

Internship Task Report: Deploying WordPress Using Monolithic and Microservices Architectures

Introduction:

This report details the steps taken to deploy WordPress using two different architectures: monolithic and microservices. The task involves configuring EC2 instances on AWS, deploying WordPress and MySQL, and setting up a welcome page as the homepage.

Architectures Overview:

Monolithic:

Architecture In a monolithic architecture, all components of the application run on a single server. For this task, we deployed both WordPress and MySQL on a single EC2 instance.

Microservices:

Architecture In a microservices architecture, different components of the application are isolated into separate services. For this task, we deployed WordPress on one EC2 instance and MySQL on another.

EC2 Instances Configuration:

Instance Details:

- Instance Type: t2-micro
- AMI: Ubuntu 20.04 LTS (ami-0a91cd140a1fc148a)

Security Groups:

- Allow HTTP (port 80) for WordPress.
- Allow MySQL (port 3306) only from the WordPress instance for enhanced security.
- Allow SSH (port 22) for administration purposes.

Deployment Steps

Monolithic Architecture

1. Launch EC2 Instance
 - Create a t2-micro EC2 instance with the specified AMI (Ubuntu 20.04 LTS).
 - Assign a security group allowing HTTP, MySQL, and SSH access.

2. Install and Configure Apache

```
->sudo apt update  
->sudo apt install apache2  
->sudo systemctl start apache2  
->sudo systemctl enable apache2
```

3. Install and Configure MySQL

```
->sudo apt install mysql-server  
->sudo mysql_secure_installation  
->sudo mysql  
->CREATE DATABASE wordpress;  
->CREATE USER 'wp_user'@'localhost' IDENTIFIED BY  
'password';  
->GRANT ALL PRIVILEGES ON wordpress.* TO  
'wp_user'@'localhost';  
>FLUSH PRIVILEGES;
```

4. Install PHP and WordPress

```
->sudo apt install php libapache2-mod-php php-mysql  
->cd /tmp
```

```
->wget https://wordpress.org/latest.tar.gz  
->tar -xzf latest.tar.gz  
->sudo mv wordpress /var/www/html/  
->sudo chown -R www-data:www-data  
/var/www/html/wordpress  
->sudo chmod -R 755 /var/www/html/wordpress  
->sudo systemctl restart apache2
```

5. Configure WordPress

- Navigate to `http://your_instance_ip/wordpress` in a web browser.
- Complete the WordPress setup wizard, connecting it to the MySQL database created earlier.
- Create a welcome page and set it as the homepage.

Microservices Architecture

1. Launch EC2 Instances

- Create two t2-micro EC2 instances with the specified AMI (Ubuntu 20.04 LTS).
- One instance for WordPress (WP-Instance) and another for MySQL (DB-Instance).
- Assign appropriate security groups.

2. Configure MySQL on DB-Instance

```
->sudo apt update  
->sudo apt install mysql-server  
->sudo mysql_secure_installation  
-> sudo mysql
```

```
->CREATE DATABASE wordpress;  
->CREATE USER 'wp_user'@'%' IDENTIFIED BY 'password';  
->GRANT ALL PRIVILEGES ON wordpress.* TO  
'wp_user'@'%';  
-> FLUSH PRIVILEGES;  
>sudo ufw allow 3306
```

3. Install and Configure Apache and WordPress on WPInstance

```
->sudo apt update  
->sudo apt install apache2 php libapache2-mod-php phpmySQL  
->cd /tmp  
>wget https://wordpress.org/latest.tar.gz  
->tar -xzvf latest.tar.gz  
->sudo mv wordpress /var/www/html/  
->sudo chown -R www-data:www-data  
/var/www/html/wordpress  
->sudo chmod -R 755 /var/www/html/wordpress  
->sudo systemctl start apache2  
->sudo systemctl enable apache2
```

4. Configure WordPress to Use Remote MySQL Database

- -Update the WordPress configuration to point to the DB-Instance.

```
-> // In /var/www/html/wordpress/wp-config.php  
->define('DB_NAME', 'wordpress');  
->define('DB_USER', 'wp_user');  
->define('DB_PASSWORD', 'password');  
->define('DB_HOST', 'DB-Instance_IP');
```

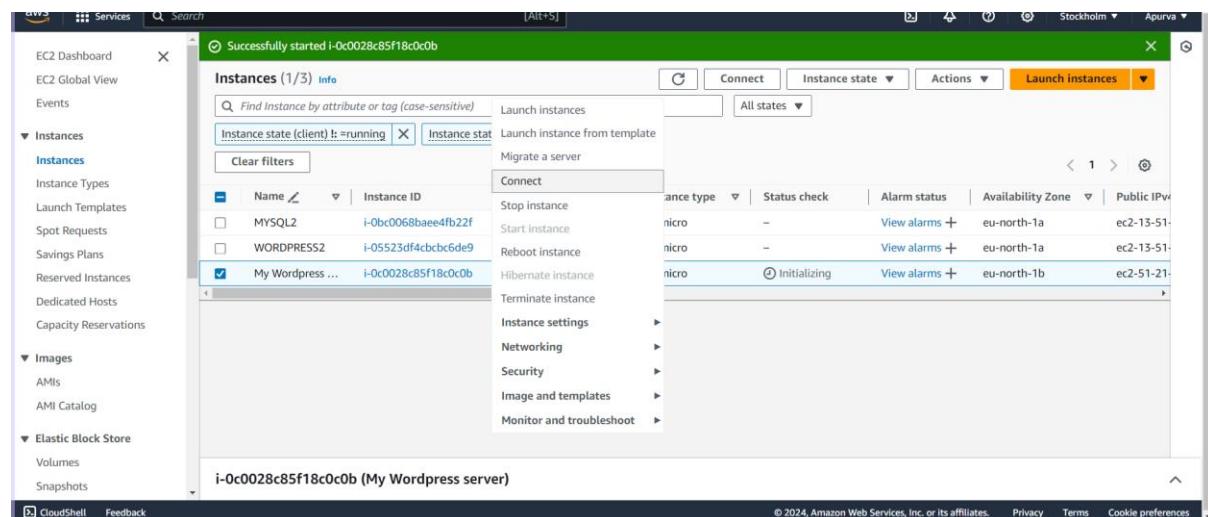
5. Complete WordPress Setup

- Navigate to `http://WP-Instance_IP/wordpress` in a web browser.
- Complete the WordPress setup wizard, connecting it to the remote MySQL database.
- Create a welcome page and set it as the homepage

Conclusion:

Different approaches to application architecture are demonstrated via the deployment of WordPress using both microservices and monolithic structures. All services are combined into a single instance in a monolithic setup, which simplifies management while maximizing scalability. The application server and database are kept apart by the microservices architecture, which increases fault isolation and scalability at the expense of complexity. After configuring both configurations to guarantee functioning and security, a WordPress welcome page was created. This work prepared for more complex deployment situations in real-world settings by offering insightful information about the advantages and disadvantages of various architectural styles.

For Monolithic:



Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

Images

- AMIs
- AMI Catalog

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups
- Classic IP

CloudShell Feedback

Name
My wordpress 2 [Add additional tags](#)

Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Quick Start

Search: Search our full catalog including 1000s of application and OS images

Amazon Linux macOS Ubuntu Windows Red Hat SUSE [Browse more AMIs](#)

Amazon Machine Image (AMI)

Summary

Number of instances [Info](#)
1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.4.2... [read more](#)
ami-0d5a2960fac852bc

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

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

Free tier: In your first year

Launch instance [Review commands](#)

© 2024, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

Images

- AMIs
- AMI Catalog

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups
- Classic IP

CloudShell Feedback

Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required
 wordpress_server [Create new key pair](#)

Network settings [Info](#)

Network [Info](#)
vpc-00c79f69719fec3d

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](#)

Summary

Number of instances [Info](#)
1

Software Image (AMI)
Canonical, Ubuntu, 24.04 LTS, ... [read more](#)
ami-07053840b33c194c

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

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

Free tier: In your first year

Launch instance [Review commands](#)

© 2024, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Instances

- Instances
- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

Images

- AMIs
- AMI Catalog

Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

Network & Security

- Security Groups
- Classic IP

CloudShell Feedback

Network [Info](#)
vpc-00c79f69719fec3d

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-6' 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

Summary

Number of instances [Info](#)
1

Software Image (AMI)
Canonical, Ubuntu, 24.04 LTS, ... [read more](#)
ami-07053840b33c194c

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

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

Free tier: In your first year

Launch instance [Review commands](#)

© 2024, Amazon Web Services, Inc. or its affiliates. [Privacy](#) [Terms](#) [Cookie preferences](#)

Configure storage

Number of instances: 1

Software Image (AMI): Canonical, Ubuntu, 24.04 LTS, ...read more
ami-0705584c0b33c194c

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

Advanced details

Success
Successfully initiated launch of instance i-Offd42a674061e8aa

Next Steps

- Create billing and free tier usage alerts
- Connect to your instance
- Connect an RDS database
- Create EBS snapshot policy

Elastic IP addresses (1/1)

Actions

- Associate this Elastic IP address
- Release Elastic IP addresses
- Associate Elastic IP address
- Disassociate Elastic IP address
- Update reverse DNS
- Enable transfers
- Disable transfers
- Accept transfers

Elastic IP address allocated successfully.
Elastic IP address 13.48.144.159

Public IPv4 address: 13.48.144.159

Associated with: eipalloc-0a30

Summary Tags

Elastic IP address associated successfully.
Elastic IP address 13.48.144.159 has been associated with instance i-0ffd42a674061e8aa

Name	Allocated IPv4 addr...	Type	Allocation ID	Reverse DNS record
-	13.48.144.159	Public IP	eipalloc-0a3098149bb767846	-
-	13.51.111.42	Public IP	eipalloc-06066ddf173911e81	-
-	13.51.81.216	Public IP	eipalloc-031ba3c08b5bfe386	-

View IP address usage and recommendations to release unused IPs with [Public IP insights](#).

Instances (1/4) info

Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs
t3.micro	-	View alarms +	eu-north-1a	ec2-13-51-111-42.eu.n...	13.51.111.42	13.51.111.42	-
t3.micro	-	View alarms +	eu-north-1a	ec2-13-51-81-216.eu.n...	13.51.81.216	13.51.81.216	-
t3.micro	2/2 checks passed	View alarms +	eu-north-1a	ec2-13-48-144-159.eu...	13.48.144.159	13.48.144.159	-
t3.micro	-	View alarms +	eu-north-1b	ec2-51-21-92-65.eu.no...	51.21.92.65	51.21.92.65	-

i-0ffd42a674061e8aa (My wordpress 2)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-0ffd42a674061e8aa (My wordpress 2)	Public IPv4 address 13.48.144.159 open address	Private IPv4 addresses 172.31.26.112
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-13-48-144-159.eu-north-1.compute.amazonaws.com open address

EC2 Instance Connect

Session Manager SSH client EC2 serial console

Instance ID: i-0ffd42a674061e8aa (My wordpress 2)

Connection Type:

- Connect using EC2 Instance Connect
- Connect using EC2 Instance Connect Endpoint

Public IP address: 13.48.144.159

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

```
aws Services Search [Alt+S] Stockholm Apurva
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

Last login: Sat Jun  8 10:22:30 2024 from 13.48.4.203
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-26-112:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 0 not upgraded.
Need to get 2081 kB of archives.

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws Services Search [Alt+S] Stockholm Apurva
Enabling module regtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-ghosts-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 → /usr/lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /usr/lib/systemd/system/apache-htcacheclean.service.
Processing triggers for ufw (0.36.2-6) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8) ...
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-172-31-26-112:~$ sudo apt install php libapache2-mod-php php-mysql
i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws Services Search [Alt+S] Stockholm Apurva
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-172-31-26-112:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.3 php-common php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 php php-common php-mysql php8.3 php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
0 upgraded, 11 newly installed, 0 to remove and 0 not upgraded.
Need to get 5047 kB of additional disk space will be used.
Do you want to continue? [Y/n] 
```

```
aws Services Search [Alt+S] Stockholm Apurva
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-172-31-26-112:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.3 php-common php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 php php-common php-mysql php8.3 php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
0 upgraded, 11 newly installed, 0 to remove and 0 not upgraded.
Need to get 5047 kB of archives.
After this operation, 22.9 MB of additional disk space will be used.
Do you want to continue? [Y/n] y

i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
aws Services Search [Alt+S] Stockholm Apurva
Creating config file /etc/php/8.3/apache2/php.ini with new version
Module mmap.event disabled.
Enabling module mmap.event.
apache2 switched from Swoole to prefork
php8.3_invoke() module module php8.3
Setting up php8.3 (8.3.6-0maysync1) ...
Setting up libapache2-mod-php (2:8.3+93ubuntu2) ...
Setting up php (2:8.3+93ubuntu2) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for php8.3-cli (8.3.6-0maysync1) ...
Processing triggers for libapache2-mod-php8.3 (8.3.6-0maysync1) ...
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-172-31-26-112:~$ sudo apt install mysql-server
```

```
i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112

aws Services Search [Alt+S] Stockholm Apurva
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-172-31-26-112:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libfcgi-perl libfcgi-bin libfcgi-perl libfcgi0t64 libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl libiwp-mediatypes-perl libmecab2 libprotobuf-lite32t64
  libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0
  mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libio-compress-brotli-perl libbusiness-lisp-perl libregexp-ipv6-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libfcgi-perl libfcgi-bin libfcgi-perl libfcgi0t64 libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl libiwp-mediatypes-perl libmecab2 libprotobuf-lite32t64
  libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server mysql-server-8.0
  mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 0 not upgraded.
Need to get 29.5 MB of archives.
After this operation, 242 MB of additional disk space will be used.
Do you want to continue? [Y/n] y

i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
one!
update-alternatives: using /var/lib/mecab/dic/ipadic-utf8 to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode
setting up libhtml-parser-perl:amd64 (3.81-1build3) ...
setting up libhttp-message-perl (6.45-lubuntu1) ...
setting up mysql-server (8.0.36-2ubuntu3) ...
setting up libcgi-pm-perl (4.63-1) ...
setting up libhtml-template-perl (2.97-2) ...
setting up libcgi-fast-perl (112.17-1) ...
processing triggers for man-db (2.12.0-4build2) ...
processing triggers for libc-bin (2.39-0ubuntu8) ...
canning processes...
canning 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-172-31-26-112:~$ sudo mysql -u root
```

i-0ffd42a674061e8aa (My wordpress 2)

PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112

```
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-172-31-26-112:~$ sudo mysql -u root
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password BY 'Testpassword@123';
```

i-0ffd42a674061e8aa (My wordpress 2)

PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112

```
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-172-31-26-112:~$ sudo mysql -u root
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password BY 'Apul234';
```

i-0ffd42a674061e8aa (My wordpress 2)

PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112

```
aws | Services | Search [Alt+S] Stockholm ▾ Apurva ▾
your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)
Copyright (c) 2000, 2024, Oracle and/or its affiliates.

oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password by 'Apu1234';
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE USER 'Apu_user'@localhost IDENTIFIED BY 'Apu1234';
Query OK, 0 rows affected (0.03 sec)

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

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@localhost;
ERROR 1410 (42000): You are not allowed to create a user with GRANT
mysql> GRANT ALL PRIVILEGES ON Apu_db.* TO 'Apu_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws | Services | Search [Alt+S] Stockholm ▾ Apurva ▾
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by 'Apu1234';
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE USER 'Apu_user'@localhost IDENTIFIED BY 'Apu1234';
Query OK, 0 rows affected (0.03 sec)

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

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@localhost;
ERROR 1410 (42000): You are not allowed to create a user with GRANT
mysql> GRANT ALL PRIVILEGES ON Apu_db.* TO 'Apu_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

mysql> cd /tmp
-> wget https://wordpress.org/latest.tar.gz
-> ;
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 'cd /tmp
wget https://wordpress.org/latest.tar.gz' at line 1
mysql> exit
Bye
ubuntu@ip-172-31-26-112:~$ cd /tmp
ubuntu@ip-172-31-26-112:/tmp$ wget https://wordpress.org/latest.tar.gz

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws | Services | Search [Alt+S] Stockholm ▾ Apurva ▾
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-172-31-26-112:/tmp$ sudo mv wordpress/ /var/www/html

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```

aws Services Search [Alt+S]
ERROR 1410 (42000): You are not allowed to create a user with GRANT
mysql> GRANT ALL PRIVILEGES ON Apu_db.* TO 'Apu_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

mysql> cd /tmp
-> wget https://wordpress.org/latest.tar.gz
-> ;
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 'cd /tmp
wget https://wordpress.org/latest.tar.gz' at line 1
mysql> exit
Bye
ubuntu@ip-172-31-26-112:~$ cd /tmp
ubuntu@ip-172-31-26-112:/tmp$ wget https://wordpress.org/latest.tar.gz
--2024-06-08 10:50:23-- 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: 24696852 (24M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz          100%[=====] 23.55M 9.63MB/s   in 2.4s

2024-06-08 10:50:26 (9.63 MB/s) - 'latest.tar.gz' saved [24696852/24696852]

ubuntu@ip-172-31-26-112:/tmp$ 

```

i-Offd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112

Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs
t3.micro	-	View alarms +	eu-north-1a	ec2-13-51-111-42.eu.n...	13.51.111.42	13.51.111.42	-
t3.micro	-	View alarms +	eu-north-1a	ec2-13-51-81-216.eu.n...	13.51.81.216	13.51.81.216	-
t3.micro	2/2 checks passed	View alarms +	eu-north-1a	ec2-13-48-144-159.eu...	13.48.144.159	13.48.144.159	-
t3.micro	-	View alarms +	eu-north-1b	ec2-51-21-92-65.eu.no...	51.21.92.65	51.21.92.65	-

i-Offd42a674061e8aa (My wordpress 2)

Details | Status and alarms | Monitoring | Security | Networking | Storage | Tags

Instance summary

Instance ID: i-Offd42a674061e8aa (My wordpress 2)
Public IPv4 address: 13.48.144.159 | [open address](#)
IPv6 address: -
Instance state: Running

Private IPv4 addresses: 172.31.26.112
Public IPv4 DNS: ec2-13-48-144-159.eu-north-1.compute.amazonaws.com | [open address](#)

EC2 Instance Connect | Session Manager | SSH client | EC2 serial console

Instance ID: i-Offd42a674061e8aa (My wordpress 2)

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: 13.48.144.159

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

```
aws Services Search [Alt+S] Stockholm Apurva
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

Last login: Sat Jun  8 10:22:30 2024 from 13.48.4.203
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-26-112:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 0 not upgraded.
Need to get 2081 kB of archives.

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws Services Search [Alt+S] Stockholm Apurva
Enabling module regtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-ghosts-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 → /usr/lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /usr/lib/systemd/system/apache-htcacheclean.service.
Processing triggers for ufw (0.36.2-6) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8) ...
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-172-31-26-112:~$ sudo apt install php libapache2-mod-php php-mysql
i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws Services Search [Alt+S] Stockholm Apurva
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-172-31-26-112:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.3 php-common php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 php php-common php-mysql php8.3 php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
0 upgraded, 11 newly installed, 0 to remove and 0 not upgraded.
Need to get 5047 kB of additional disk space will be used.
Do you want to continue? [Y/n] 
```

```
aws Services Search [Alt+S] Stockholm Apurva
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-172-31-26-112:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.3 php-common php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 php php-common php-mysql php8.3 php8.3-cli php8.3-common php8.3-mysql php8.3-opcache php8.3-readline
0 upgraded, 11 newly installed, 0 to remove and 0 not upgraded.
Need to get 5047 kB of archives.
After this operation, 22.9 MB of additional disk space will be used.
Do you want to continue? [Y/n] y

i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
aws Services Search [Alt+S] Stockholm Apurva
Creating config file /etc/php/8.3/apache2/php.ini with new version
Module mmap.event disabled.
Enabling module mmap.event.
apache2 switched from Swoole to prefork
php8.3_invoke() module module php8.3
Setting up php8.3 (8.3.6-0maysync1) ...
Setting up libapache2-mod-php (2:8.3+93ubuntu2) ...
Setting up php (2:8.3+93ubuntu2) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for php8.3-cli (8.3.6-0maysync1) ...
Processing triggers for libapache2-mod-php8.3 (8.3.6-0maysync1) ...
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-172-31-26-112:~$ sudo apt install mysql-server
```

```
i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112

aws Services Search [Alt+S] Stockholm Apurva
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-172-31-26-112:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libfcgi-perl libfcgi-bin libfcgi-perl libfcgi0t64 libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl libiwp-mediatypes-perl libmecab2 libprotobuf-lite32t64
  libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0
  mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libio-compress-brotli-perl libbusiness-lisp-perl libregexp-ipv6-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libfcgi-perl libfcgi-bin libfcgi-perl libfcgi0t64 libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl libiwp-mediatypes-perl libmecab2 libprotobuf-lite32t64
  libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server mysql-server-8.0
  mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 0 not upgraded.
Need to get 29.5 MB of archives.
After this operation, 242 MB of additional disk space will be used.
Do you want to continue? [Y/n] y

i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
one!
update-alternatives: using /var/lib/mecab/dic/ipadic-utf8 to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode
setting up libhtml-parser-perl:amd64 (3.81-1build3) ...
setting up libhttp-message-perl (6.45-lubuntu1) ...
setting up mysql-server (8.0.36-2ubuntu3) ...
setting up libcgi-pm-perl (4.63-1) ...
setting up libhtml-template-perl (2.97-2) ...
setting up libcgi-fast-perl (112.17-1) ...
processing triggers for man-db (2.12.0-4build2) ...
processing triggers for libc-bin (2.39-0ubuntu8) ...
canning processes...
canning 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-172-31-26-112:~$ sudo mysql -u root
```

```
i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
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-172-31-26-112:~$ sudo mysql -u root
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)

copyright (c) 2000, 2024, Oracle and/or its affiliates.

oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password by 'Testpassword@123';
```

```
i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
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-172-31-26-112:~$ sudo mysql -u root
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)

copyright (c) 2000, 2024, Oracle and/or its affiliates.

oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password by 'Apul234';
```

```
i-0ffd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
aws | Services | Search [Alt+S] Stockholm ▾ Apurva ▾
your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)
Copyright (c) 2000, Oracle and/or its affiliates.

oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password by 'Apu1234';
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE USER 'Apu_user'@localhost IDENTIFIED BY 'Apu1234';
Query OK, 0 rows affected (0.03 sec)

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

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@localhost;
ERROR 1410 (42000): You are not allowed to create a user with GRANT
mysql> GRANT ALL PRIVILEGES ON Apu_db.* TO 'Apu_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws | Services | Search [Alt+S] Stockholm ▾ Apurva ▾
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by 'Apu1234';
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE USER 'Apu_user'@localhost IDENTIFIED BY 'Apu1234';
Query OK, 0 rows affected (0.03 sec)

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

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@localhost;
ERROR 1410 (42000): You are not allowed to create a user with GRANT
mysql> GRANT ALL PRIVILEGES ON Apu_db.* TO 'Apu_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

mysql> cd /tmp
-> wget https://wordpress.org/latest.tar.gz
-> ;
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 'cd /tmp
wget https://wordpress.org/latest.tar.gz' at line 1
mysql> exit
Bye
ubuntu@ip-172-31-26-112:~$ cd /tmp
ubuntu@ip-172-31-26-112:/tmp$ wget https://wordpress.org/latest.tar.gz

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws | Services | Search [Alt+S] Stockholm ▾ Apurva ▾
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-172-31-26-112:/tmp$ sudo mv wordpress/ /var/www/html

i-0ffd42a674061e8aa (My wordpress 2)
Public IPs: 13.48.144.159 Private IPs: 172.31.26.112
```

```
aws Services Search [Alt+S]
ERROR 1410 (42000): You are not allowed to create a user with GRANT
mysql> GRANT ALL PRIVILEGES ON Apu_db.* TO 'Apu_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

mysql> cd /tmp
-> wget https://wordpress.org/latest.tar.gz
-> ;
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 'cd /tmp
wget https://wordpress.org/latest.tar.gz' at line 1
mysql> exit
Bye
ubuntu@ip-172-31-26-112:~$ cd /tmp
ubuntu@ip-172-31-26-112:/tmp$ wget https://wordpress.org/latest.tar.gz
--2024-06-08 10:50:23-- 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: 24696852 (24M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz          100%[=====] 23.55M 9.63MB/s   in 2.4s

2024-06-08 10:50:26 (9.63 MB/s) - 'latest.tar.gz' saved [24696852/24696852]

ubuntu@ip-172-31-26-112:/tmp$ [REDACTED]
i-Offd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```

```
aws Services Search [Alt+S]
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-172-31-26-112:/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-26-112:/tmp$ cd /var/www/html/
ubuntu@ip-172-31-26-112:/var/www/html$ cd wordpress [REDACTED]
i-Offd42a674061e8aa (My wordpress 2)
PublicIPs: 13.48.144.159 PrivateIPs: 172.31.26.112
```



Apache2 Default Page

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
```

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!](#)

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. [Show](#)

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](#)

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](#)

```
aws Services Search [Alt+S] Stockholm Apurva
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/pro

System information as of Sat Jun 8 11:08:14 UTC 2024

System load: 0.09 Temperature: -273.1 C
Usage of /: 32.7% of 6.71GB Processes: 121
Memory usage: 64% Users logged in: 1
Swap usage: 0% IPv4 address for ens5: 172.31.26.112

* Ubuntu Pro delivers the most comprehensive open source security and
  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

Last login: Sat Jun 8 10:27:05 2024 from 13.48.4.203
ubuntu@ip-172-31-26-112:~$ cd /var/www/html/
ubuntu@ip-172-31-26-112:/var/www/html$ cd wordpress
ubuntu@ip-172-31-26-112:/var/www/html/wordpress$ cd wp-config.php

i-0ffd42a674061e8aa (My wordpress 2)
PublicIP: 13.48.144.159 PrivateIP: 172.31.26.112
```

```
aws Services Search [Alt+S] wp-config.php * Stockholm Apurva
GNU nano 7.2 wp-config.php *
* It is strongly recommended that plugin and theme developers use WP_DEBUG
* in their development environments.
*
* For information on other constants that can be used for debugging,
* visit the documentation.
*
* @link https://wordpress.org/documentation/article/debugging-in-wordpress/
*/
define( 'WP_DEBUG', false );

/* 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';
```

```
aws Services Search [Alt+S] Stockholm Apurva
System information as of Sat Jun 8 11:08:14 UTC 2024

System load: 0.09 Temperature: -273.1 C
Usage of /: 32.7% of 6.71GB Processes: 121
Memory usage: 64% Users logged in: 1
Swap usage: 0% IPv4 address for ens5: 172.31.26.112

* Ubuntu Pro delivers the most comprehensive open source security and
  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

Last login: Sat Jun 8 10:27:05 2024 from 13.48.4.203
ubuntu@ip-172-31-26-112:~$ cd /var/www/html/
ubuntu@ip-172-31-26-112:/var/www/html$ cd wordpress
ubuntu@ip-172-31-26-112:/var/www/html/wordpress$ cd wp-config.php
-bash: cd: wp-config.php: No such file or directory
ubuntu@ip-172-31-26-112:/var/www/html/wordpress$ ls
index.php wp-activate.php wp-comments-post.php wp-cron.php wp-load.php wp-settings.php xmlrpc.php
license.txt wp-admin wp-config-sample.php wp-includes wp-login.php wp-signup.php
readme.html wp-blog-header.php wp-content wp-links-opml.php wp-mail.php wp-trackback.php
ubuntu@ip-172-31-26-112:/var/www/html/wordpress$ nano wp-config.php
ubuntu@ip-172-31-26-112:/var/www/html/wordpress$
```

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 My Sample Wordpress2

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

Password Show Strong

Your Email apurva.h1708@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.

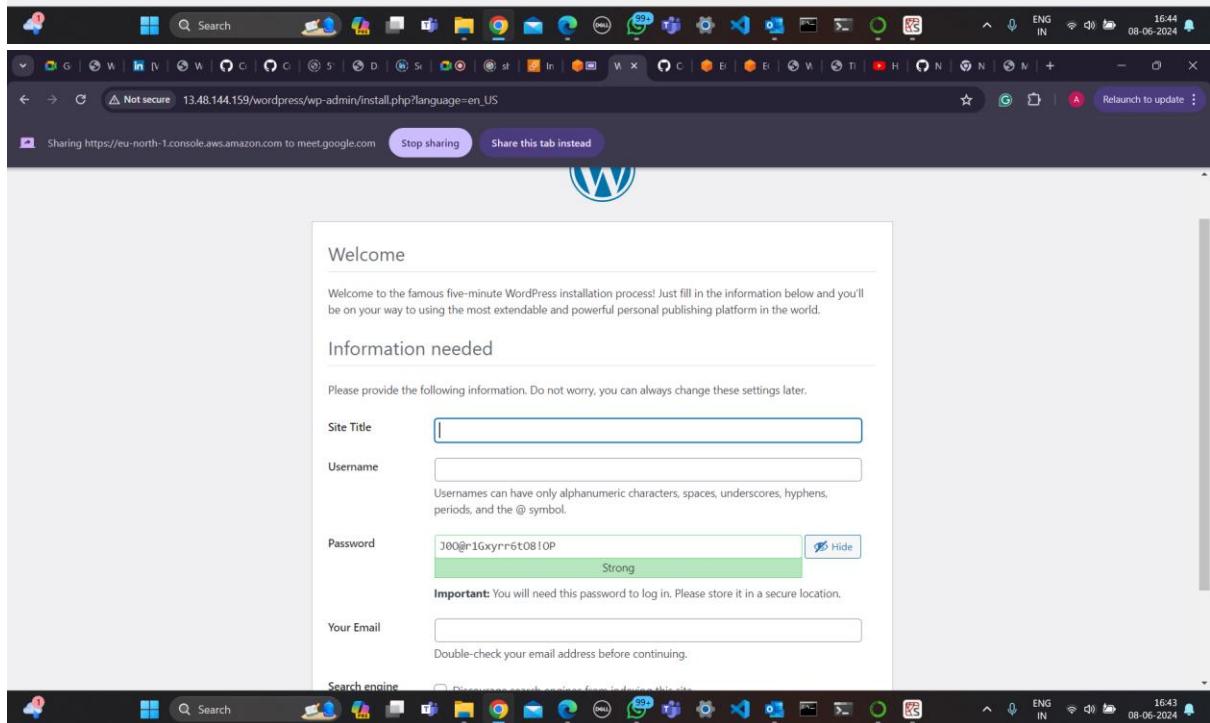
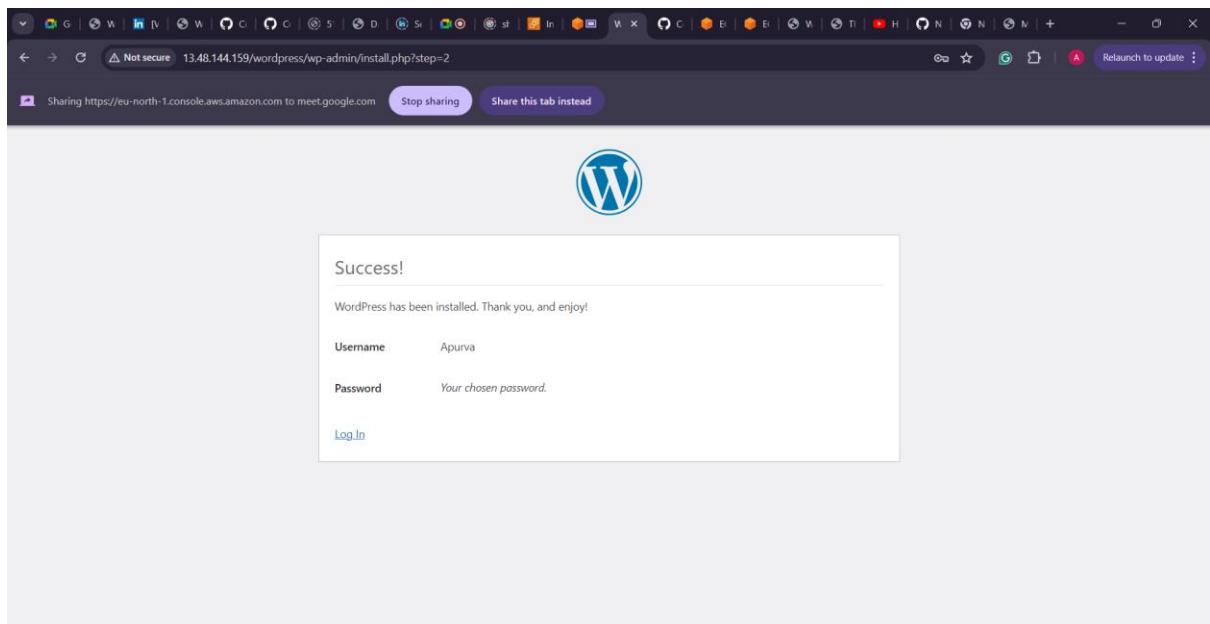
[Install WordPress](#)

Not secure 13.48.144.159/wordpress/wp-admin/install.php?step=2



Success!
WordPress has been installed. Thank you, and enjoy!

Username Apurva
Password Your chosen password.
[Log In](#)



A screenshot of a terminal window titled "Services". The window shows a progress bar at the top indicating "100%". Below the progress bar, there is a large amount of text output from a system update command. The text includes messages about updating alternatives, setting up various packages like libhtml-parser-perl, mysql-server, libcgi-perl, libhtml-template-perl, libcgi-fast-perl, and processing triggers for man-db and libc-bin. It also mentions scanning processes and linux images. At the bottom of the terminal, there is a message about VM guests running outdated hypervisor binaries. The terminal window has a dark background with white text and a light gray scroll bar.

```
emitting matrix : 100% [#####]  
done!  
update-alternatives: using /var/lib/mecab/dic/ipadic-utf8 to provide /var/lib/mecab/dic.debian (mecab-dictionary) in auto mode  
setting up libhtml-parser-perl:amd64 (3.81-1build3) ...  
setting up libhttp-message-perl (6.45-1ubuntu1) ...  
setting up mysql-server (8.0.36-2ubuntu3) ...  
setting up libcgi-perl (4.63-1) ...  
setting up libhtml-template-perl (2.97-2) ...  
setting up libcgi-fast-perl (1:2.17-1) ...  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for libc-bin (2.39-0ubuntu8) ...  
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.  
[root@ip-172-31-26-112 ~]# sudo mysql -u root
```

For Microservices:

Launch an instance

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags

Name: MYSQL3

Application and OS Images (Amazon Machine Image)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Quick Start

Summary

Number of instances: 2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI): Canonical, Ubuntu, 24.04 LTS, ...read more
ami-0705384c0b33c194c

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

Launch instance

Quick Start

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type
ami-0705384c0b33c194c (64-bit (x86)) / ami-0ac08e87e03533a1d (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description
Canonical, Ubuntu, 24.04 LTS, amd64 noble image build on 2024-04-23

Architecture: 64-bit (x86)
AMI ID: ami-0705384c0b33c194c
Verified provider

Summary

Number of instances: 2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI): Canonical, Ubuntu, 24.04 LTS, ...read more
ami-0705384c0b33c194c

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

Key pair (login)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - required: MYSQL

Network settings

Network: vpc-00c79f69719fec3d
Subnet: No preference (Default subnet in any availability zone)
Auto-assign public IP: Enabled
Additional charges apply when outside of free tier allowance
Firewall (security groups): 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.

Summary

Number of instances: 2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI): Canonical, Ubuntu, 24.04 LTS, ...read more
ami-0705384c0b33c194c

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

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-7' with the following rules:

- Allow SSH traffic from Anywhere
- Allow HTTPS traffic from the internet
- Allow HTTP traffic from the internet

Configure storage Info

Advanced

1x 8 GiB gp3 Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Summary

Number of instances Info
2

When launching more than 1 instance, consider EC2 Auto Scaling

Software Image (AMI)
Canonical, Ubuntu, 24.04 LTS, ... read more
ami-0705394c0b53c194c

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

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

Cancel **Launch instance** Review commands

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Elastic IP address allocated successfully.
Elastic IP address 13.51.8.95

Elastic IP addresses (1/1)

Find resources by attribute or tag
Public IPv4 address : 13.51.8.95 Clear filters

Name	Allocated IPv4 addr...	Type	Allocation ID
-	13.51.8.95	Public IP	eipalloc-03ee

View IP address usage and recommendations to release unused IPs with Public IP insights

Actions **Associate Elastic IP address**

- View details
- Release Elastic IP addresses
- Associate Elastic IP address** 1 >
- Disassociate Elastic IP address
- Update reverse DNS
- Enable transfers
- Disable transfers
- Accept transfers

Summary

Instances (2) Info

Find instance by attribute or tag (case-sensitive)
Instance state = running Clear filters

Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs	Monitoring
2/2 checks passed	View alarms +	eu-north-1a	ec2-13-51-8-95.eu.nort...	13.51.8.95	13.51.8.95	-	disabled
2/2 checks passed	View alarms +	eu-north-1a	ec2-16-16-237-253.eu...	16.16.237.253	16.16.237.253	-	disabled

Select an instance

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

```
aws Services Search [Alt+S] Stockholm Apurva
Usage of /: 23.2% of 6.71GB Processes: 113
Memory usage: 21% Users logged in: 0
Swap usage: 0% IPv4 address for ens5: 172.31.29.137
expanded Security Maintenance for Applications is not enabled.
↳ 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.
↳ 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-172-31-29-137:~$ sudo -i
root@ip-172-31-29-137:~# sudo apt install mysql-server
```

i-063ec3b794b7414c9 (MySQL3)

PublicIPs: 13.51.8.95 PrivateIPs: 172.31.29.137

```
CloudShell Feedback AWS Services Search [Alt+S] © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences Stockholm Apurva
reading /usr/share/mecab/dic/ipadic/Adj.csv ... 27210
emitting double-array: 100% |#####
reading /usr/share/mecab/dic/ipadic/matrix.def ... 1316x1316
emitting matrix : 100% |#####
done!
update-alternatives: using /var/lib/mecab/dic/ipadic-utf8 to provide /var/lib/mecab/dic.debian (mecab-dictionary) in auto mode
Setting up libhtml-parser-perl:amd64 (3.81-1build3) ...
Setting up libhttp-message-perl (6.0.36-1ubuntu1) ...
Setting up mysql-server (8.0.36-2ubuntu3) ...
Setting up libcgi-pm-perl (4.63-1)
Setting up libhtml-template-perl (2.97-2) ...
Setting up libcgi-fast-perl (1:2.17-1) ...
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8) ...
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.
root@ip-172-31-29-137:~# sudo mysql -u root.
```

i-063ec3b794b7414c9 (MySQL3)

PublicIPs: 13.51.8.95 PrivateIPs: 172.31.29.137

```
AWS Services Search [Alt+S] Stockholm Apurva
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8) ...
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.
root@ip-172-31-29-137:~# sudo mysql -u root
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-2ubuntu3 (Ubuntu)

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password BY 'apuri1724';
```

i-063ec3b794b7414c9 (MySQL3)

PublicIPs: 13.51.8.95 PrivateIPs: 172.31.29.137

```
aws Services Search [Alt+S] Stockholm Apurva
Server version: 8.0.36-2ubuntu3 (Ubuntu)
Copyright (c) 2000, 2024, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
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 WITH mysql_native_password by 'apul1724';
Query OK, 0 rows affected (0.01 sec)

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

mysql> CREATE USER 'apu_user'@'%' IDENTIFIED BY 'apul1724';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON apu_db.* TO 'apu_user'@'%';
Query OK, 0 rows affected (0.00 sec)

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

mysql> exit
Bye
root@ip-172-31-29-137:~#
```

i-063ec3b794b7414c9 (MySQL3)

PublicIPs: 13.51.8.95 PrivateIPs: 172.31.29.137

```
aws Services Search [Alt+S] /etc/mysql/mysql.conf.d/mysqld.cnf Stockholm Apurva
SS GNU nano 7.2
The MySQL database server configuration file.

One can use all long options that the program supports.
Run program with --help to get a list of available options and with
--print-defaults to see which it would actually understand and use.

For explanations see
http://dev.mysql.com/doc/mysql/en/server-system-variables.html

Here are entries for some specific programs
the following values assume you have at least 32M ram

[mysqld]
* Basic Settings

user          = mysql
pid-file     = /var/run/mysqld/mysqld.pid
socket        = /var/run/mysqld/mysqld.sock
port          = 3306
datadir       = /var/lib/mysql

Help   Write Out  Where Is  Cut  Execute  Location  Undo  Set Mark  To Bracket  Previous
Exit   Read File  Replace  Paste  Justify  Go To Line  Redo  Copy  Where Was  Next
```

i-063ec3b794b7414c9 (MySQL3)

PublicIPs: 13.51.8.95 PrivateIPs: 172.31.29.137

```
aws Services Search [Alt+S] Stockholm Apurva
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 WITH mysql_native_password by 'apul1724';
Query OK, 0 rows affected (0.01 sec)

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

mysql> CREATE USER 'apu_user'@'%' IDENTIFIED BY 'apul1724';
Query OK, 0 rows affected (0.02 sec)

mysql> GRANT ALL PRIVILEGES ON apu_db.* TO 'apu_user'@'%';
Query OK, 0 rows affected (0.00 sec)

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

mysql> exit
Bye
root@ip-172-31-29-137:~# sudo nano /etc/mysql/mysql.conf.d/mysqld.cnf
root@ip-172-31-29-137:~# systemctl restart mysql
root@ip-172-31-29-137:~#
```

i-063ec3b794b7414c9 (MySQL3)

PublicIPs: 13.51.8.95 PrivateIPs: 172.31.29.137

Screenshot of the AWS EC2 Security Groups interface showing the details of a security group named "sg-of81095532348b940 - launch-wizard-7".

Details:

Security group name: launch-wizard-7	Security group ID: sg-Of81095532348b940	Description: launch-wizard-7 created 2024-06-08T14:43:04.723Z	VPC ID: vpc-00c79f69719feec3d
Owner: 654654491657	Inbound rules count: 3 Permission entries	Outbound rules count: 1 Permission entry	

Inbound rules (3):

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-0121a5a189224953f	SSH	TCP	22	Custom	0.0.0.0/0
sgr-0d490a5875ad01900	HTTP	TCP	80	Custom	0.0.0.0/0
sgr-01de6e8bf42478aca	HTTPS	TCP	443	Custom	0.0.0.0/0
-	All traffic	All	All	Anyw...	0.0.0.0/0

Add rule

CloudShell Feedback:

```

aws | Services | Search | [Alt+S] | Stockholm | Apurva | © 2024, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences

Inbound rules info

Security group rule ID Type Info Protocol Info Port range Source Info Description - optional Info
sgr-0121a5a189224953f SSH TCP 22 Custom 0.0.0.0/0 Delete
sgr-0d490a5875ad01900 HTTP TCP 80 Custom 0.0.0.0/0 Delete
sgr-01de6e8bf42478aca HTTPS TCP 443 Custom 0.0.0.0/0 Delete
- All traffic All All Anyw... 0.0.0.0/0 Delete

Add rule

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-172-31-28-185:~$ sudo -i
root@ip-172-31-28-185:~# sudo apt update -y
i-095bc380a8b8cac8 (WORDPRESS3)
PublicIPs: 16.16.237.253 PrivateIPs: 172.31.28.185

```

```

aws | Services | Search [Alt+S] Stockholm Apurva
set:32 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/universe amd64 Packages [59,4 kB]
set:33 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/universe Translation-en [22,4 kB]
set:34 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/universe amd64 Components [45,0 kB]
set:35 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/universe amd64 c-n-f Metadata [112 B]
set:36 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/restricted amd64 Packages [51,2 kB]
set:37 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/restricted Translation-en [10,8 kB]
set:38 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/restricted amd64 Components [212 B]
set:39 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/multiverse amd64 Components [212 B]
set:40 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-updates/multiverse amd64 c-n-f Metadata [116 B]
set:41 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/main amd64 Components [208 B]
set:42 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/main amd64 c-n-f Metadata [112 B]
set:43 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/universe amd64 Packages [6840 B]
set:44 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/universe Translation-en [9652 B]
set:45 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/universe amd64 Components [17,6 kB]
set:46 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/universe amd64 c-n-f Metadata [116 B]
set:47 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/restricted amd64 Components [216 B]
set:48 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/restricted amd64 c-n-f Metadata [116 B]
set:49 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/multiverse amd64 Components [212 B]
set:50 http://eu-north-1.ec2.archive.ubuntu.com/ubuntu/noble-backports/multiverse amd64 c-n-f Metadata [116 B]
etched 29.0 MB in 5s (5509 kB/s)
reading package lists... Done
building dependency tree... Done
reading state information... Done
5 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-172-31-28-185:~# sudo apt install apache2

i-095bc380a8b8ccac8 (WORDPRESS3)
PublicIPs: 16.16.237.253 PrivateIPs: 172.31.28.185

aws | Services | Search [Alt+S] Stockholm Apurva
enabling module regtimeout.
enabling conf charset.
enabling conf localized-error-pages.
enabling conf other-hosts-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 → /usr/lib/systemd/system/apache2.service.
created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /usr/lib/systemd/system/apache-htcacheclean.service.
processing triggers for ufw (0.36.2-6) ...
processing triggers for man-db (2.12.0-4build2) ...
processing triggers for libc-bin (2.39-0ubuntu8) ...
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.
root@ip-172-31-28-185:~# sudo apt install php libapache2-mod-php php-mysql
i-095bc380a8b8ccac8 (WORDPRESS3)
PublicIPs: 16.16.237.253 PrivateIPs: 172.31.28.185

aws | Services | Search [Alt+S] Stockholm Apurva
enabling conf serve-cgi-bin.
enabling site 000-default.
created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /usr/lib/systemd/system/apache2.service.
created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /usr/lib/systemd/system/apache-htcacheclean.service.
processing triggers for ufw (0.36.2-6) ...
processing triggers for man-db (2.12.0-4build2) ...
processing triggers for libc-bin (2.39-0ubuntu8) ...
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.
root@ip-172-31-28-185:~# sudo apt install php libapache2-mod-php php-mysql
reading package lists... Done
building dependency tree... Done
reading state information... Done
: Unable to locate package php-mysql
root@ip-172-31-28-185:~# wget https://wordpress.org/latest.tar.gz
i-095bc380a8b8ccac8 (WORDPRESS3)
PublicIPs: 16.16.237.253 PrivateIPs: 172.31.28.185

aws | Services | Search [Alt+S] Stockholm Apurva
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.
root@ip-172-31-28-185:~# sudo apt install php libapache2-mod-php php-mysql
reading package lists... Done
building dependency tree... Done
reading state information... Done
: Unable to locate package php-mysql
root@ip-172-31-28-185:~# wget https://wordpress.org/latest.tar.gz
2024-06-08 17:15:03 (6.88 MB/s) - 'latest.tar.gz' saved [24696852/24696852]
root@ip-172-31-28-185:~# tar -xvf latest.tar.gz
i-095bc380a8b8ccac8 (WORDPRESS3)
PublicIPs: 16.16.237.253 PrivateIPs: 172.31.28.185

```

```
aws Services Search [Alt+S] Stockholm Apurva
root@ip-172-31-28-185:~# sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... done
E: Unable to locate package php-mysqls
root@ip-172-31-28-185:~# wget https://wordpress.org/latest.tar.gz
--2024-06-08 17:14:59-- 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: 24696852 (24M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz          100%[=====] 23.55M  6.88MB/s   in 3.4s

2024-06-08 17:15:03 (6.88 MB/s) - 'latest.tar.gz' saved [24696852/24696852]

root@ip-172-31-28-185:~# tar -xvf latest.tar.gz
tar: latest.tar.gz: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
root@ip-172-31-28-185:~# sudo mv wordpress/ /var/www/html
mv: cannot stat 'wordpress/': No such file or directory
root@ip-172-31-28-185:~# ls
latest.tar.gz  snap
root@ip-172-31-28-185:~# cd /var/www/html
```

i-095bc380a8b8ccac8 (WORDPRESS3)

Public IPs: 16.16.237.253 Private IPs: 172.31.28.185

```
aws Services Search [Alt+S] Stockholm Apurva
wordpress/wp-admin/j/s/color-picker.min.js
wordpress/wp-admin/j/s/site-icon.min.js
wordpress/wp-admin/j/s/auth-app.js
wordpress/wp-admin/j/s/code-editor.js
wordpress/wp-admin/j/s/common.js
wordpress/wp-admin/j/s/set-post-thumbnail.min.js
wordpress/wp-admin/j/s/postbox.min.js
wordpress/wp-admin/j/s/color-picker.js
wordpress/wp-admin/j/s/password-strength-meter.js
wordpress/wp-admin/j/s/customize-nav-menus.js
wordpress/wp-admin/j/s/editor-expand.js
wordpress/wp-admin/j/s/code-editor.min.js
wordpress/wp-admin/j/s/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
root@ip-172-31-28-185:~# sudo mv wordpress/ /var/www/html
root@ip-172-31-28-185:~#
```

i-095bc380a8b8ccac8 (WORDPRESS3)

Public IPs: 16.16.237.253 Private IPs: 172.31.28.185



Success!

WordPress has been installed. Thank you, and enjoy!

Username Apurva_Hanumanthu

Password Your chosen password.

[Log In](#)

Howdy, Apurva_Hanumanthu

Dashboard

Welcome to WordPress!

[Learn more about the 6.5.4 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

Quick Draft



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!](#)



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

Database Name

apu_db

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

Username

apu_user

Your database username.

Password

apu1724

Hide

Your database password.

Database Host

13.51.8.95

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

Table Prefix

wp_

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

[Submit](#)

Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title Techmplement

Username Apurva_Hanumanthu

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

Password  

Strong

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

Your Email apurva.h1708@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](#)