

Detailed explanation of the tasks that you have to complete in the 1st week:-

Cloud(AWS) Week 1 Task:

- ❖ **Prerequisites:** Create your free-tier AWS account.
- ❖ **Task:** Deploy application in monolithic and microservices architecture.
- ❖ **Description:** For monolithic : 1 EC2 instance, deploy wordpress and MYSQL on the same instances.
For microservices: 2 EC2 instances, 1 for wordpress and 1 for MYSQL.
Configure the necessary security group for the instances.
EC2 instance type: t2-micro, AMI: ubuntu-*.
Create a welcome page in wordpress that will be the homepage.
- ❖ Create a github repo with the name “Techplement”, inside that repo create a folder week1-tasks where you have to upload your files.

Please note that failure to complete the assigned task within the specified timeframe may result in the termination of the internship.

Note : Last date to submit the task is 08/04/2024. We will inform you about where & how to submit tasks on submission day.

Amazon Web Services Sign-In

signin.aws.amazon.com/signin?redirect_uri=https%3A%2F%2Fus-east-1.console.aws.amazon.com%2Fec2%2Fhome%3FhashArgs%3D%2523Instances%253A%26isauthcode%3Dtrue%26region...

Sign in

Root user
Account owner that performs tasks requiring unrestricted access. [Learn more](#)

IAM user
User within an account that performs daily tasks. [Learn more](#)

Root user email address

Next

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MACHINE LEARNING

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English ▾

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Near record

14:07
03-04-2024

Amazon Web Services Sign-In

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aws

Root user sign in ⓘ

Email: desineediyaswanthkumar@gmail.com

Password Forgot password?

.....

Sign in

Sign in to a different account

Create a new AWS account

MACHINE LEARNING

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English ▾

Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

AWS Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events Console-to-Code Preview Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots

Instances Info

Find Instance by attribute or tag (case-sensitive)

All states

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone Public IP

No instances

You do not have any instances in this region

Launch instances

Select an instance

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35°C Sunny 14:08 03-04-2024 ENG

Launch an instance | EC2 | us-east-1 | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

aws Services Search [Alt+S]

Linux AWS Mac ubuntu® Microsoft Red Hat SUSI

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Ubuntu Server 22.04 LTS (HVM), SSD Volume Type ✓ Free tier eligible

ami-080e1f13689e07408 (64-bit (x86)) / ami-0a55ba1c20b74fc30 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description
Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2024-03-01

Architecture
64-bit (x86) AMI ID ami-080e1f13689e07408 Verified provider

Instance type Info | Get advice

Instance type
t2.micro ✓ Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.0716 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour

All generations Compare instance types

Additional costs apply for AMIs with pre-installed software

▼ Summary

Number of instances 1

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-080e1f13689e07408

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

ⓘ Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free-tier AMIs per year

Cancel Launch instance Review commands

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Launch an instance | EC2 | us-east-1 | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

Services Search [Alt+S]

Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Additional charges apply when outside of free tier allowance
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
 Create security group
 Select existing security group

We'll create a new security group called 'launch-wizard-2' with the following rules:

Allow SSH traffic from Anywhere
Helps you connect to your instance 0.0.0.0/0

Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

⚠️ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

▼ Summary
Number of instances Info
1

Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-080e1f13689e07408

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

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Cancel Launch instance Review commands

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Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

aws Services Search [Alt+S]

EC2 Dashboard X

EC2 Global View

Events

Console-to-Code Preview

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity

Reservations New

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

CloudShell Feedback

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Running

Name: monolithic, Instance ID: i-0374754fb0678745b, Instance state: Running, Instance type: t2.micro, Status check: Initializing, Alarm status: View alarms +, Availability Zone: us-east-1b, Public IP: ec2-54-

Instance: i-0374754fb0678745b (monolithic)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-0374754fb0678745b (monolithic)

IPv6 address: -

Hostname type: IP name: ip-172-31-31-59.ec2.internal

Public IPv4 address: 54.159.2.90 |open address|

Private IPv4 addresses: 172.31.31.59

Public IPv4 DNS: ec2-54-159-2-90.compute-1.amazonaws.com |open address|

Private IP DNS name (IPv4 only): ip-172-31-31-59.ec2.internal

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Connect to instance | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0374754fb0678745b

aws Services Search [Alt+S]

Connect to instance Info

Connect to your instance i-0374754fb0678745b (monolithic) using any of these options

EC2 Instance Connect Session Manager SSH client EC2 serial console

Instance ID
 i-0374754fb0678745b (monolithic)

Connection Type

Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

Public IP address
 54.159.2.90

Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

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

Cancel **Connect**

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Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

System load: 0.31201171875 Processes: 102
Usage of /: 20.4% of 7.57GB Users logged in: 0
Memory usage: 21% IPv4 address for eth0: 172.31.31.59
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-31-59:~\$ sudo apt update

i-0374754fb0678745b (monolithic)

Public IPs: 54.159.2.90 Private IPs: 172.31.31.59

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Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Get:17 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [163 kB]
Get:18 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:19 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.1 kB]
Get:20 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7476 B]
Get:21 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [293 kB]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1644 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [274 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1060 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [241 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.1 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [49.6 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [12.0 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.1 kB]
Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.0 kB]
Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [28.4 kB]
Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.2 kB]
Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]
Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Fetched 30.4 MB in 6s (5443 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
41 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-31-59:~\$ sudo apt install apache2 -y

i-0374754fb0678745b (monolithic)

PublicIPs: 54.159.2.90 PrivateIPs: 172.31.31.59

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | Apache2 Ubuntu Default Page: +

Not secure 54.159.2.90

 **Ubuntu**

Apache2 Default Page

It works! ✓

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|   '-- ports.conf
|-- mods-enabled
|   '-- *.load
|   '-- *.conf
|-- conf-enabled
|   '-- *.conf
|-- sites-enabled
|   '-- *.conf
```

Type here to search 

18:00 03-04-2024 35°C Mostly sunny ENG

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 Apache2 Ubuntu Default Page: +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

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.
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.
Processing triggers for ufw (0.36.1-4ubuntu0.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
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-172-31-31-59:~\$ sudo apt install php libapache2-mod-php php-mysql[]

i-0374754fb0678745b (monolithic)

PublicIPs: 54.159.2.90 PrivateIPs: 172.31.31.59

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 Apache2 Ubuntu Default Page: +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

```
Creating config file /etc/php/8.1/cli/php.ini with new version
Setting up libapache2-mod-php8.1 (8.1.2-1ubuntu2.14) ...

Creating config file /etc/php/8.1/apache2/php.ini with new version
Module mpm_event disabled.
Enabling module mpm_prefork.
apache2_switch_mpm Switch to prefork
apache2_invoke: Enable module php8.1
Setting up php8.1 (8.1.2-1ubuntu2.14) ...
Setting up libapache2-mod-php (2:8.1+92ubuntu1) ...
Setting up php (2:8.1+92ubuntu1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for php8.1-cli (8.1.2-1ubuntu2.14) ...
Processing triggers for libapache2-mod-php8.1 (8.1.2-1ubuntu2.14) ...
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-172-31-31-59:~\$ sudo apt install mysql-server

i-0374754fb0678745b (monolithic)

PublicIPs: 54.159.2.90 PrivateIPs: 172.31.31.59

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 Apache2 Ubuntu Default Page: +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

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-172-31-59:~$ sudo mysql -u root ✓
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-Ubuntu0.22.04.1 (Ubuntu)

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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> ALTER USER 'root'@'localhost' IDENTIFIED BY 'yashu@21'; ✓
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE DATABASE yashu_db; ✓
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'yashu_user'@'localhost' IDENTIFIED BY 'yashu@21'; ✓
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> []
```

i-0374754fb0678745b (monolithic)

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Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 Apache2 Ubuntu Default Page: /

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Server version: 8.0.36-0ubuntu0.22.04.1 (Ubuntu)

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

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED BY 'yashu@21';
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE DATABASE yashu_db;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'yashu_user'@'localhost' IDENTIFIED BY 'yashu@21';
Query OK, 0 rows affected (0.03 sec)

mysql> GRANT ALL PRIVILEGES ON yashu_db.* TO 'yashu_user'@'localhost';
Query OK, 0 rows affected (0.01 sec)

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

mysql> exit; ✓
Bye
ubuntu@ip-172-31-31-59:~$
```

i-0374754fb0678745b (monolithic)

Public IPs: 54.159.2.90 Private IPs: 172.31.31.59

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18:08
03-04-2024

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 Apache2 Ubuntu Default Page: +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

mysql> GRANT ALL PRIVILEGES ON yashu_db.* TO 'yashu_user'@'localhost';
Query OK, 0 rows affected (0.01 sec)

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

mysql> exit;
Bye

ubuntu@ip-172-31-31-59:~\$ cd /tmp ✓

ubuntu@ip-172-31-31-59:/tmp\$ wget https://wordpress.org/latest.tar.gz ✓

--2024-04-03 12:39:40-- 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: 24696382 (24M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz 100%[=====] 23.55M 47.0MB/s in 0.5s

2024-04-03 12:39:41 (47.0 MB/s) - 'latest.tar.gz' saved [24696382/24696382]

ubuntu@ip-172-31-31-59:/tmp\$ ls ✓

latest.tar.gz snap-private-tmp systemd-private-9df3f033742c42f1a7742ab01732e9de-apache2.service-QMfVF3 systemd-private-9df3f033742c42f1a7742ab01732e9de-chrony.service-yetDnb

ubuntu@ip-172-31-31-59:/tmp\$ tar -xvf latest.tar.gz

i-0374754fb0678745b (monolithic)

PublicIPs: 54.159.2.90 PrivateIPs: 172.31.31.59

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Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 Apache2 Ubuntu Default Page: +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

```
wordpress/wp-admin/js/set-post-thumbnail.min.js
wordpress/wp-admin/js/postbox.min.js
wordpress/wp-admin/js/color-picker.js
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
ubuntu@ip-172-31-31-59:/tmp$ ls ✓
latest.tar.gz
snap-private-tmp
systemd-private-9df3f033742c42f1a7742ab01732e9de-apache2.service-QMfVF3
systemd-private-9df3f033742c42f1a7742ab01732e9de-chrony.service-yetDNb
ubuntu@ip-172-31-31-59:/tmp$ sudo mv wordpress/ /var/www/html ✓
ubuntu@ip-172-31-31-59:/tmp$ cd /var/www/html/ ✓
ubuntu@ip-172-31-31-59:/var/www/html$ ls ✓
index.html wordpress
ubuntu@ip-172-31-31-59:/var/www/html$ []
```

i-0374754fb0678745b (monolithic)

Public IPs: 54.159.2.90 Private IPs: 172.31.31.59

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Setup Configuration | +

Not secure 54.159.2.90/wordpress/wp-admin/setup-config.php

Welcome to WordPress. Before getting started, you will need to know the following items.

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)

This information is being used to create a wp-config.php file. **If for any reason this automatic file creation does not work, do not 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? [Read the support article on wp-config.php](#).

In all likelihood, these items were supplied to you by your web host. If you do not have this information, then you will need to contact them before you can continue. If you are ready...

[Let's go!](#)

Red annotations: A red line highlights the URL in the browser address bar. A red checkmark is placed to the right of the "Let's go!" button. A red circle highlights the "Let's go!" button.

Type here to search        

35°C Mostly sunny  ENG 18:14 03-04-2024

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Setup Configuration | +

Not secure 54.159.2.90/wordpress/wp-admin/setup-config.php?step=1

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

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

Username ✓
Your database username.

Password
Your database password.

Database Host
You should be able to get this info from your web host, if localhost does not work.

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

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Setup Configuration

Not secure 54.159.2.90/wordpress/wp-admin/setup-config.php?step=2

Unable to write to wp-config.php file.

You can create the wp-config.php file manually and paste the following text into it.

Configuration rules for `wp-config.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 website, you can copy this file to "wp-config.php"  
 * and fill in the values.  
 *  
 * This file contains the following configurations:  
 *  
 * * Database settings  
 * * Secret keys  
 * * Database table prefix  
 * * ABSPATH  
 */
```

After you've done that, click "Run the installation".

Run the installation

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 WordPress > Setup Configuration

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

```
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
ubuntu@ip-172-31-31-59:/tmp$ ls
latest.tar.gz
snap-private-tmp
systemd-private-9df3f033742c42f1a7742ab01732e9de-apache2.service-QMfVF3
systemd-private-9df3f033742c42f1a7742ab01732e9de-chrony.service-yetDnB
ubuntu@ip-172-31-31-59:/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-31-59:/tmp$ cd /var/www/html/
ubuntu@ip-172-31-31-59:/var/www/html$ ls
index.html wordpress
ubuntu@ip-172-31-31-59:/var/www/html$ ls
index.html wordpress
ubuntu@ip-172-31-31-59:/var/www/html$ cd wordpress/
ubuntu@ip-172-31-31-59:/var/www/html/wordpress$ sudo nano wp-config.php
```

i-0374754fb0678745b (monolithic)

Public IPs: 54.159.2.90 Private IPs: 172.31.31.59

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 WordPress > Setup Configuration

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0374754fb0678745b&osUser=ubuntu&sshPort=22#

aws Services Search [Alt+S] N. Virginia ▾ Yaswanth ▾

GNU nano 6.2 wp-config.php

```
/* That's all, stop editing! Happy publishing. */

/** Absolute path to the WordPress directory. */
if ( ! defined( 'ABSPATH' ) ) {
    define( 'ABSPATH', __DIR__ . '/' );
}

/** Sets up WordPress vars and included files. */
require_once ABSPATH . 'wp-settings.php';

```

✓

[Wrote 96 lines]

^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-U Undo
M-A Set Mark M-B Redo M-6 Copy M-Q Where Was M-W Next

i-0374754fb0678745b (monolithic)

Public IPs: 54.159.2.90 Private IPs: 172.31.31.59

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Type here to search

35°C Mostly sunny 18:25 03-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Setup Configuration

Not secure 54.159.2.90/wordpress/wp-admin/setup-config.php?step=2

Unable to write to wp-config.php file.

You can create the wp-config.php file manually and paste the following text into it.

Configuration rules for `wp-config.php`:

```
/* Add any custom values between this line and the "stop editing" line. */

/* That's all, stop editing! Happy publishing. */

/** Absolute path to the WordPress directory. */
if ( ! defined( 'ABSPATH' ) ) {
    define( 'ABSPATH', __DIR__ . '/' );
}

/** Sets up WordPress vars and included files. */
require_once ABSPATH . 'wp-settings.php';
```

After you've done that, click "Run the installation".

[Run the installation](#)

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 54.159.2.90/wordpress/wp-admin/install.php

Welcome

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. Do not worry, you can always change these settings later.

Site Title

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

Password 3gZ6&ecr0*Z%jJZy2I Hide
Strong

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

Your Email
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

✓

Type here to search         

35°C Mostly sunny  ENG 18:28 03-04-2024

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 54.159.2.90/wordpress/wp-admin/install.php

Welcome

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. Do not worry, you can always change these settings later.

Site Title Monolithic Task ✓

Username yaswanth ✓

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

Password Yashu@123 ✓ Hide
Medium

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

Your Email desineediyaswanthkumar@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

Type here to search Record high 18:30 03-04-2024 ENG

Windows Start File Explorer Mail Word OneDrive Google Chrome Google Photos

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 54.159.2.90/wordpress/wp-admin/install.php?step=2

Success!

WordPress has been installed. Thank you, and enjoy!

Username yaswanth

Password Your chosen password.

[Log In](#)

Type here to search

35°C Mostly clear

18:31 03-04-2024

A screenshot of a Microsoft Edge browser window showing a WordPress login page. The URL in the address bar is 54.159.2.90/wordpress/wp-login.php. The page features the classic blue 'W' logo at the top. Below it is a form with fields for 'Username or Email Address' and 'Password', both with red outlines. There is a 'Remember Me' checkbox and a 'Log In' button. A red checkmark is placed to the right of the form. At the bottom of the page are links for 'Lost your password?' and '← Go to Monolithic Task'. The browser's taskbar at the bottom shows various pinned icons and the system tray on the right.

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | Log In < Monolithic Task — Wor

Not secure 54.159.2.90/wordpress/wp-login.php

Username or Email Address

Password

Remember Me

Log In

Lost your password?

← Go to Monolithic Task

Type here to search

35°C Mostly clear

18:31 03-04-2024

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | Dashboard < Monolithic Task — +

Not secure 54.159.2.90/wordpress/wp-admin/ Howdy, yaswanth

Dashboard

Welcome to WordPress! 

[Learn more about the 6.5 version.](#)

 Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.

[Add a new page](#)

 Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)

 Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

[Edit styles](#)

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

Quick Draft

Title

Content

Drag boxes here

Type here to search                   

35°C Mostly clear 18:35 03-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | Log In < Monolithic Task — WordPress | Monolithic Task

Not secure 54.159.2.90/wordpress/

Monolithic Task ✓ Sample Page

A commitment to innovation and sustainability

Études is a pioneering firm that seamlessly merges creativity and functionality to redefine architectural excellence.

About us



Type here to search   35°C Mostly clear 18:32 03-04-2024

For microservices: 2 EC2 instances, 1 for wordpress and 1 for MYSQL.
Configure the necessary security group for the instances.
EC2 instance type: t2-micro, AMI: ubuntu-*.
Create a welcome page in wordpress that will be the homepage.

Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

aws Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events Console-to-Code Preview Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots CloudShell Feedback

Instances (1/2) Info

Find Instance by attribute or tag (case-sensitive)

Running

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Z
wordpress	i-079af9b54f918e7c2	Running	t2.micro	Initializing	View alarms +	us-east-1b
Mysql	i-0dc4fa4e109f1ddb0	Running	t2.micro	Initializing	View alarms +	us-east-1b

Instance: i-0dc4fa4e109f1ddb0 (Mysql)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-0dc4fa4e109f1ddb0 (Mysql)

Public IPv4 address: 54.226.116.227 [open address]

Private IPv4 addresses: 172.31.19.130

IPv6 address: -

Instance state: Running

Public IPv4 DNS: ec2-54-226-116-227.compute-1.amazonaws.com [open address]

Hostname type: IP name: ip-172-31-19-130.ec2.internal

Private IP DNS name (IPv4 only): ip-172-31-19-130.ec2.internal

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Type here to search 32°C Mostly cloudy 21:17 04-04-2024

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Usage of /: 20.4% of 7.57GB Users logged in: 0
Memory usage: 21% IPv4 address for eth0: 172.31.19.130
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-19-130:~\$ sudo apt update

i-0dc4fa4e109f1ddb0 (Mysql)

PublicIPs: 54.226.116.227 PrivateIPs: 172.31.19.130

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

```
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [49.6 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [12.0 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.1 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.0 kB]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [28.4 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.2 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1303 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [233 kB]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1616 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [271 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [852 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [163 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.1 kB]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7476 B]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Fetched 30.4 MB in 6s (5361 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
41 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-19-130:~$ sudo apt install mysql-server
```

i-0dc4fa4e109f1ddb0 (Mysql)

PublicIPs: 54.226.116.227 PrivateIPs: 172.31.19.130

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Setting up libhtml-parser-perl:amd64 (3.76-1build2) ...
Setting up libhttp-message-perl (6.36-1) ...
Setting up mysql-server-8.0 (8.0.36-0ubuntu0.22.04.1) ...
update-alternatives: using /etc/mysql/mysql.cnf to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Renaming removed key_buffer and myisam-recover options (if present)
mysqld will log errors to /var/log/mysql/error.log
mysqld is running as pid 2534
Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /lib/systemd/system/mysql.service.
Setting up libcgi-pm-perl (4.54-1) ...
Setting up libhtml-template-perl (2.97-1.1) ...
Setting up mysql-server (8.0.36-0ubuntu0.22.04.1) ...
Setting up libcgi-fast-perl (1:2.15-1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.6) ...
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-172-31-19-130:~\$ sudo mysql_secure_installation

i-0dc4fa4e109f1ddb0 (Mysql)

Public IPs: 54.226.116.227 Private IPs: 172.31.19.130

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : n

... skipping.

All done!

ubuntu@ip-172-31-19-130:~\$ sudo mysql -u root -p ↗

Enter password:

Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.36-Ubuntu0.22.04.1 (Ubuntu)

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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_db; ↗

Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'wordpress_user'@'%' IDENTIFIED BY 'password123'; ↗

Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wordpress_user'@'%'; ↗

Query OK, 0 rows affected (0.01 sec)

mysql> ↗

i-0dc4fa4e109f1ddb0 (Mysql)

Public IPs: 54.226.116.227 Private IPs: 172.31.19.130

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Record high 21:25 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Server version: 8.0.36-0ubuntu0.22.04.1 (Ubuntu)

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

```
mysql> CREATE DATABASE wordpress_db;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'wordpress_user'@'%' IDENTIFIED BY 'password123';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wordpress_user'@'%';
Query OK, 0 rows affected (0.01 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.01 sec)

mysql> exit;
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 'exit' at line 1
mysql> exit; ✓
Bye
ubuntu@ip-172-31-19-130:~$ sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf
```

i-0dc4fa4e109f1ddb0 (Mysql)

PublicIPs: 54.226.116.227 PrivateIPs: 172.31.19.130

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30°C Partly cloudy

21:38 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S] N. Virginia ▾ Yaswanth ▾

GNU nano 6.2 /etc/mysql/mysql.conf.d/mysqld.cnf

```
# changed. Ref https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_tmpdir
# tmpdir          = /tmp
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address        = 127.0.0.1✓
mysqlx-bind-address = 127.0.0.1
#
# * Fine Tuning
#
key_buffer_size      = 16M
# max_allowed_packet = 64M
# thread_stack        = 256K
#
# thread_cache_size   = -1
#
# This replaces the startup script and checks MyISAM tables if needed
# the first time they are touched
myisam-recover-options = BACKUP
#
# max_connections     = 151
#
# table_open_cache    = 4000
```

^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-J To Bracket M-Q Previous
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was M-W Next

i-0dc4fa4e109f1ddb0 (Mysql)

Public IPs: 54.226.116.227 Private IPs: 172.31.19.130

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30°C Partly cloudy 21:39 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

GNU nano 6.2 /etc/mysql/mysql.conf.d/mysqld.cnf *

```
# changed. Ref https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html#sysvar_tmpdir
# tmpdir          = /tmp
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address        = 0.0.0.0
mysqlx-bind-address = 127.0.0.1
#
# * Fine Tuning
#
key_buffer_size      = 16M
# max_allowed_packet = 64M
# thread_stack        = 256K
#
# thread_cache_size   = -1
#
# This replaces the startup script and checks MyISAM tables if needed
# the first time they are touched
myisam-recover-options = BACKUP
#
# max_connections     = 151
#
# table_open_cache    = 4000
```

^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-J To Bracket M-Q Previous
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was M-W Next

i-0dc4fa4e109f1ddb0 (Mysql)

Public IPs: 54.226.116.227 Private IPs: 172.31.19.130

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Type here to search

30°C Partly cloudy 21:39 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Query OK, 1 row affected (0.01 sec)

```
mysql> CREATE USER 'wordpress_user'@'%' IDENTIFIED BY 'password123';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wordpress_user'@'%';
Query OK, 0 rows affected (0.01 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.01 sec)

mysql> exit;
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 'exit' at line 1
mysql> exit;
Bye
ubuntu@ip-172-31-19-130:~$ sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf
ubuntu@ip-172-31-19-130:~$ systemctl restart mysql
==== AUTHENTICATING FOR org.freedesktop.systemd1.manage-units ===
Authentication is required to restart 'mysql.service'.
Authenticating as: Ubuntu (ubuntu)
Password:
polkit-agent-helper-1: pam_authenticate failed: Authentication failure
==== AUTHENTICATION FAILED ===
Failed to restart mysql.service: Access denied
See system logs and 'systemctl status mysql.service' for details.
ubuntu@ip-172-31-19-130:~$ sudo systemctl restart mysql
ubuntu@ip-172-31-19-130:~$ 
```

i-0dc4fa4e109f1ddb0 (Mysql)

PublicIPs: 54.226.116.227 PrivateIPs: 172.31.19.130

CloudShell Feedback

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30°C Partly cloudy 21:40 04-04-2024 ENG

Instances | EC2 | us-east-1 x EC2 Instance Connect | us-east-1 x + us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3;\$case=true%5C,client:false;\$regex=tags:false%5C,client:false

aws Services Search [Alt+S] N. Virginia ▾ Yaswanth ▾

EC2 Dashboard EC2 Global View Events Console-to-Code Preview Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots CloudShell Feedback Type here to search

Instances (1/2) Info Find Instance by attribute or tag (case-sensitive) Connect Instance state Actions Launch instances

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
wordpress	i-079af9b54f918e7c2	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b
Mysql	i-0dc4fa4e109f1ddb0	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b

Instance: i-079af9b54f918e7c2 (wordpress)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Public IPv4 address: 54.160.147.155 | open address Private IPv4 addresses: 172.31.22.235 Instance state: Running Private IP DNS name (IPv4 only): ip-172-31-22-235.ec2.internal Public IPv4 DNS: ec2-54-160-147-155.compute-1.amazonaws.com | open address

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Instances | EC2 | us-east-1 x EC2 Instance Connect | us-east-1 x EC2 Instance Connect | us-east-1 x +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-079af9b54f918e7c2&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

compliance features.

<https://ubuntu.com/aws/pro>

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-22-235:~\$ sudo apt update

i-079af9b54f918e7c2 (wordpress)

Public IPs: 54.160.147.155 Private IPs: 172.31.22.235

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 EC2 Instance Connect | us-east-1 +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-079af9b54f918e7c2&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

```
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [49.6 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [12.0 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [67.1 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [11.0 kB]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [28.4 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.2 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1303 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [233 kB]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1616 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [271 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [852 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [163 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [37.1 kB]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7476 B]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Fetched 30.4 MB in 6s (5495 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
41 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-22-235:~$ sudo apt install apache2 php libapache2-mod-php php-mysql
```

i-079af9b54f918e7c2 (wordpress)

PublicIPs: 54.160.147.155 PrivateIPs: 172.31.22.235

Instances | EC2 | us-east-1 x EC2 Instance Connect | us-east-1 x EC2 Instance Connect | us-east-1 x +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-079af9b54f918e7c2&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

Processing triggers for php8.1-cli (8.1.2-1ubuntu2.14) ...
Processing triggers for libapache2-mod-php8.1 (8.1.2-1ubuntu2.14) ...
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-172-31-22-235:~\$ cd /tmp ✓
ubuntu@ip-172-31-22-235:/tmp\$ wget https://wordpress.org/latest.tar.gz ✓
--2024-04-04 16:00:21-- 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: 24696382 (24M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz 100%[=====] 23.55M 52.6MB/s in 0.4s

2024-04-04 16:00:21 (52.6 MB/s) - 'latest.tar.gz' saved [24696382/24696382]

ubuntu@ip-172-31-22-235:/tmp\$ tar -xvf latest.tar.gz[]

i-079af9b54f918e7c2 (wordpress)

Public IPs: 54.160.147.155 Private IPs: 172.31.22.235

Instances | EC2 | us-east-1 EC2 Instance Connect | us-east-1 EC2 Instance Connect | us-east-1

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-079af9b54f918e7c2&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

```
wordpress/wp-admin/js/custom-background.js
wordpress/wp-admin/js/color-picker.min.js
wordpress/wp-admin/js/site-icon.min.js
wordpress/wp-admin/js/auth-app.js
wordpress/wp-admin/js/code-editor.js
wordpress/wp-admin/js/common.js
wordpress/wp-admin/js/set-post-thumbnail.min.js
wordpress/wp-admin/js/postbox.min.js
wordpress/wp-admin/js/color-picker.js
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
ubuntu@ip-172-31-22-235:/tmp$ sudo mv wordpress/ /var/www/html ✓
ubuntu@ip-172-31-22-235:/tmp$ sudo chown -R www-data:www-data /var/www/html/wordpress ✓
ubuntu@ip-172-31-22-235:/tmp$ sudo chmod -R 755 /var/www/html/wordpress ✓
ubuntu@ip-172-31-22-235:/tmp$ []
```

i-079af9b54f918e7c2 (wordpress)

Public IPs: 54.160.147.155 Private IPs: 172.31.22.235



CloudShell Feedback

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30°C Partly cloudy 21:32 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Apache2 Ubuntu Default Page | +

Not secure 54.160.147.155

 **Apache2 Default Page**

Ubuntu  ✓

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|   '-- ports.conf
|-- mods-enabled
|   '-- *.load
|   '-- *.conf
|-- conf-enabled
|   '-- *.conf
|-- sites-enabled
|   '-- *.conf
```

Type here to search         30°C Partly cloudy  ENG 21:33 04-04-2024

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration

Not secure 54.160.147.155/wordpress/wp-admin/setup-config.php?step=0

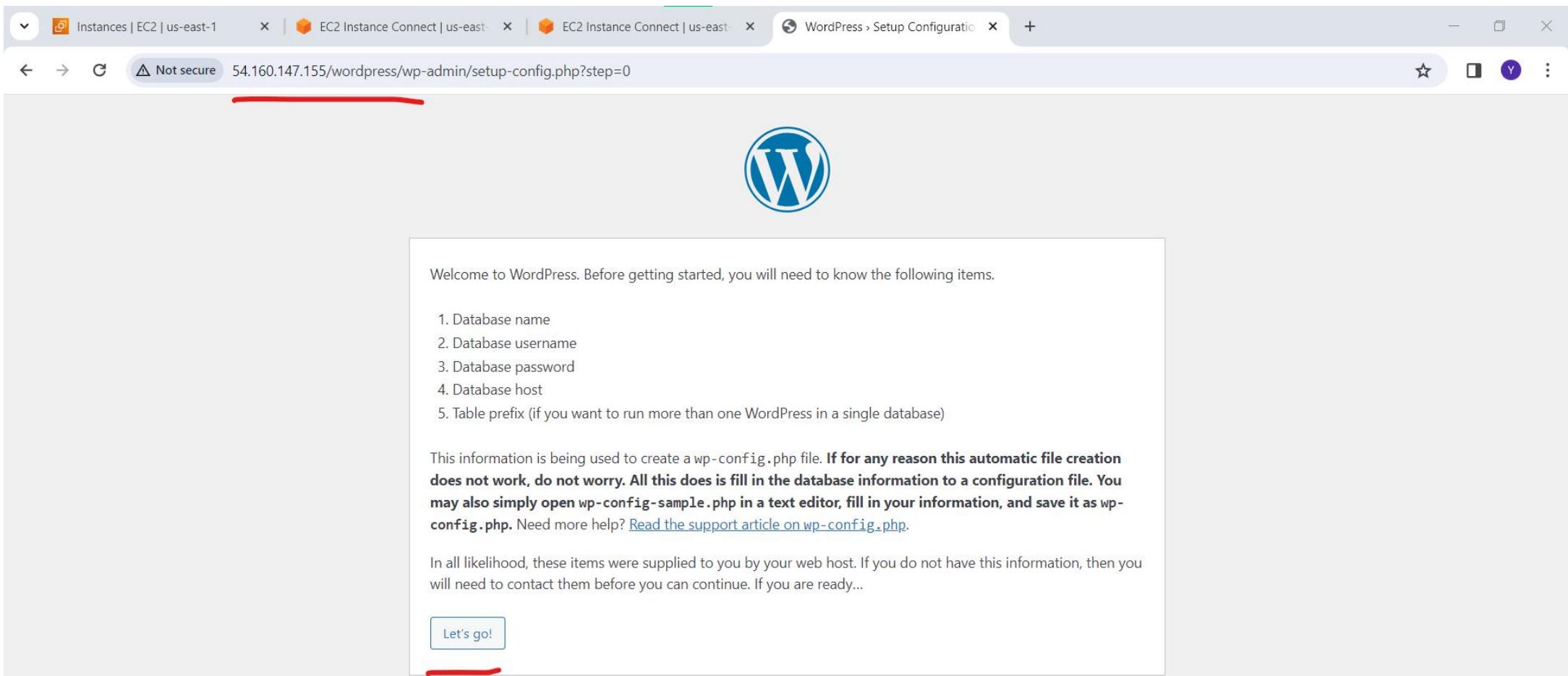
Welcome to WordPress. Before getting started, you will need to know the following items.

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)

This information is being used to create a wp-config.php file. **If for any reason this automatic file creation does not work, do not 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? [Read the support article on wp-config.php](#).

In all likelihood, these items were supplied to you by your web host. If you do not have this information, then you will need to contact them before you can continue. If you are ready...

Let's go!



Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-0dc4fa4e109f1ddb0&osUser=ubuntu&sshPort=22#/

aws Services Search [Alt+S]

made so far will take effect immediately.

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : n

... skipping.

All done!

ubuntu@ip-172-31-19-130:~\$ sudo mysql -u root -p

Enter password:

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

Your MySQL connection id is 10

Server version: 8.0.36-Ubuntu0.22.04.1 (Ubuntu)

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

```
mysql> CREATE DATABASE wordpress_db;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'wordpress_user'@'%' IDENTIFIED BY 'password123';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wordpress_user'@'%';
Query OK, 0 rows affected (0.01 sec)
```

i-0dc4fa4e109f1ddb0 (Mysql) ✓

PublicIPs: 54.226.116.227 PrivateIPs: 172.31.19.130

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration

Not secure 54.160.147.155/wordpress/wp-admin/setup-config.php?step=1

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

Database Name ✓

The name of the database you want to use with WordPress.

Username ✓

Your database username.

Password ✓ Hide

Your database password.

Database Host ✓

You should be able to get this info from your web host, if localhost does not work.

Table Prefix

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

Submit



Type here to search



30°C Partly cloudy



21:36
04-04-2024



Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration

Not secure 54.160.147.155/wordpress/wp-admin/setup-config.php?step=2

All right, sparky! You've made it through this part of the installation. WordPress can now communicate with your database. If you are ready, time now to...

Run the installation

Type here to search

30°C Partly cloudy 21:42 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 54.160.147.155/wordpress/wp-admin/install.php?language=en_US

Welcome

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. Do not worry, you can always change these settings later.

Site Title

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

Password \$xBxd%C54wUUo!03w2 Hide
Strong

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

Your Email
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](#)

Type here to search         

30°C Partly cloudy  ENG 21:42 04-04-2024

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 54.160.147.155/wordpress/wp-admin/install.php?language=en_US

Welcome

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. Do not worry, you can always change these settings later.

Site Title microservices ✓

Username yaswanth ✓

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

Password password@__123 ✓ Hide
Medium

Your Email desineediyaswanthkumar@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

Type here to search 30°C Partly cloudy 21:44 04-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 54.160.147.155/wordpress/wp-admin/install.php?step=2

Success! 

WordPress has been installed. Thank you, and enjoy!

Username yaswanth

Password Your chosen password.

[Log In](#)

Type here to search          

30°C Partly cloudy  ENG 04-04-2024 21:45

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Log In < microservices — WordPress

Not secure 54.160.147.155/wordpress/wp-login.php

Error: The username **wordpress_user** is not registered on this site. If you are unsure of your username, try your email address instead.

Username or Email Address
desineediyaswanthkuma

Password
password@__123

Remember Me

Log In

Lost your password?

← Go to microservices

Type here to search

30°C Partly cloudy

21:47 04-04-2024

Windows Start Menu

File Explorer

Email

Word

OneNote

PowerPoint

Excel

Image

Video

Search

Cloud

Network

Task View

System tray icons: battery, signal, network, volume, language, date/time

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Dashboard < microservices — WordPress

Not secure 54.160.147.155/wordpress/wp-admin/ Howdy, yaswanth

Dashboard

Welcome to WordPress! ✓

Learn more about the 6.5 version.

Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.

[Add a new page](#)

Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)

Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

[Edit styles](#)

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

Quick Draft

Title

Content

Drag boxes here

Type here to search

21:47 04-04-2024

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Dashboard < microservices — W | microservices

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

aws Services Search [Alt+S]

EC2 Dashboard X EC2 Global View Events Console-to-Code Preview Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots CloudShell Feedback Type here to search

Instances (1/2) Info

Find Instance by attribute or tag (case-sensitive)

Running

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
wordpress	i-079af9b54f918e7c2	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b
Mysql	i-0dc4fa4e109f1ddb0	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1b

Instance: i-079af9b54f918e7c2 (wordpress)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID	i-079af9b54f918e7c2 (wordpress)	Public IPv4 address	54.160.147.155 [open address]
IPv6 address	-	Instance state	Running
Hostname type	IP name: ip-172-31-22-235.ec2.internal	Private IP DNS name (IPv4 only)	ip-172-31-22-235.ec2.internal
		Private IPv4 addresses	172.31.22.235
		Public IPv4 DNS	ec2-54-160-147-155.compute-1.amazonaws.com [open address]

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CloudShell Feedback Type here to search

30°C Partly cloudy 21:49 04-04-2024 ENG

A screenshot of a Microsoft Edge browser window showing a WordPress site at 54.160.147.155/wordpress/. The page title is "microservices". The URL bar has a red underline under "Not secure". The address bar shows the URL. The top navigation bar includes "microservices", "Edit site", "0", "+ New", and a user profile for "Howdy, yaswanth". The main content area features a large heading "A commitment to innovation and sustainability" with a red checkmark icon to its right. Below the heading is a paragraph: "Études is a pioneering firm that seamlessly merges creativity and functionality to redefine architectural excellence." A black "About us" button is centered below the text. The background image is a photograph of a modern building's facade with a curved, ribbed pattern against a blue sky. The Windows taskbar at the bottom shows the Start button, a search bar with "Type here to search", pinned icons for File Explorer, Mail, Word, Excel, Edge, and Photos, and system status icons for weather (30°C Partly cloudy), battery, signal, and language (ENG). The date and time are shown as "21:48 04-04-2024".

I have previously completed the task using a different EC2 instance with a distinct IP address, and subsequently terminated it. Now, I am repeating the task using another EC2 instance with a different IP address to provide you with a URL for verification of its functionality. Consequently, I will not be including all screenshots in this submission, as I have already documented the process with a different IP address. Instead, I will only display the IP address and final output screenshots for your reference.

Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

aws Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events Console-to-Code Preview Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots CloudShell Feedback

Instances (1/2) Info

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input checked="" type="checkbox"/> Mysql	i-0c406493904aa8857	Running	t2.micro	Initializing	View alarms +	us-east-1b
<input type="checkbox"/> wordpress	i-0b16777f9486ae5f8	Running	t2.micro	Initializing	View alarms +	us-east-1b

Instance: i-0c406493904aa8857 (Mysql)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID	i-0c406493904aa8857 (Mysql)	Public IPv4 address	18.208.247.123 [open address]
IPv6 address	-	Instance state	Running
Hostname type	IP name: ip-172-31-28-175.ec2.internal	Private IP DNS name (IPv4 only)	ip-172-31-28-175.ec2.internal

CloudShell Feedback

Type here to search

34°C Mostly sunny 12:04 08-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Apache2 Ubuntu Default Page

Not secure 174.129.57.126

Apache2 Default Page

Ubuntu

It works! ✓

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|   '-- ports.conf
|-- mods-enabled
|   '-- *.load
|   '-- *.conf
|-- conf-enabled
|   '-- *.conf
|-- sites-enabled
|   '-- *.conf
```

Type here to search

33°C Mostly sunny 12:21 08-04-2024 ENG

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration | +

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0c406493904aa8857&osUser=ubuntu®ion=us-east-1&sshPort=22#/

aws Services Search [Alt+S]

Your MySQL connection id is 10
Server version: 8.0.36-0ubuntu0.22.04.1 (Ubuntu)

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

```
mysql> CREATE DATABASE wordpress_db;
Query OK, 1 row affected (0.00 sec)

mysql> CREATE USER 'wordpress_user'@'%' IDENTIFIED BY 'yashu@123';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress_db.* TO 'wordpress_user'@'%';
Query OK, 0 rows affected (0.01 sec)

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

mysql> exit;
Bye
```

ubuntu@ip-172-31-28-175:~\$ sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf
ubuntu@ip-172-31-28-175:~\$ sudo systemctl restart mysql
ubuntu@ip-172-31-28-175:~\$

i-0c406493904aa8857 (Mysql) ✓
Public IPs: 18.208.247.123 Private IPs: 172.31.28.175

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress : Setup Configuration

Not secure 174.129.57.126/wordpress/wp-admin/setup-config.php?step=1

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

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

Username ✓
Your database username.

Password ✓ Hide
Your database password.

Database Host ✓
You should be able to get this info from your web host, if localhost does not work.

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

Submit

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | WordPress > Installation

Not secure 174.129.57.126/wordpress/wp-admin/install.php?language=en_US

Welcome

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. Do not worry, you can always change these settings later.

Site Title microservices ✓

Username yaswanth

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

Password Yashu@123 ✓ Hide Medium

Your Email desineediyaswanthkumar@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

Type here to search  File Explorer Mail Word Icons Cloud Storage Scissors

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Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Log In < microservices — WordPress | New Tab

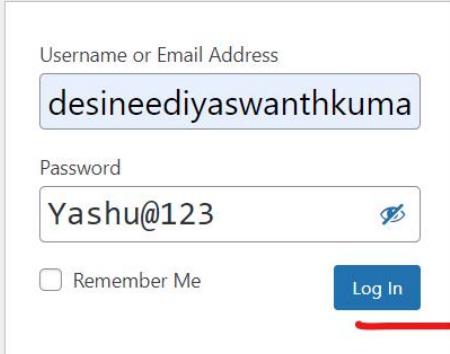
Not secure 174.129.57.126/wordpress/wp-login.php

Username or Email Address
desineediyaswanthkuma

Password
Yashu@123

Remember Me Log In

Lost your password?
← Go to microservices



Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Dashboard < microservices — W | New Tab

Not secure 174.129.57.126/wordpress/wp-admin/ Howdy, yaswanth Screen Options Help Dismiss

Dashboard

Welcome to WordPress! 

Learn more about the 6.5 version.

 Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.

[Add a new page](#)

 Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)

 Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

[Edit styles](#)

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

Quick Draft

Title
Content

Drag boxes here

Type here to search      

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A screenshot of a web browser window showing a WordPress site at 174.129.57.126/wordpress/. The page title is "microservices". A red checkmark is drawn next to the title. The page content includes a main heading "A commitment to innovation and sustainability" with a red checkmark to its right, and a descriptive paragraph about Études. A large image of a modern building's facade is displayed below the text. The Windows taskbar at the bottom shows various icons and system status.

Instances | EC2 | us-east-1 | EC2 Instance Connect | us-east-1 | EC2 Instance Connect | us-east-1 | Dashboard < microservices — W | microservices

Not secure 174.129.57.126/wordpress/

microservices Edit site 0 + New Howdy, yaswanth

Sample Page

A commitment to innovation and sustainability

Études is a pioneering firm that seamlessly merges creativity and functionality to redefine architectural excellence.

About us



Type here to search  33°C Mostly sunny 12:27 08-04-2024