

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

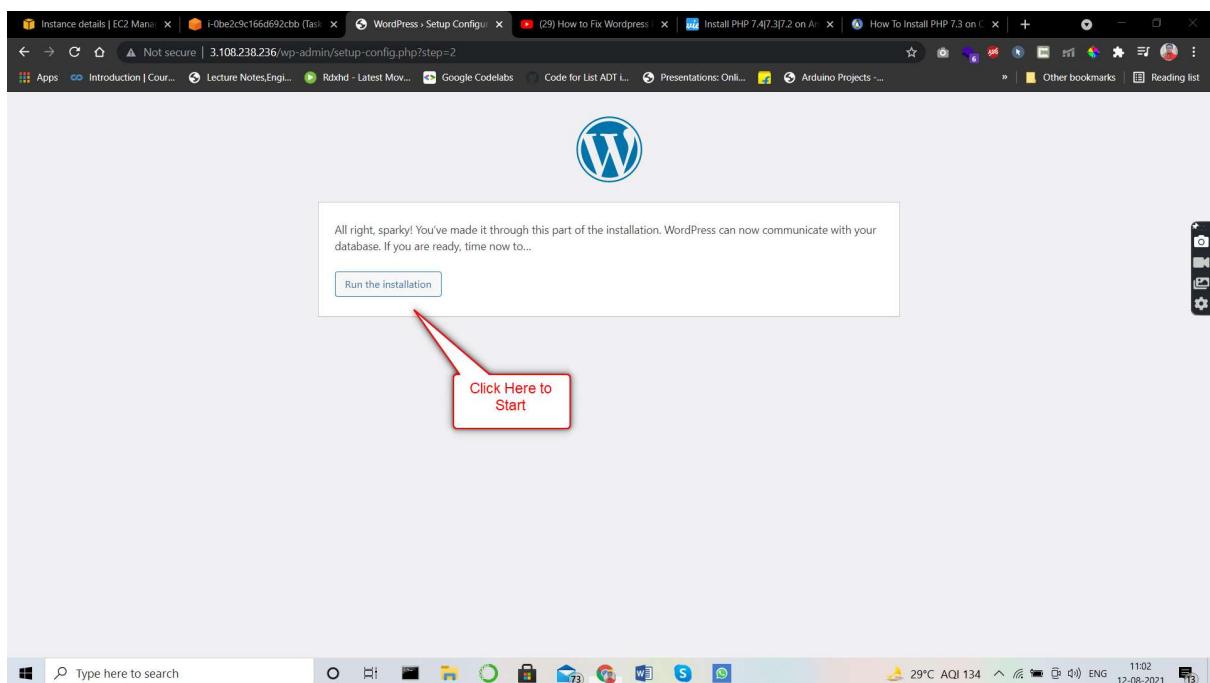
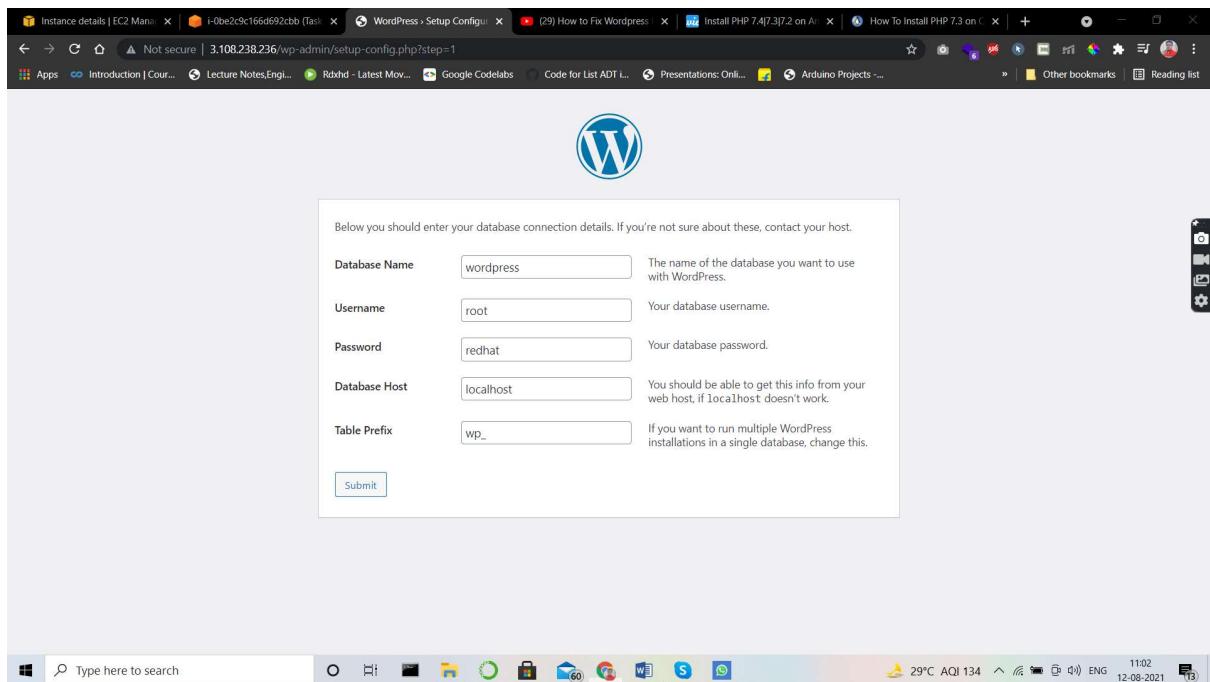
1. Database name
2. Database username
3. Database password
4. Database host
5. Table prefix (if you want to run more than one WordPress in a single database)

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!](#)

Type here to search 29°C AQI 134 10:58 12-08-2021



Not secure | 3.108.238.236/wp-admin/install.php?language=en_US | WordPress > Installation | (29) How to Fix Wordpress | Install PHP 7.4|7.3|7.2 on Amazon Linux | How To Install PHP 7.3 on Amazon Linux | + | - | ×

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

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

Site Title Techify Task-1

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

Password Anubhav@123 Weak
Important: You will need this password to log in. Please store it in a secure location.

Confirm Password Confirm use of weak password

Your Email anubhav283203@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.

Type here to search 29°C AQI 134 11:03 12-08-2021

Set-up all the things

Not secure | 3.108.238.236/wp-login.php | Log In < Techify Task-1 — WordPress | (29) How to Fix Wordpress | Install PHP 7.4|7.3|7.2 on Amazon Linux | How To Install PHP 7.3 on Amazon Linux | + | - | ×

Username or Email Address
anubhav

Password
Anubhav@123

Remember Me

Lost your password?
← Go to Techify Task-1

Type here to search 29°C AQI 134 11:04 12-08-2021

Put the id and Password for Login

The image displays a Windows desktop environment with two browser windows open.

Top Browser Window (WordPress Dashboard):

- Title Bar:** Instance details | EC2 Man..., i-0be2c9c166d692cbb (Task..., Dashboard < Techify Task-1 | (29) How to Fix Wordpress... | Install PHP 7.4|7.3|7.2 on AWS | How To Install PHP 7.3 on C...
- Address Bar:** Not secure | 3.108.238.236/wp-admin/
- Toolbar:** Apps, Introduction | Cour..., Lecture Notes, Engi..., Rdxhd - Latest Mov..., Google Codelabs, Code for List ADT i..., Presentations: Onlin..., Arduino Projects ...
- User Information:** Howdy, anubhav
- Dashboard Content:**
 - Left Sidebar:** Home, Updates, Posts, Media, Pages, Comments, Appearance, Plugins, Users, Tools, Settings, Collapse menu.
 - Welcome to WordPress!**: We've assembled some links to get you started:
 - Get Started**: Customize Your Site, or, change your theme completely.
 - Next Steps**: Write your first blog post, Add an About page, Set up your homepage, View your site.
 - More Actions**: Manage widgets, Manage menus, Turn comments on or off, Learn more about getting started.
 - Site Health Status**: No information yet... Site health checks will automatically run periodically to gather information about your site. You can also visit the Site Health screen to gather information about your site now.
 - At a Glance**: 1 Post, 1 Comment.

Bottom Browser Window (Live Website):

- Title Bar:** Instance details | i-0be2c9c166d692cbb (Task..., Dashboard < Techify Task-1 | (29) How to Fix Wordpress... | Install PHP 7.4|7.3|7.2 on AWS | How To Install PHP 7.3 on C...
- Address Bar:** Not secure | 3.108.238.236
- Toolbar:** Apps, Introduction | Cour..., Lecture Notes, Engi..., Rdxhd - Latest Mov..., Google Codelabs, Code for List ADT i..., Presentations: Onlin..., Arduino Projects ...
- User Information:** Howdy, anubhav
- Content Area:**
 - Header:** TECHIFY TASK-1, Just another WordPress site
 - Post Content:** Hello world!

Welcome to WordPress. This is your first post. Edit or delete it, then start writing!

Published August 12, 2021 [Edit](#)
Categorized as [Uncategorized](#)