

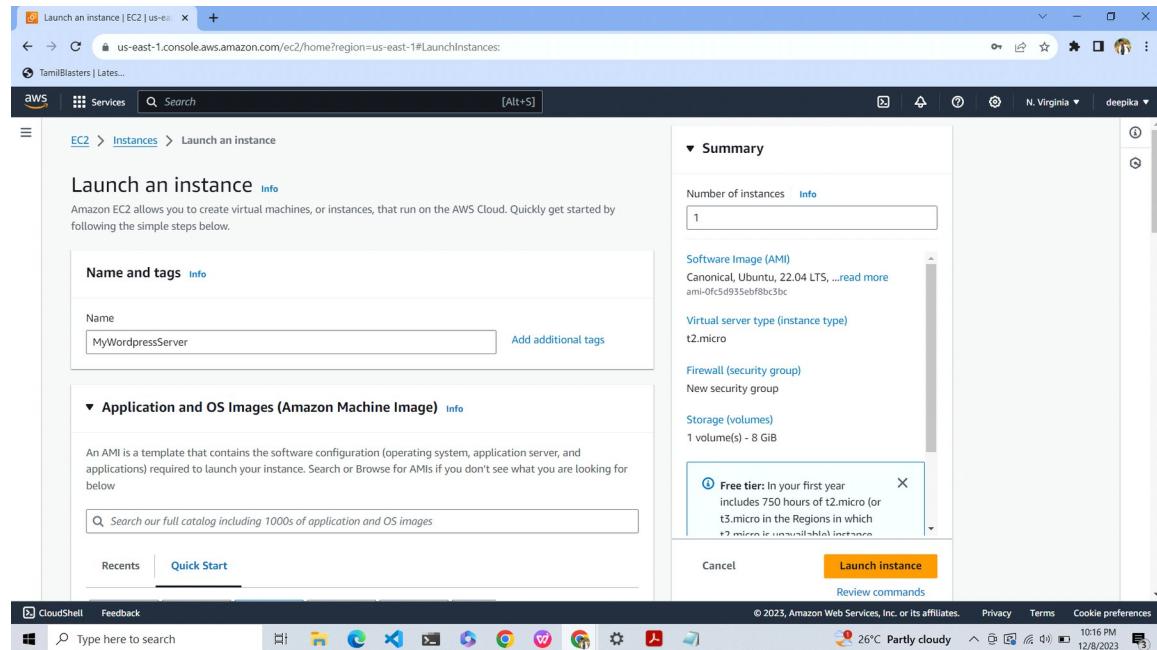
Infotrix-Cloud AWS Intern

Name: MUKILAN B

GitHub: <https://github.com/Mukil10>

TASK-1:MONOLITHIC:-

1EC2 instance,deploying Wordpress and MySQL on same instance



Launch an instance | EC2 | us-east-1 | us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

TamilBlasters | Lates...

aws Services Search [Alt+S] 64-bit (x86) ami-0fc5d935ebf8bc3bc

Instance type Info | Get advice

instance type **t2.micro** 1 vCPU 1 GiB Memory Current generation: true On-Demand Windows base pricing: 0.0116 USD per Hour On-Demand SUSE base pricing: 0.0116 USD per Hour On-Demand RHEL base pricing: 0.0116 USD per Hour On-Demand Linux base pricing: 0.0116 USD per Hour

Additional costs apply for AMIs with pre-installed software

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 **wordpressserver** Create new key pair

Summary

Number of instances **1**

Software Image (AMI) Canonical, Ubuntu, 22.04 LTS, ... read more ami-0fc5d935ebf8bc3bc

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 unsupported instances

Cancel **Launch instance** Review commands

CloudShell Feedback Type here to search 10:17 PM 12/8/2023

Launch an instance | EC2 | us-east-1 | us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:

TamilBlasters | Lates...

aws Services Search [Alt+S]

No preference (Default subnet in any availability zone)

Auto-assign public IP Info

Enable

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-5' with the following rules:

Allow SSH traffic from Helps you connect to your instance Anywhere 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.

Configure storage Info

Advanced

1x **8** GiB **gp2** Root volume (Not encrypted)

Summary

Number of instances **1**

Software Image (AMI) Canonical, Ubuntu, 22.04 LTS, ... read more ami-0fc5d935ebf8bc3bc

Virtual server type (instance type) **t2.micro**

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Cancel **Launch instance** Review commands

CloudShell Feedback Type here to search 10:17 PM 12/8/2023

Instances | EC2 | us-east-1

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instancesv=3;\$case=tagstrue%5Cclient:false\$regex=tags:false%5Cclient:false

TamilBlasters | Lates...

AWS Services Search [Alt+S]

Instances (1) Info

Find Instance by attribute or tag (case-sensitive)

Instance ID: i-0ff17be51dd875e92

Instance state: Running

Instance type: t2.micro

Status check: -

Alarm status: No alarms

Availability Zone: us-east-1c

Public IP: ec2-18-

Launch instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

CloudShell Feedback

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Type here to search

Instance details | EC2 | us-east-1

EC2 Instance Connect | us-east-

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu®ion=us-east-1&sshPort=22#

TamilBlasters | Lates...

AWS Services Search [Alt+S]

Memory usage: 21% IPv4 address for eth0: 172.31.24.18

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-172-31-24-18:~\$

i-0ff17be51dd875e92 (MyWordpressServer)

PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18

CloudShell Feedback

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CloudShell Feedback

Type here to search

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aws Services Search [Alt+S] Instance details | EC2 | us-east-1 EC2 Instance Connect | us-east-1 + http://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22#/      TamilBlasters | Lates... N. Virginia deepika   
 ubuntu@ip-172-31-24-18:~$ sudo apt update  
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease  
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]  
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]  
Get:4 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]  
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]  
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]  
Get:7 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1016 kB]  
Get:8 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [195 kB]  
Get:9 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [11.4 kB]  
Get:10 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1179 kB]  
Get:11 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [191 kB]  
Get:12 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 c-n-f Metadata [520 kB]  
Get:13 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [815 kB]  
Get:14 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [152 kB]  
Get:15 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]  
Get:16 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [36.5 kB]  
Get:17 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7060 kB]  
Get:18 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 kB]  
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]  
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]  
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]  
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 kB]  
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1244 kB]  
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [257 kB]  
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [16.1 kB]
```

i-0ff17be51dd875e92 (MyWordpressServer)

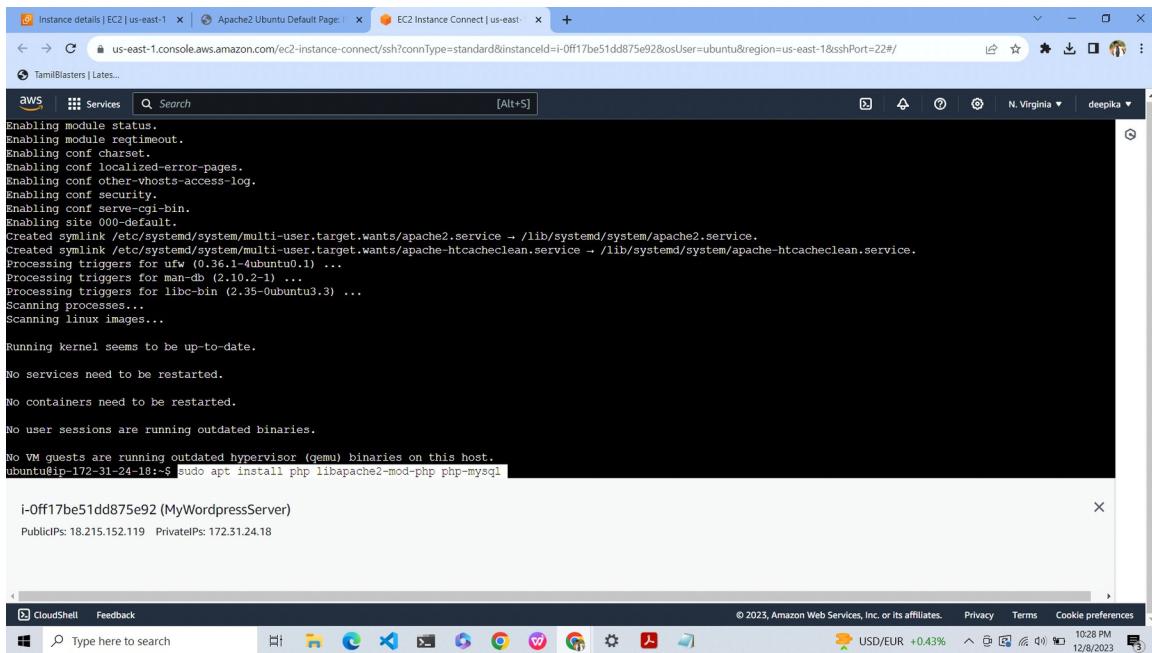
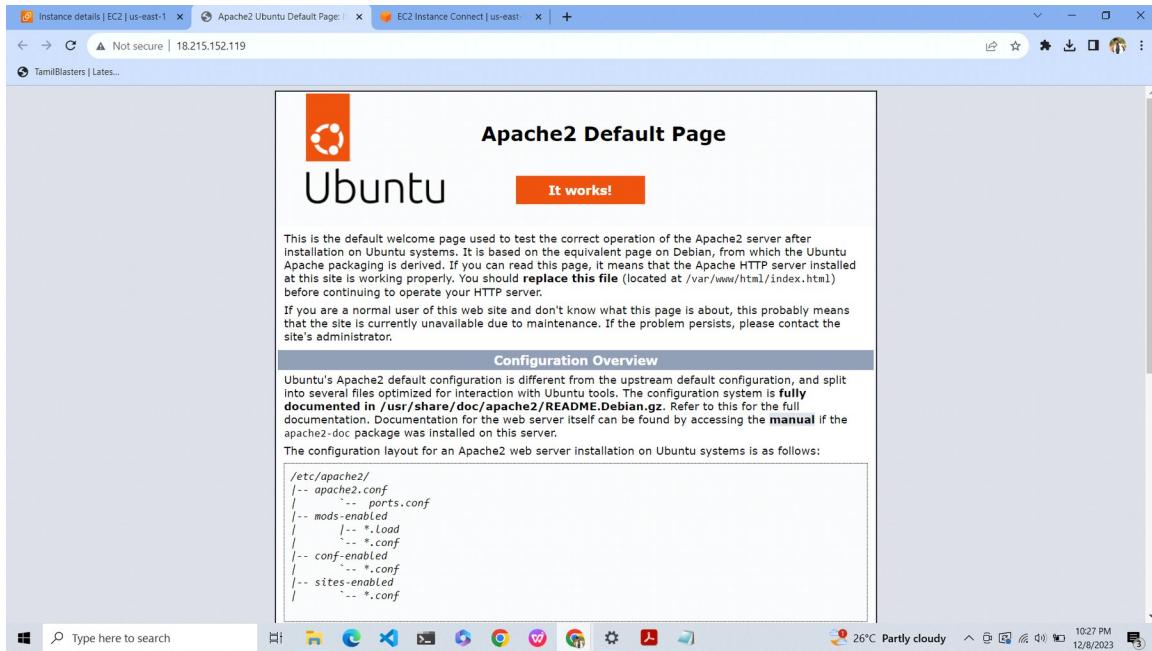
Public IPs: 18.215.152.119 Private IPs: 172.31.24.18

```
CloudShell Feedback © 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences Type here to search 26°C Partly cloudy 10:26 PM 12/8/2023 Instance details | EC2 | us-east-1 EC2 Instance Connect | us-east-1 + http://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22#/      TamilBlasters | Lates... N. Virginia deepika   
 ubuntu@ip-172-31-24-18:~$ sudo apt update  
Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [10.5 kB]  
Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [398 B]  
Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]  
Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [27.8 kB]  
Get:40 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.5 kB]  
Get:41 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]  
Get:42 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]  
Fetched 29.7 MB in 5s (5528 kB/s)  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
74 packages can be upgraded. Run 'apt list --upgradable' to see them.  
ubuntu@ip-172-31-24-18:~$ 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 bzip2 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support ssl-cert  
Suggested packages:  
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc  
The following NEW packages will be installed:  
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support ssl-cert  
0 upgraded, 13 newly installed, 0 to remove and 74 not upgraded.  
Need to get 2139 kB of archives.  
After this operation, 8518 kB of additional disk space will be used.  
Do you want to continue? [Y/n] y
```

i-0ff17be51dd875e92 (MyWordpressServer)

Public IPs: 18.215.152.119 Private IPs: 172.31.24.18

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Instance details | EC2 | us-east-1 | Apache2 Ubuntu Default Page | EC2 Instance Connect | us-east-1 | + | us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22#/ | AWS Services Search [Alt+S] | TamiBlasters | Lates... | 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-172-31-24-18:~$ 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-php8.1 php-common php8.1-cli php8.1-common php8.1-mysql php8.1-opcache php8.1-readline | Suggested packages: | php-pear | The following NEW packages will be installed: | libapache2-mod-php libapache2-mod-php8.1 php php-common php-mysql php8.1 php8.1-common php8.1-mysql php8.1-opcache php8.1-readline | 0 upgraded, 11 newly installed, 0 to remove and 74 not upgraded. | Need to get 5265 kB of archives. | After this operation, 21.8 MB of additional disk space will be used. | Do you want to continue? [Y/n] y | i-0ff17be51dd875e92 (MyWordpressServer) | PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18 |
```

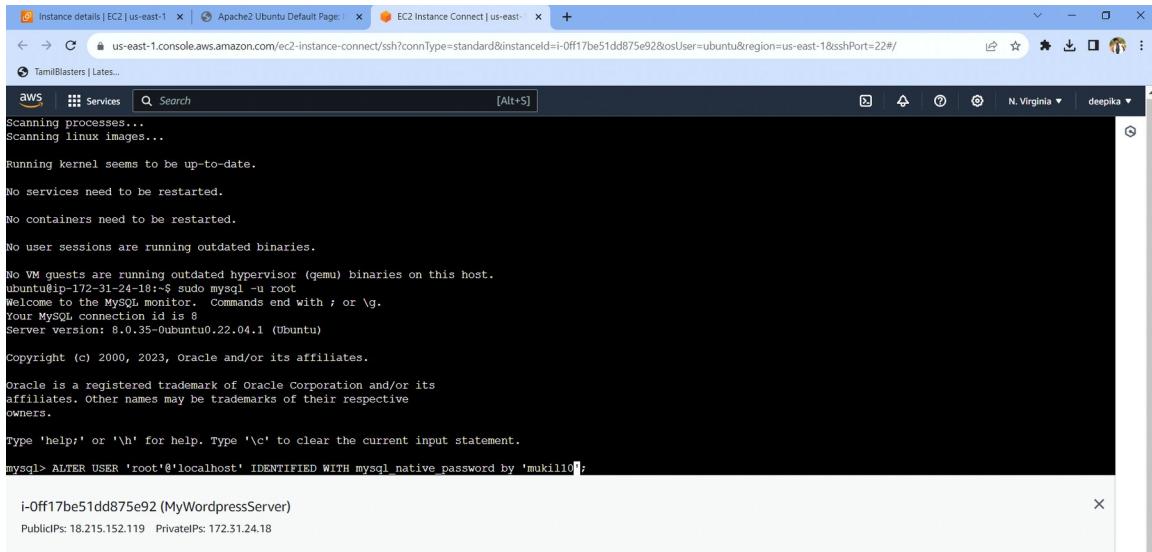
```
CloudShell Feedback | © 2023, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | Type here to search | 1028 PM | 12/8/2023 | Instance details | EC2 | us-east-1 | Apache2 Ubuntu Default Page | EC2 Instance Connect | us-east-1 | + | us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22#/ | AWS Services Search [Alt+S] | TamiBlasters | Lates... | Setting up libapache2-mod-php8.1 (0.1.2-lubuntu2.14) ... | 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-lubuntu2.14) ... | Setting up libapache2-mod-php (2:8.1.4+92ubuntu1) ... | Setting up php (2:8.1.4+92ubuntu1) ... | Processing triggers for man-db (2.10.2-1) ... | Processing triggers for php8.1-cli (8.1.2-lubuntu2.14) ... | Processing triggers for libapache2-mod-php8.1 (8.1.2-lubuntu2.14) ... | 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-172-31-24-18:~$ sudo apt install mysql-server | i-0ff17be51dd875e92 (MyWordpressServer) | PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18 |
```

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```
Instance details | EC2 | us-east-1 | Apache2 Ubuntu Default Page | EC2 Instance Connect | us-east-1 | + | us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22#/ | AWS | Services | Search | [Alt+S] | N. Virginia | deepika | TamiBlasters | Lates... | 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-172-31-24-18:~$ 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 libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmcab2 libprotobuf-lite23 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 libbusiness-isbn-perl libwww-perl mailx tinyca | The following NEW packages will be installed: | libfcgi-fast-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmcab2 libprotobuf-lite23 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 74 not upgraded. | Need to get 29.6 MB of archives. | After this operation, 243 MB of additional disk space will be used. | Do you want to continue? [Y/n] y | i-0ff17be51dd875e92 (MyWordpressServer) | Public IPs: 18.215.152.119 Private IPs: 172.31.24.18 |
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CloudShell | Feedback | © 2023, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | Type here to search | 10:29 PM | 12/8/2023 | Instance details | EC2 | us-east-1 | Apache2 Ubuntu Default Page | EC2 Instance Connect | us-east-1 | + | us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22#/ | AWS | Services | Search | [Alt+S] | N. Virginia | deepika | TamiBlasters | Lates... | Setting up libhttp-message-perl (6.36-1) ... | Setting up mysql-server-8.0 (8.0.35-0ubuntu0.22.04.1) ... | 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) | mysql will log errors to /var/log/mysql/error.log | mysql is running as pid 10786 | Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /lib/systemd/system/mysql.service. | Setting up libfcgi-pm-perl (4.54-1) ... | Setting up libhtml-template-perl (2.97-1.1) ... | Setting up mysql-server (8.0.35-0ubuntu0.22.04.1) ... | Setting up libfcgi-fast-perl (112.15-1) ... | Processing triggers for man-db (2.10.2-1) ... | Processing triggers for libc-bin (2.35-0ubuntu3.3) ... | 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-172-31-24-18:~$ sudo mysql -u root | i-0ff17be51dd875e92 (MyWordpressServer) | Public IPs: 18.215.152.119 Private IPs: 172.31.24.18 |
```

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CloudShell | Feedback | © 2023, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences | Type here to search | 10:30 PM | 12/8/2023 |
```



```
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-172-31-24-18:~$ sudo mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.35-0ubuntu0.22.04.1 (Ubuntu)

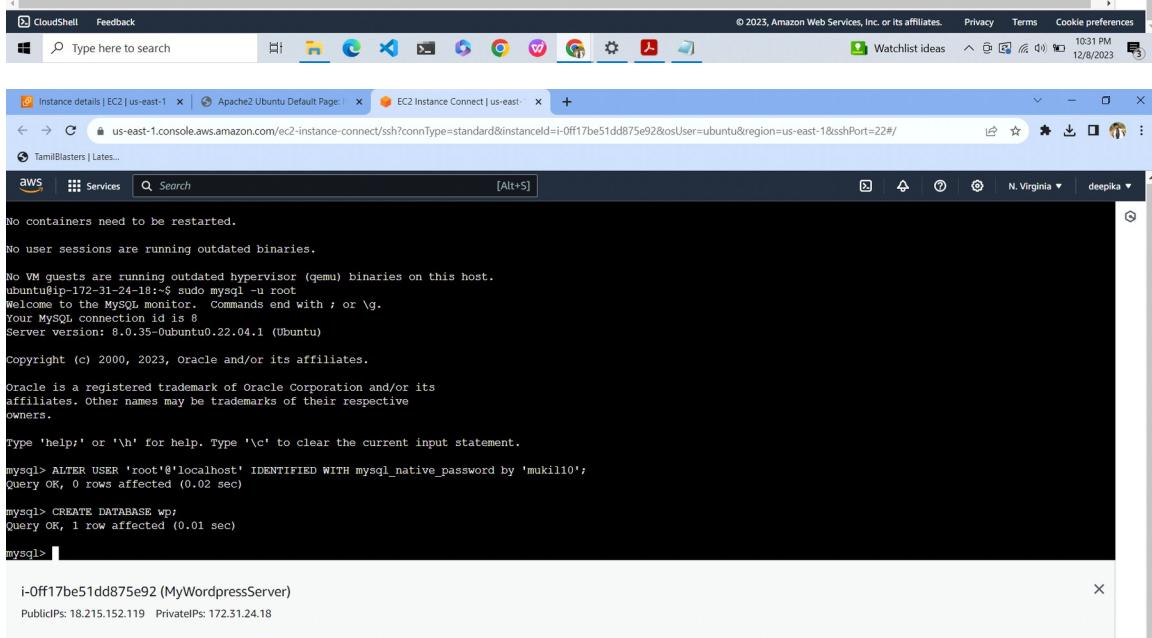
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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by 'mukil10';

i-Off17be51dd875e92 (MyWordpressServer)
PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18
```



```
No containers need to be restarted.

No user sessions are running outdated binaries.

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ubuntu@ip-172-31-24-18:~$ sudo mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.35-0ubuntu0.22.04.1 (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 WITH mysql_native_password by 'mukil10';
Query OK, 0 rows affected (0.02 sec)

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

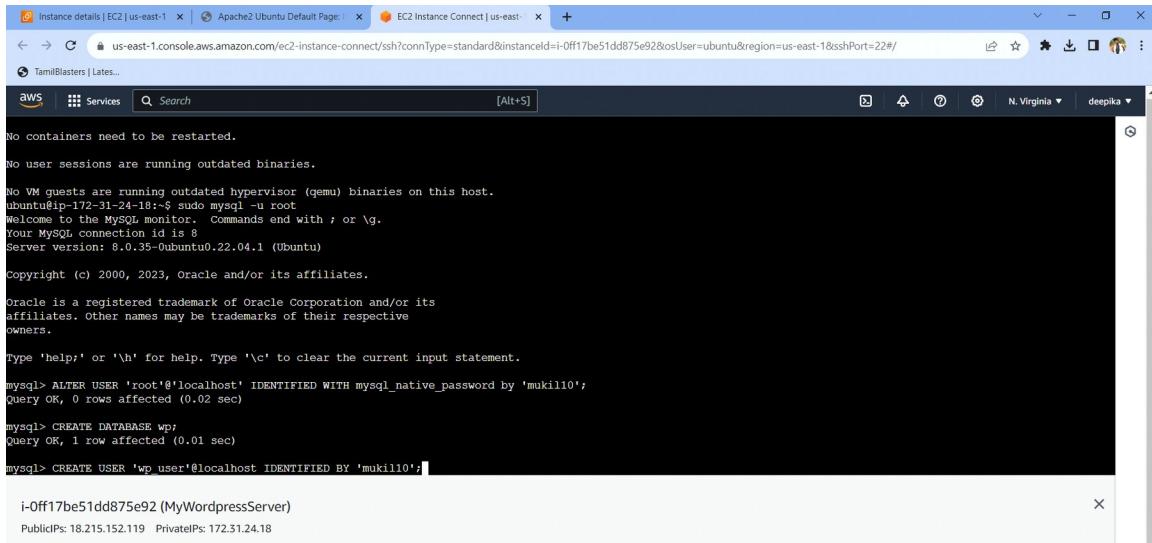
mysql> 
```



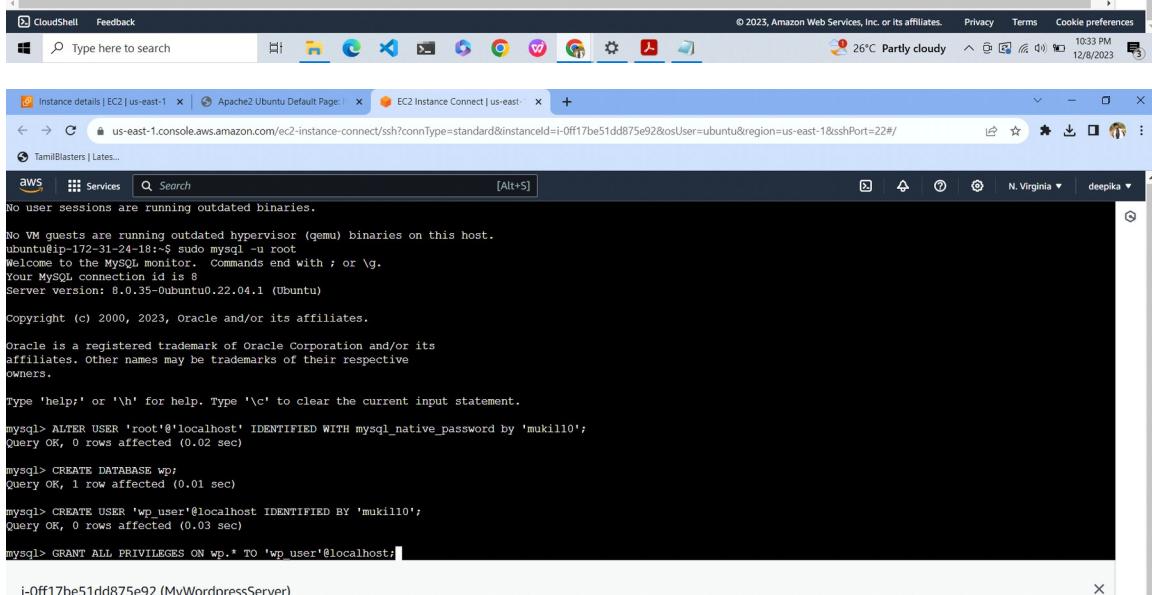
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```



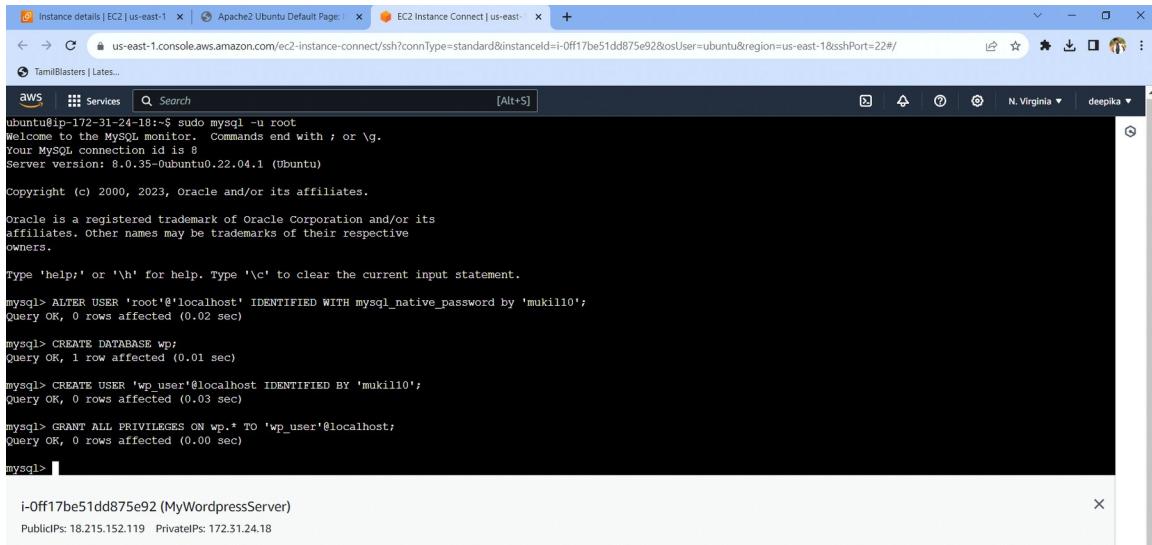
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ubuntu@ip-172-31-24-18:~$ sudo mysql -u root  
Welcome to the MySQL monitor. Commands end with ; or \g.  
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Server version: 8.0.35-0ubuntu0.22.04.1 (Ubuntu)  
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affiliates. 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 WITH mysql_native_password by 'mukill10';  
Query OK, 0 rows affected (0.02 sec)  
mysql> CREATE DATABASE wp;  
Query OK, 1 row affected (0.01 sec)  
mysql> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'mukill10';  
Query OK, 0 rows affected (0.02 sec)  
mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@'localhost';  
Query OK, 0 rows affected (0.01 sec)  
i-0ff17be51dd875e92 (MyWordpressServer)  
PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18
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No user sessions are running outdated binaries.  
No VM guests are running outdated hypervisor (qemu) binaries on this host.  
ubuntu@ip-172-31-24-18:~$ sudo mysql -u root  
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Server version: 8.0.35-0ubuntu0.22.04.1 (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 WITH mysql_native_password by 'mukill10';  
Query OK, 0 rows affected (0.02 sec)  
mysql> CREATE DATABASE wp;  
Query OK, 1 row affected (0.01 sec)  
mysql> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'mukill10';  
Query OK, 0 rows affected (0.02 sec)  
mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@'localhost';  
Query OK, 0 rows affected (0.01 sec)  
i-0ff17be51dd875e92 (MyWordpressServer)  
PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18
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ubuntu@ip-172-31-24-18:~$ sudo mysql -u root  
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Your MySQL connection id is 8  
Server version: 8.0.35-0ubuntu0.22.04.1 (Ubuntu)  
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Oracle is a registered trademark of Oracle Corporation and/or its  
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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 'mukill10';  
Query OK, 0 rows affected (0.02 sec)  
mysql> CREATE DATABASE wp;  
Query OK, 1 row affected (0.01 sec)  
mysql> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'mukill10';  
Query OK, 0 rows affected (0.02 sec)  
mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@'localhost';  
Query OK, 0 rows affected (0.01 sec)  
i-0ff17be51dd875e92 (MyWordpressServer)  
PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18
```



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-24-18:~$ sudo mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.35-0ubuntu0.22.04.1 (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 WITH mysql_native_password by 'mukill10';
Query OK, 0 rows affected (0.02 sec)

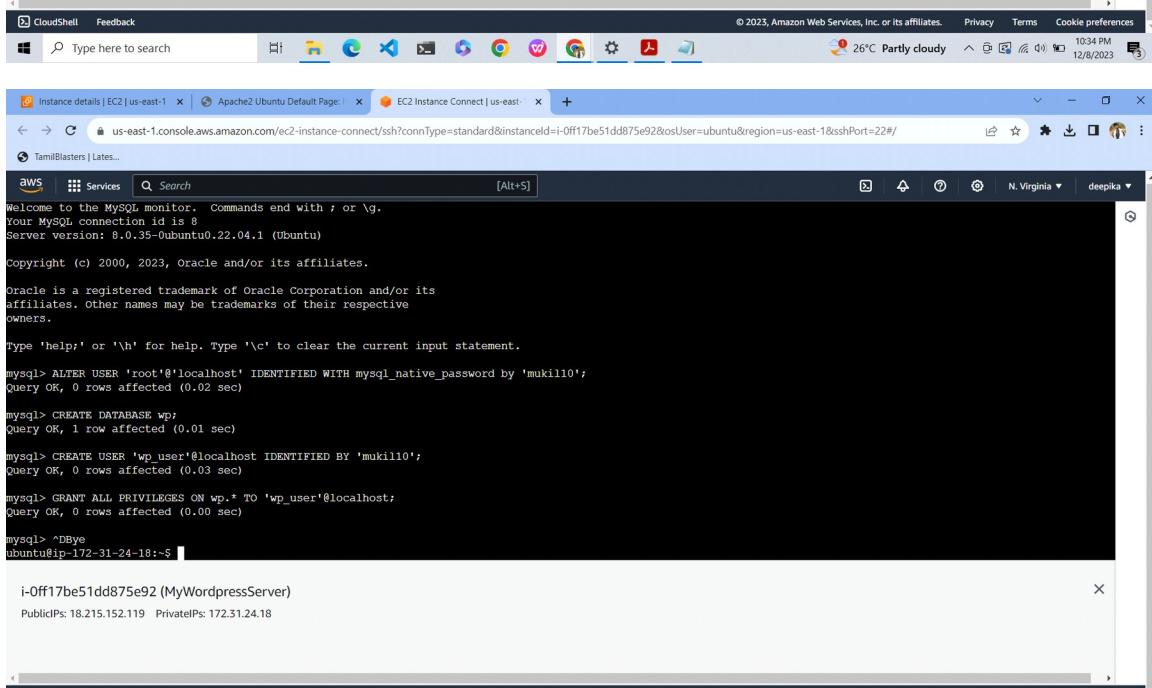
mysql> CREATE DATABASE wp;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'mukill10';
Query OK, 0 rows affected (0.03 sec)

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> ^D
Bye
ubuntu@ip-172-31-24-18:~$
```

i-Off17be51dd875e92 (MyWordpressServer)
PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18



```
aws Services Search [Alt+S]
ubuntu@ip-172-31-24-18:~$ sudo mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.35-0ubuntu0.22.04.1 (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 WITH mysql_native_password by 'mukill10';
Query OK, 0 rows affected (0.02 sec)

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

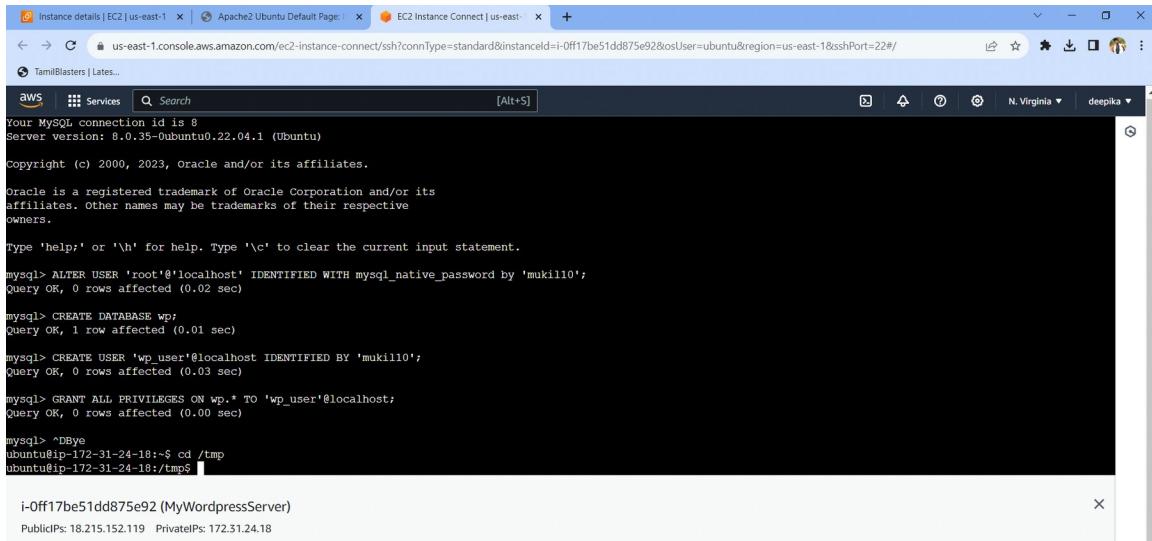
mysql> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'mukill10';
Query OK, 0 rows affected (0.03 sec)

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> ^D
Bye
ubuntu@ip-172-31-24-18:~$
```

i-Off17be51dd875e92 (MyWordpressServer)
PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18





```
Your MySQL connection id is 8
Server version: 8.0.35-0ubuntu0.22.04.1 (Ubuntu)

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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 'mukill0';
Query OK, 0 rows affected (0.02 sec)

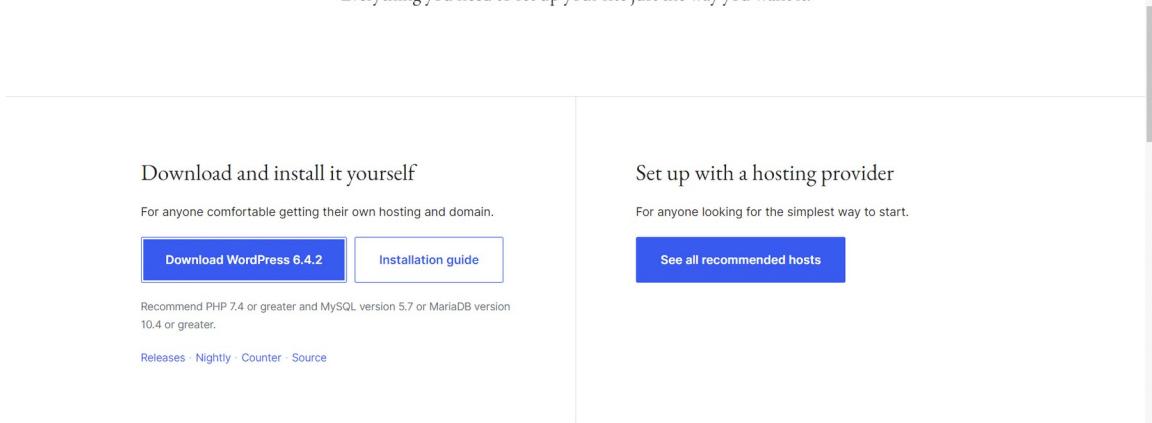
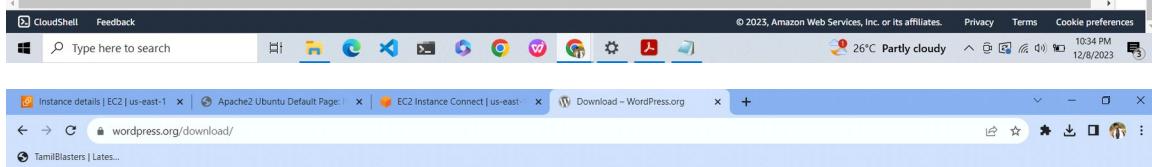
mysql> CREATE DATABASE wp;
Query OK, 1 row affected (0.01 sec)

mysql> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'mukill0';
Query OK, 0 rows affected (0.03 sec)

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql> ^D
Bye
ubuntu@ip-172-31-24-18:~$ cd /tmp
ubuntu@ip-172-31-24-18:/tmp$
```

i-Off17be51dd875e92 (MyWordpressServer)
Public IPs: 18.215.152.119 Private IPs: 172.31.24.18



Everything you need to set up your site just the way you want it.

Download and install it yourself

For anyone comfortable getting their own hosting and domain.

[Download WordPress 6.4.2](#) [Installation guide](#)

Recommend PHP 7.4 or greater and MySQL version 5.7 or MariaDB version 10.4 or greater.

[Releases](#) · [Nightly](#) · [Counter](#) · [Source](#)

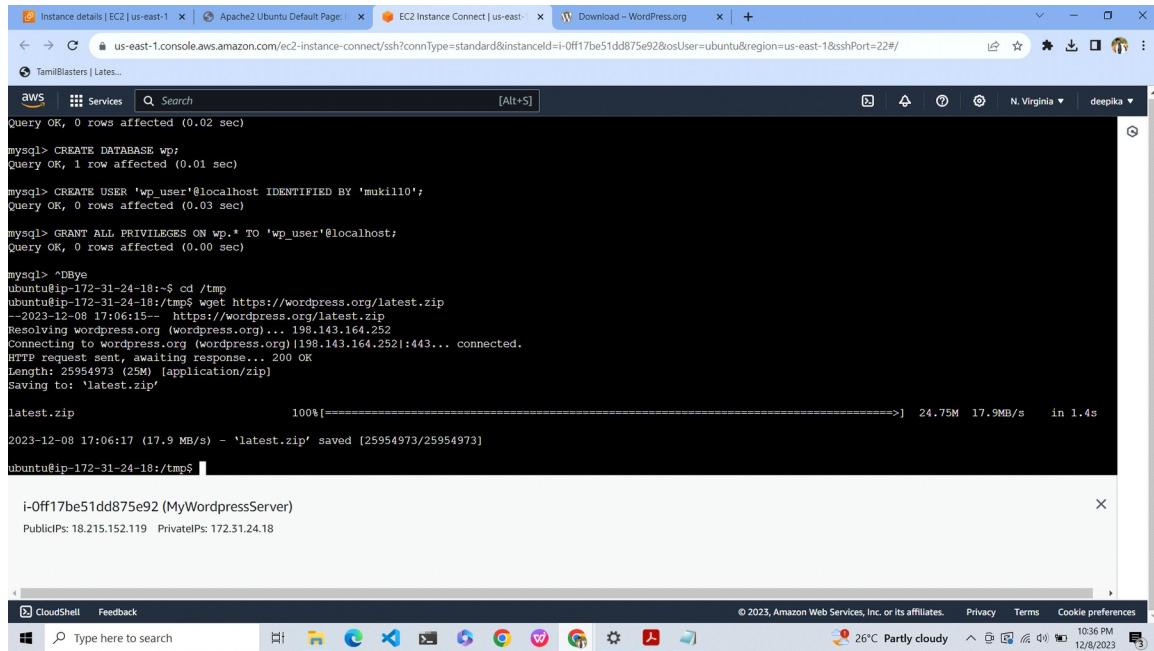
Set up with a hosting provider

For anyone looking for the simplest way to start.

[See all recommended hosts](#)

Still not sure? Explore the WordPress Playground, a live demo environment right from your browser. [Try WordPress ↗](#)





```
Query OK, 0 rows affected (0.02 sec)

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

mysql> CREATE USER 'wp_user'@localhost IDENTIFIED BY 'mukill10';
Query OK, 0 rows affected (0.03 sec)

mysql> GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@localhost;
Query OK, 0 rows affected (0.00 sec)

mysql> *Bye
ubuntu@ip-172-31-24-18:~$ cd /tmp
ubuntu@ip-172-31-24-18:/tmp$ wget https://wordpress.org/latest.zip
--2023-12-08 17:06:15-- https://wordpress.org/latest.zip
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: 25954973 (25M) [application/zip]
Saving to: 'latest.zip'

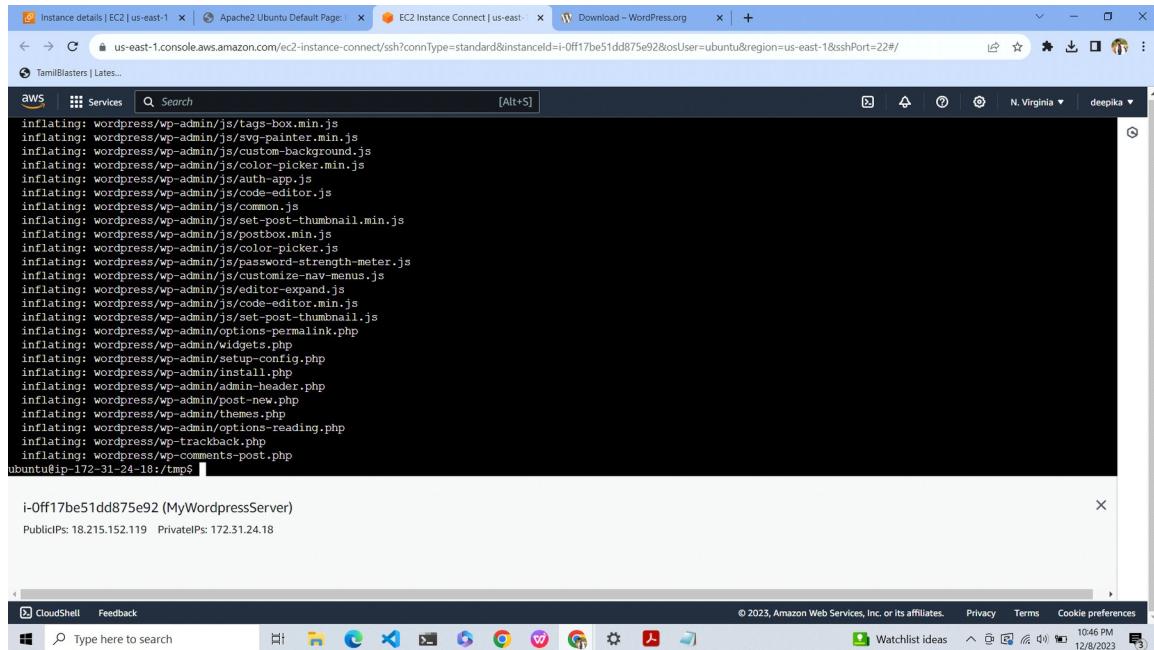
latest.zip          100%[=====] 24.75M 17.9MB/s   in 1.4s

2023-12-08 17:06:17 (17.9 MB/s) - 'latest.zip' saved [25954973/25954973]
ubuntu@ip-172-31-24-18:/tmp$
```

i-Off17be51dd875e92 (MyWordpressServer)
Public IPs: 18.215.152.119 Private IPs: 172.31.24.18

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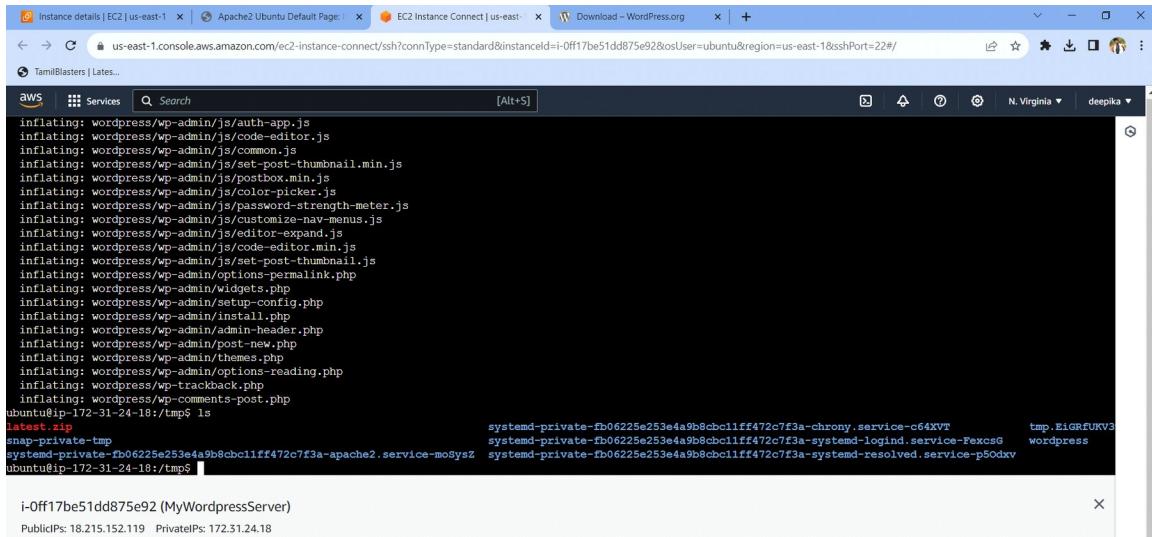
Unzipping it using unzip latest.zip command



```
infating: wordpress/wp-admin/js/tags-box.min.js
infating: wordpress/wp-admin/js/svg-painter.min.js
infating: wordpress/wp-admin/js/custom-background.js
infating: wordpress/wp-admin/js/color-picker.min.js
infating: wordpress/wp-admin/js/auth-app.js
infating: wordpress/wp-admin/js/code-editor.js
infating: wordpress/wp-admin/js/coron.js
infating: wordpress/wp-admin/js/set-post-thumbnail.min.js
infating: wordpress/wp-admin/js/postbox.min.js
infating: wordpress/wp-admin/js/color-picker.js
infating: wordpress/wp-admin/js/password-strength-meter.js
infating: wordpress/wp-admin/js/customize-nav-menus.js
infating: wordpress/wp-admin/js/editor-expand.js
infating: wordpress/wp-admin/js/code-editor.min.js
infating: wordpress/wp-admin/js/set-post-thumbnail.js
infating: wordpress/wp-admin/options-permalink.php
infating: wordpress/wp-admin/widgets.php
infating: wordpress/wp-admin/setup-config.php
infating: wordpress/wp-admin/install.php
infating: wordpress/wp-admin/admin-header.php
infating: wordpress/wp-admin/post-new.php
infating: wordpress/wp-admin/themes.php
infating: wordpress/wp-admin/options-reading.php
infating: wordpress/wp-trackback.php
infating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:/tmp$
```

i-Off17be51dd875e92 (MyWordpressServer)
Public IPs: 18.215.152.119 Private IPs: 172.31.24.18

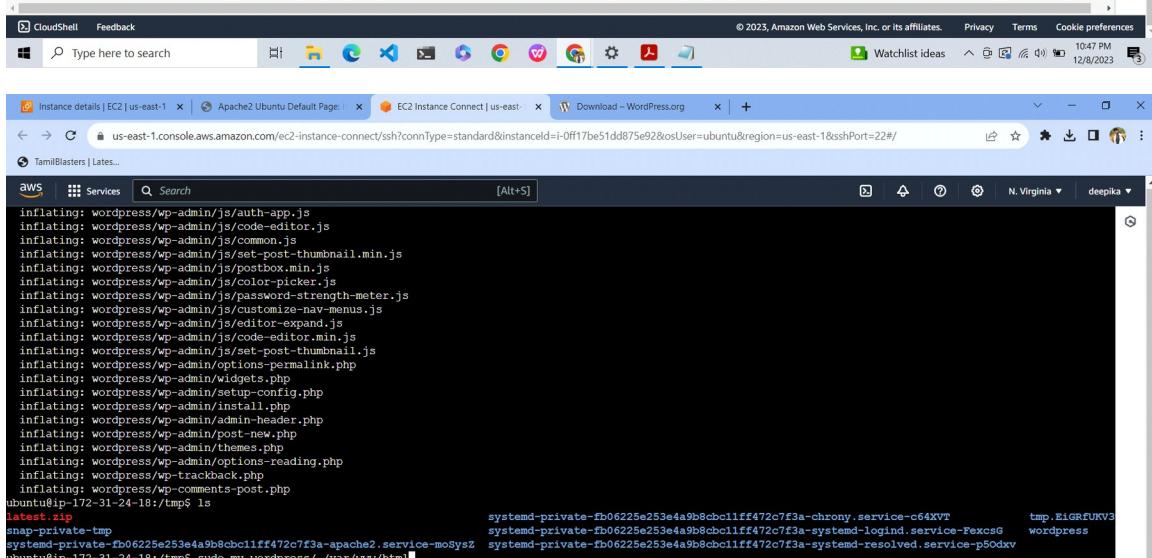
CloudShell Feedback © 2023, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences Watchlist ideas 10:46 PM 12/8/2023



```
infating: wordpress/wp-admin/js/auth-app.js
infating: wordpress/wp-admin/js/code-editor.js
infating: wordpress/wp-admin/js/common.js
infating: wordpress/wp-admin/js/set-post-thumbnail.min.js
infating: wordpress/wp-admin/js/postbox.min.js
infating: wordpress/wp-admin/js/color-picker.js
infating: wordpress/wp-admin/js/password-strength-meter.js
infating: wordpress/wp-admin/js/customize-nav-menus.js
infating: wordpress/wp-admin/js/editor-expand.js
infating: wordpress/wp-admin/js/code-editor.min.js
infating: wordpress/wp-admin/js/set-post-thumbnail.js
infating: wordpress/wp-admin/options-permalink.php
infating: wordpress/wp-admin/widgets.php
infating: wordpress/wp-admin/setup-config.php
infating: wordpress/wp-admin/install.php
infating: wordpress/wp-admin/admin-header.php
infating: wordpress/wp-admin/post-new.php
infating: wordpress/wp-admin/themes.php
infating: wordpress/wp-admin/options-reading.php
infating: wordpress/wp-trackback.php
infating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:/tmp$ ls
latest.zip
snap-private-tmp
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-chrony.service-c64XVT
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-logind.service-FexcsG
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-resolved.service-p50dxF
ubuntu@ip-172-31-24-18:/tmp$ [REDACTED]
```

i-Off17be51dd875e92 (MyWordpressServer)

PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18



```
infating: wordpress/wp-admin/js/auth-app.js
infating: wordpress/wp-admin/js/code-editor.js
infating: wordpress/wp-admin/js/common.js
infating: wordpress/wp-admin/js/set-post-thumbnail.min.js
infating: wordpress/wp-admin/js/postbox.min.js
infating: wordpress/wp-admin/js/color-picker.js
infating: wordpress/wp-admin/js/password-strength-meter.js
infating: wordpress/wp-admin/js/customize-nav-menus.js
infating: wordpress/wp-admin/js/editor-expand.js
infating: wordpress/wp-admin/js/code-editor.min.js
infating: wordpress/wp-admin/js/set-post-thumbnail.js
infating: wordpress/wp-admin/options-permalink.php
infating: wordpress/wp-admin/widgets.php
infating: wordpress/wp-admin/setup-config.php
infating: wordpress/wp-admin/install.php
infating: wordpress/wp-admin/admin-header.php
infating: wordpress/wp-admin/post-new.php
infating: wordpress/wp-admin/themes.php
infating: wordpress/wp-admin/options-reading.php
infating: wordpress/wp-trackback.php
infating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:/tmp$ ls
latest.zip
snap-private-tmp
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-chrony.service-c64XVT
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-logind.service-FexcsG
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-resolved.service-p50dxF
ubuntu@ip-172-31-24-18:/tmp$ sudo mv wordpress/ /var/www/html [REDACTED]
```

i-Off17be51dd875e92 (MyWordpressServer)

PublicIPs: 18.215.152.119 PrivateIPs: 172.31.24.18

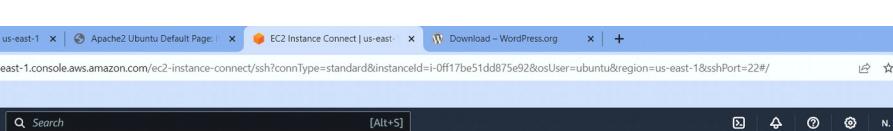


```
infating: wordpress/wp-admin/js/auth-app.js
infating: wordpress/wp-admin/js/code-editor.js
infating: wordpress/wp-admin/js/common.js
infating: wordpress/wp-admin/js/set-post-thumbnail.min.js
infating: wordpress/wp-admin/js/postbox.min.js
infating: wordpress/wp-admin/js/color-picker.js
infating: wordpress/wp-admin/js/password-strength-meter.js
infating: wordpress/wp-admin/js/customize-nav-menus.js
infating: wordpress/wp-admin/js/editor-expand.js
infating: wordpress/wp-admin/js/code-editor.min.js
infating: wordpress/wp-admin/js/set-post-thumbnail.js
infating: wordpress/wp-admin/options-permalink.php
infating: wordpress/wp-admin/widgets.php
infating: wordpress/wp-admin/setup-config.php
infating: wordpress/wp-admin/install.php
infating: wordpress/wp-admin/admin-header.php
infating: wordpress/wp-admin/post-new.php
infating: wordpress/wp-admin/themes.php
infating: wordpress/wp-admin/options-reading.php
infating: wordpress/wp-trackback.php
infating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:/tmp$ ls
latest.zip
snap-private-tmp
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-chrony.service-c64XVT
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-logind.service-FexcsG
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-resolved.service-p50dxF
ubuntu@ip-172-31-24-18:/tmp$ [REDACTED]
```

```
Instance details | EC2 | us-east-1 x Apache2 Ubuntu Default Page x EC2 Instance Connect | us-east-1 x Download - WordPress.org x +  
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22/        
TamiBlasters | Lates...  
 Services  [Alt+S]  
inflating: wordpress/wp-admin/s/color-picker.js  
inflating: wordpress/wp-admin/s/password-strength-meter.js  
inflating: wordpress/wp-admin/s/customize-nav-menus.js  
inflating: wordpress/wp-admin/s/editor-expand.js  
inflating: wordpress/wp-admin/s/code-editor.min.js  
inflating: wordpress/wp-admin/s/set-post-thumbnail.js  
inflating: wordpress/wp-admin/options-permalink.php  
inflating: wordpress/wp-admin/widgets.php  
inflating: wordpress/wp-admin/install-config.php  
inflating: wordpress/wp-admin/install.php  
inflating: wordpress/wp-admin/admin-header.php  
inflating: wordpress/wp-admin/post-new.php  
inflating: wordpress/wp-admin/themes.php  
inflating: wordpress/wp-admin/options-reading.php  
inflating: wordpress/wp-trackback.php  
inflating: wordpress/wp-comments-post.php  
ubuntu@ip-172-31-24-18:~$ ls  
latest.zip  
snap-private-lmp  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-apache2.service-moSysZ  
ubuntu@ip-172-31-24-18:~$ sudo mv wordpress /var/www/html  
ubuntu@ip-172-31-24-18:~$ ls  
latest.zip  
snap-private-lmp  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-apache2.service-moSysZ  
ubuntu@ip-172-31-24-18:~$ ls  
latest.zip  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-chrony.service-c64XVT  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-systemd-logind.service-FexcsG  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-systemd-resolved.service-p50dxv  
tmp.EigRFUKV3  
wordpress  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-chrony.service-c64XVT  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-systemd-logind.service-FexcsG  
systemd-private_fb06225e253e4a9b8cbc1ff472c7f3a-systemd-resolved.service-p50dxv  
tmp.EigRFUKV3  
172.31.24.18:80
```

i-0ff17be51dd875e92 (MyWordpressServer)

Public IPs: 18.215.152.119 Private IPs: 172.31.24.18



```
CloudShell Feedback
Type here to search
Instance details | EC2 | us-east-1 | Apache2 Ubuntu Default Page | EC2 Instance Connect | us-east-1 | Download - WordPress.org | 26°C Partly cloudy | 1048 PM | 12/8/2023
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu&region=us-east-1&sshPort=22/
TamiBlasters | Lates...
Services Search [Alt+S]
inflating: wordpress/wp-admin/js/code-editor.min.js
inflating: wordpress/wp-admin/js/set-post-thumbnail.js
inflating: wordpress/wp-admin/options-permalink.php
inflating: wordpress/wp-admin/widgets.php
inflating: wordpress/wp-admin/setup-config.php
inflating: wordpress/wp-admin/install.php
inflating: wordpress/wp-admin/admin-header.php
inflating: wordpress/wp-admin/post-new.php
inflating: wordpress/wp-admin/themes.php
inflating: wordpress/wp-admin/options-reading.php
inflating: wordpress/wp-trackback.php
inflating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:~/tmp$ ls
latest.zip
snap-private-tmp
systemd-private_fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
ubuntu@ip-172-31-24-18:~/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-24-18:~/tmp$ ls
latest.zip
snap-private-tmp
systemd-private_fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
ubuntu@ip-172-31-24-18:~/tmp$ cd ..
ubuntu@ip-172-31-24-18:~/$ cd /var/www/html
ubuntu@ip-172-31-24-18:~/var/www/html$ ls
index.html
wordpress
ubuntu@ip-172-31-24-18:~/var/www/html$
```

i-0ff17be51dd875e92 (MyWordpressServer)

Public IPs: 18.215.152.119 Private IPs: 172.31.24.18

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 Type here to search 26°C Partly cloudy 10:49 PM 13/8/2022

Instance details | EC2 | us-east-1 | Apache2 Ubuntu Default Page | EC2 Instance Connect | us-east-1 | Download – WordPress.org | +

← → 🔍 us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0ff17be51dd875e92&osUser=ubuntu®ion=us-east-1&sshPort=22#/

TamilBlasters | Lates...

AWS Services Search [Alt+S] N. Virginia deepika

```

inflating: wordpress/wp-admin/admin-header.php
inflating: wordpress/wp-admin/post-new.php
inflating: wordpress/wp-admin/themes.php
inflating: wordpress/wp-admin/options-reading.php
inflating: wordpress/wp-trackback.php
inflating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:/tmp$ ls
latest.zip                                         systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-chrony.service-c64XVT   tmp_EiGrfUVK3
snap-private-tmp                                     systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-logind.service-FexcsG   wordpress
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
ubuntu@ip-172-31-24-18:/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-24-18:/tmp$ ls
latest.zip                                         systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-chrony.service-c64XVT   tmp_EiGrfUVK3
snap-private-tmp                                     systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-systemd-logind.service-FexcsG   wordpress
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysZ
ubuntu@ip-172-31-24-18:/tmp$ cd ..
ubuntu@ip-172-31-24-18:/$ cd /var/www/html
ubuntu@ip-172-31-24-18:/var/www/html$ ls
index.html  wordpress
ubuntu@ip-172-31-24-18:/var/www/html$ rm index.html
rm: remove write-protected regular file 'index.html'? yes
rm: cannot remove 'index.html': Permission denied
ubuntu@ip-172-31-24-18:/var/www/html$ sudo rm index.html
ubuntu@ip-172-31-24-18:/var/www/html$ ls
wordpress
ubuntu@ip-172-31-24-18:/var/www/html$ 
```

i-0ff17be51dd875e92 (MyWordpressServer)

Public IPs: 18.215.152.119 Private IPs: 172.31.24.18

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Instance details | EC2 | us-east-1 | WordPress - Setup Configuration | EC2 Instance Connect | us-east-1 | Download – WordPress.org | +

← → 🔍 Not secure | 18.215.152.119/wordpress/wp-admin/setup-config.php

TamilBlasters | Lates...

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WordPress

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 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!

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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.

Submit

```

inflating: wordpress/wp-admin/post-new.php
inflating: wordpress/wp-admin/themes.php
inflating: wordpress/wp-admin/options-reading.php
inflating: wordpress/wp-trackback.php
inflating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-24-18:~$ ls
latest.zip
snap-private-tmp
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysz
ubuntu@ip-172-31-24-18:~$ sudo mv wordpress /var/www/html
ubuntu@ip-172-31-24-18:~$ ls
latest.zip
snap-private-tmp
systemd-private-fb06225e253e4a9b8cbc11ff472c7f3a-apache2.service-moSysz
ubuntu@ip-172-31-24-18:~$ cd /var/www/html
ubuntu@ip-172-31-24-18:~/var/www/html$ ls
index.html  wordpress
ubuntu@ip-172-31-24-18:~/var/www/html$ rm index.html
rm: remove write-protected regular file 'index.html'? yes
rm: cannot remove 'index.html': Permission denied
ubuntu@ip-172-31-24-18:~/var/www/html$ sudo rm index.html
ubuntu@ip-172-31-24-18:~/var/www/html$ ls
wordpress
ubuntu@ip-172-31-24-18:~/var/www/html$ cd wordpress
ubuntu@ip-172-31-24-18:~/var/www/html/wordpress$ 

```

i-Off17be51dd875e92 (MyWordpressServer)

Public IPs: 18.215.152.119 Private IPs: 172.31.24.18



The screenshot shows a Windows desktop environment with a terminal window and a web browser window.

Terminal Window (wp-config.php):

```
GNU nano 6.2
wp-config.php
/*
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the installation.
 * You don't have to use the web site, you can copy this file to "wp-config.php"
 * and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * Database settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://wordpress.org/documentation/article/editing-wp-config-php/
 *
 * @package WordPress
 */

// ** Database settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
[ Read 97 lines ]
^G Help      ^C Write Out   ^W Where Is   ^R Cut          ^T Execute   ^C Location   M-U Undo   M-A Set Mark   M-L To Bracket   M-Q Previous
^X Exit      ^P Read File   ^R Replace    ^U Paste        ^G Justify    ^G Go To Line  M-E Redo   M-C Copy      M-O Where Was   M-W Next

```

Web Browser (WordPress Installation):

The browser window shows the WordPress installation welcome screen. The URL is http://18.215.152.119/wordpress/wp-admin/install.php?language=en_US.

Information needed:

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

Site Title: welcome to infotrix intern

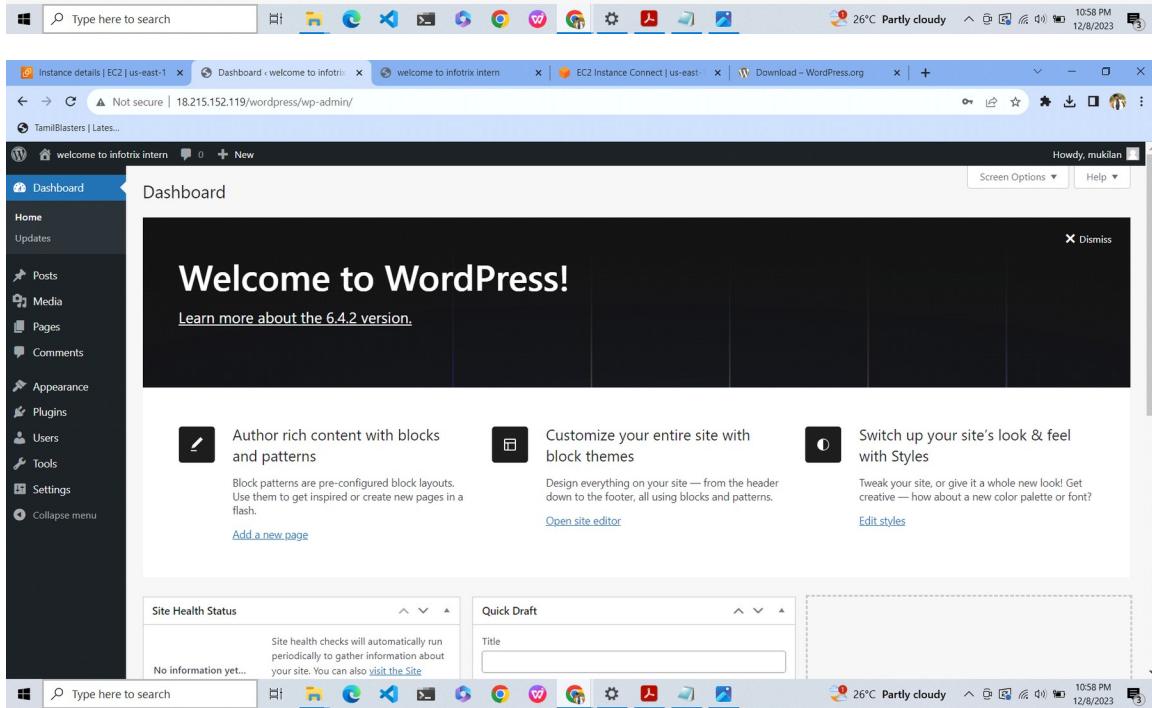
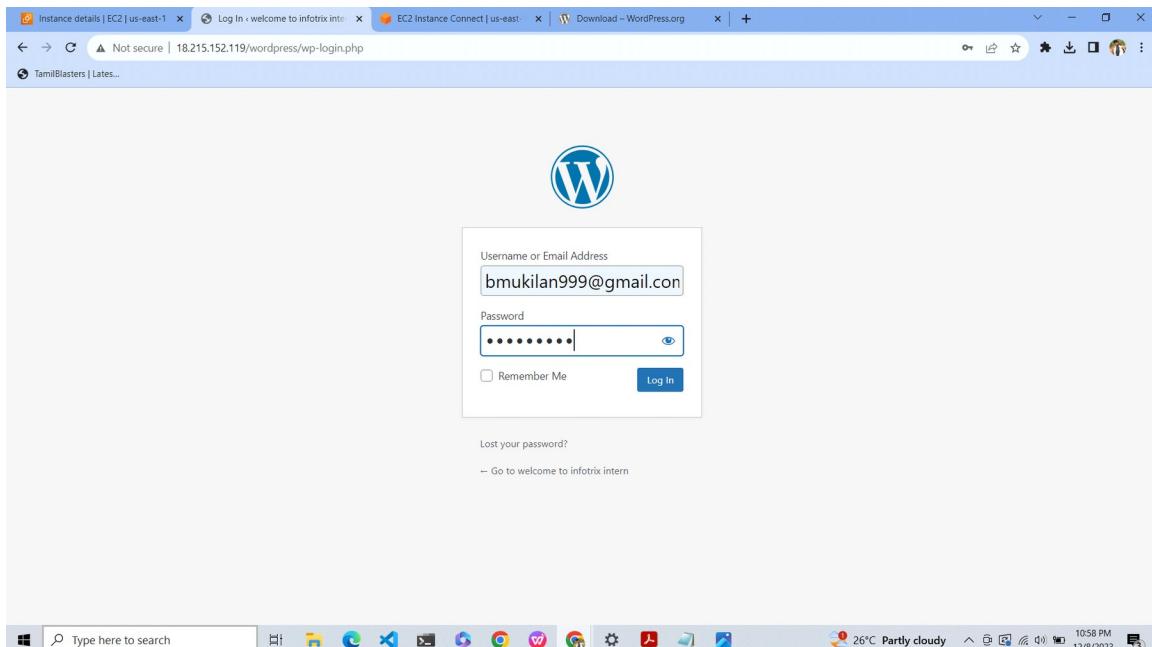
Username: mukilan

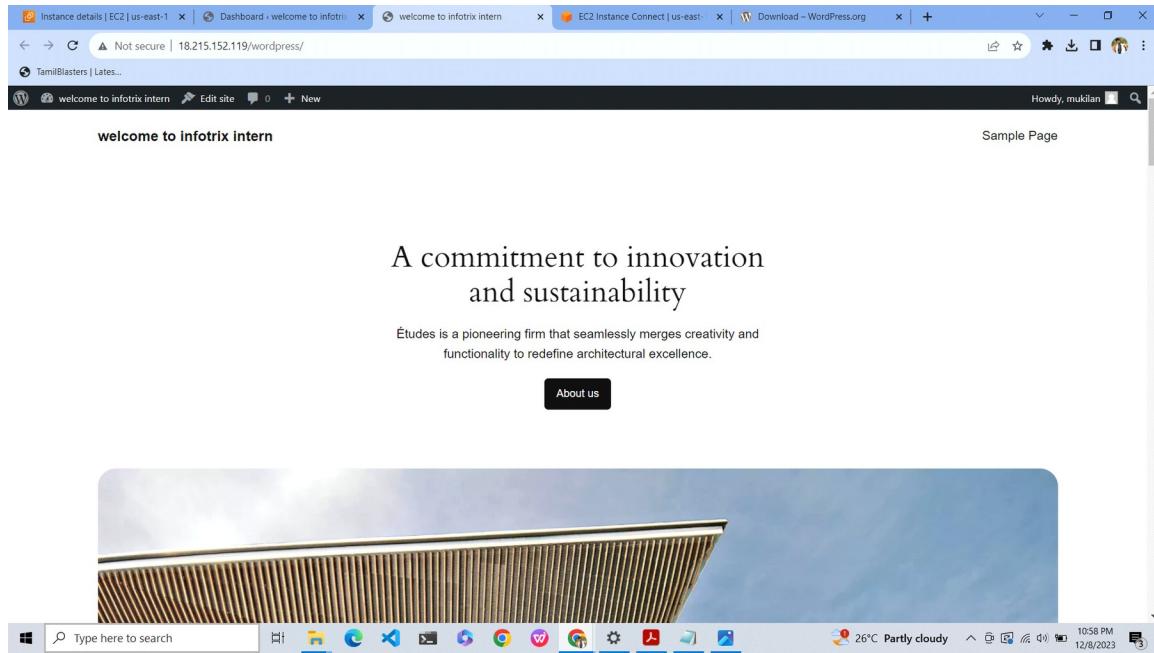
Password: harimukil (Medium)

Your Email: bmukilan999@gmail.com

Search engine visibility: Discourage search engines from indexing this site

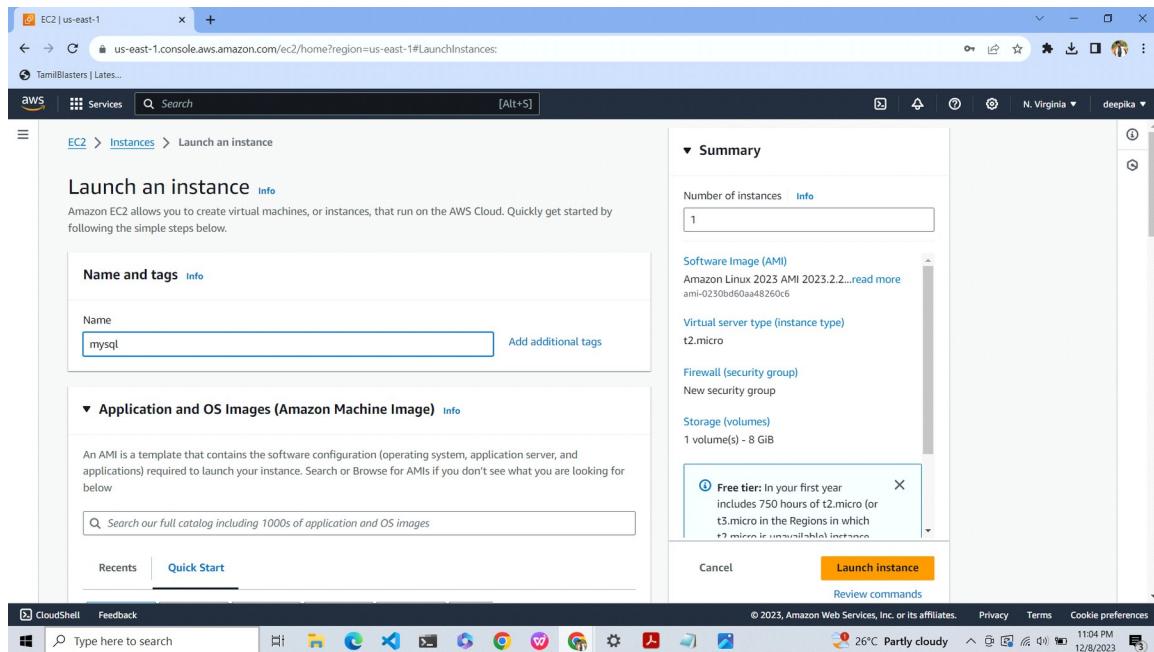
Install WordPress button





TASK-2

Microservices-2EC2 instances, 1 for wordpress and 1 for MySQL



EC2 | us-east-1

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

TamilBlasters | Lates...

aws Services Search [Alt+S]

Network [Info](#)
vpc-0b2e4750a8f31ae26

Subnet [Info](#)
No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

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

⚠️ 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-0fc5d935ebf8bc3bc

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 unsupported instances

Launch instance

Review commands

CloudShell Feedback

Type here to search

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26°C Partly cloudy 11:05 PM 12/8/2023

EC2 | us-east-1

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

TamilBlasters | Lates...

aws Services Search [Alt+S]

Network [Info](#)
vpc-0b2e4750a8f31ae26

Subnet [Info](#)
No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)

Enable

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 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-0fc5d935ebf8bc3bc

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 unsupported instances

Launch instance

Review commands

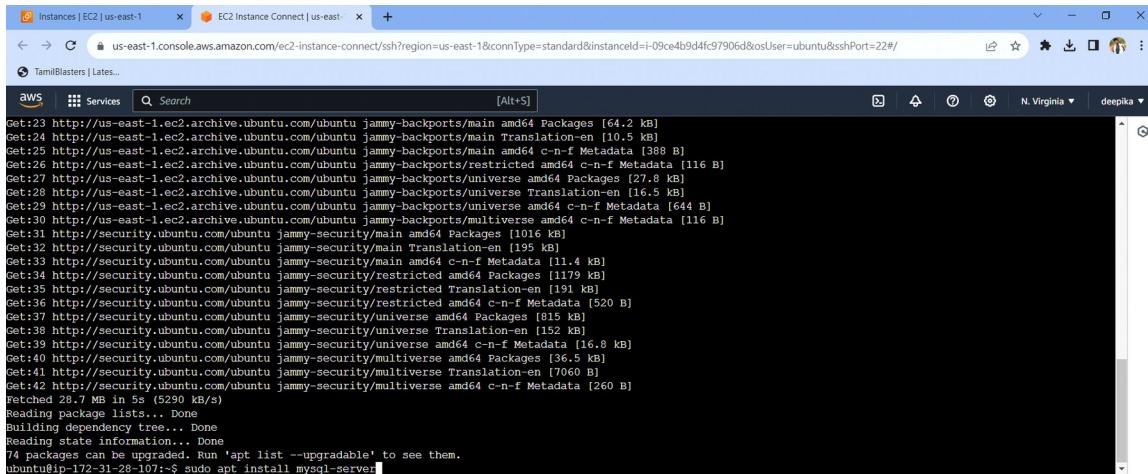
CloudShell Feedback

Type here to search

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26°C Partly cloudy 11:05 PM 12/8/2023

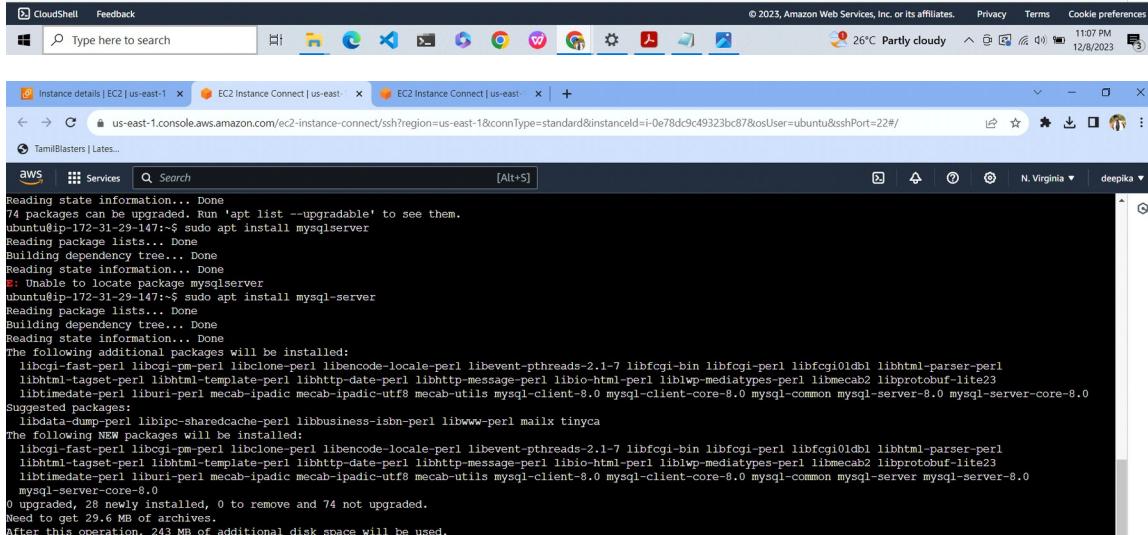
installing MySql on 1st instance



```
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [64.2 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [10.5 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [27.8 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.5 kB]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1016 kB]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [195 kB]
Get:33 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [11.4 kB]
Get:34 http://security.ubuntu.com/ubuntu jammy-security/restricted amd64 Packages [1179 kB]
Get:35 http://security.ubuntu.com/ubuntu jammy-security/restricted Translation-en [191 kB]
Get:36 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [520 B]
Get:37 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [815 kB]
Get:38 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [152 kB]
Get:39 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Get:40 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [36.5 kB]
Get:41 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [7060 B]
Get:42 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [260 B]
Fetched 28.7 MB in 5s (5290 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
74 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-28-107:~$ sudo apt install mysql-server
```

i-09ce4b9d4fc97906d (mysql)

PublicIPs: 3.84.243.109 PrivateIPs: 172.31.28.107



```
Reading state information... Done
74 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-29-147:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Reading state information... Done
Reading state information... Done
The following additional packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libclone-perl libencode-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgioldperl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmemcached libprotobuf-lite23
  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 libbusiness-isbn-perl libwww-mailx tinyca
The following NEW packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libclone-perl libencode-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgioldperl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmemcached libprotobuf-lite23
  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 74 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 243 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

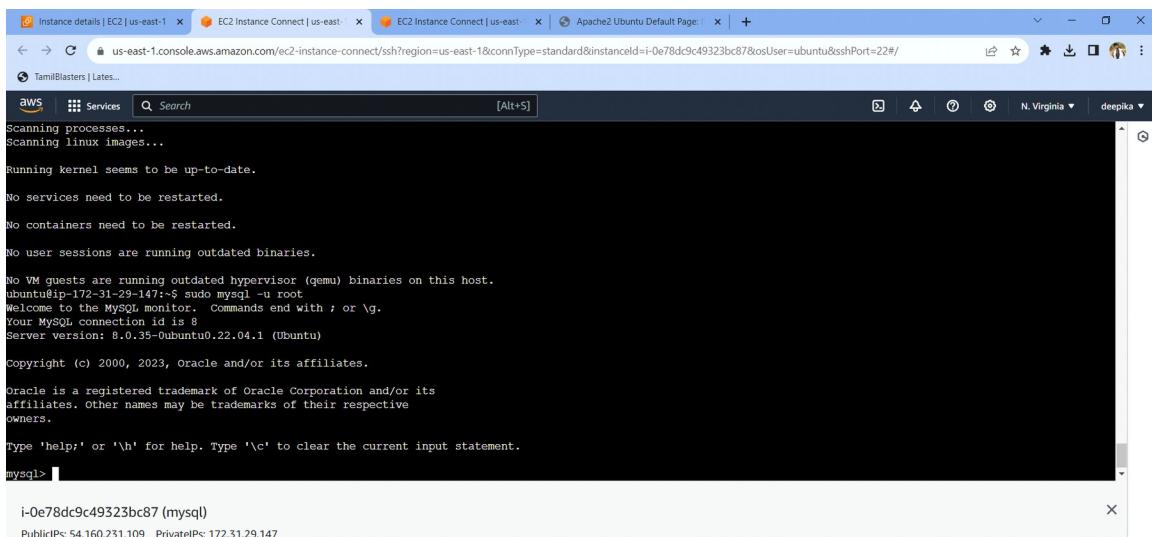
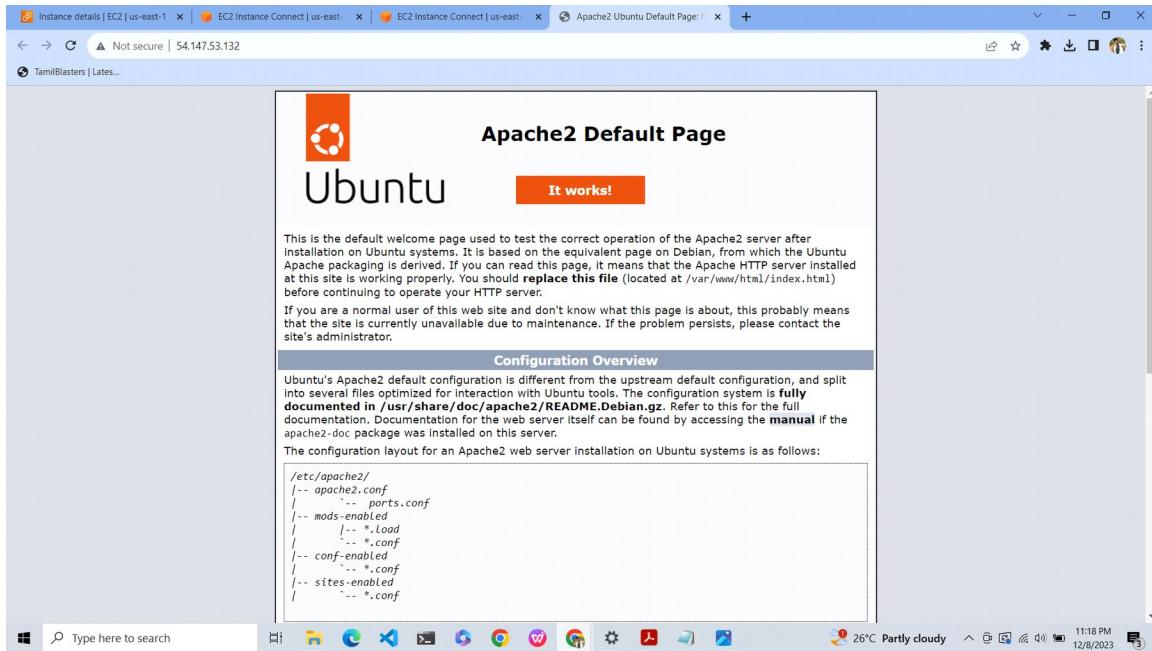
i-0e78dc9c49323bc87 (mysql)

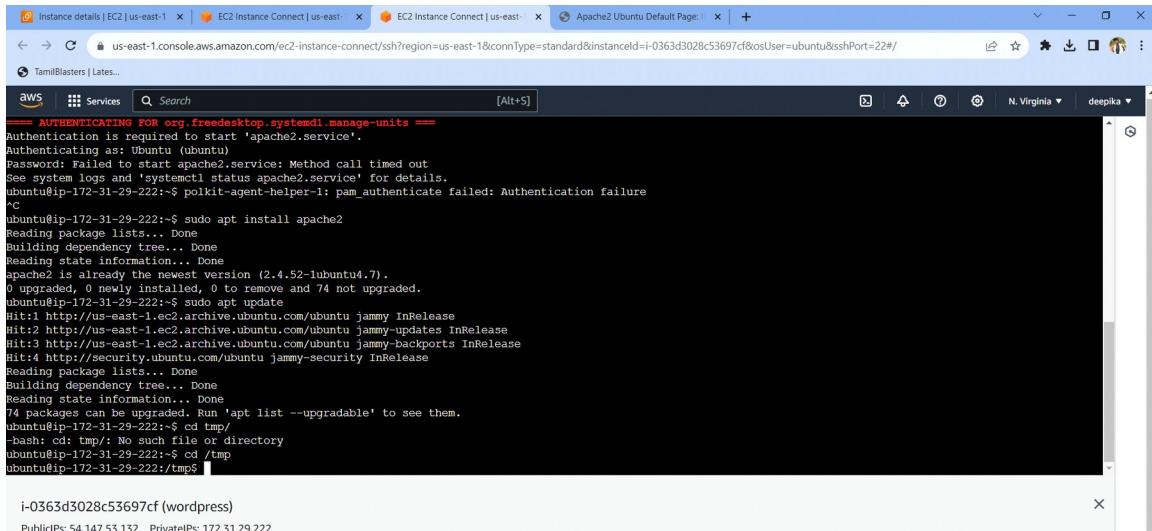
PublicIPs: 54.160.231.109 PrivateIPs: 172.31.29.147



```
Reading state information... Done
74 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-29-147:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Reading state information... Done
Reading state information... Done
The following additional packages will be installed:
  libfcgi-fast-perl libfcgi-pm-perl libclone-perl libencode-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgioldperl libhtml-parser-perl
  libhtml-tagset-perl libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmemcached libprotobuf-lite23
  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 74 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 243 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

Installing Apache2 and Wordpress on second instance

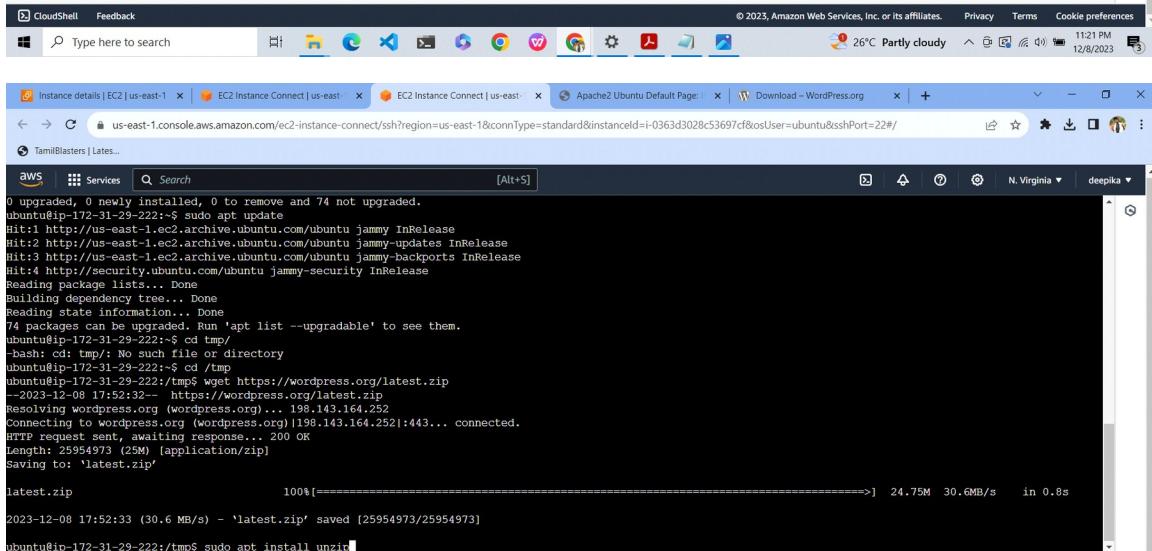




```
authentication is required to start 'apache2.service'.
authenticating as: Ubuntu (ubuntu)
password: Failed to start apache2.service: Method call timed out
See system logs and 'systemctl status apache2.service' for details.
ubuntu@ip-172-31-29-222:~$ polkit-agent-helper-1: pam_authenticate failed: Authentication failure
^C
ubuntu@ip-172-31-29-222:~$ sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.52-1ubuntu4.7).
0 upgraded, 0 newly installed, 0 to remove and 74 not upgraded.
ubuntu@ip-172-31-29-222:~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
74 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-29-222:~$ cd tmp/
-bash: cd: tmp/: No such file or directory
ubuntu@ip-172-31-29-222:~$ cd /tmp
ubuntu@ip-172-31-29-222:~/tmp$
```

i-0363d3028c53697cf (wordpress)

PublicIPs: 54.147.53.132 PrivateIPs: 172.31.29.222



```
0 upgraded, 0 newly installed, 0 to remove and 74 not upgraded.
ubuntu@ip-172-31-29-222:~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
74 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-29-222:~$ cd tmp/
-bash: cd: tmp/: No such file or directory
ubuntu@ip-172-31-29-222:~$ cd /tmp
ubuntu@ip-172-31-29-222:~/tmp$ wget https://wordpress.org/latest.zip
--2023-12-08 17:52:32-- https://wordpress.org/latest.zip
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: 25954973 (25M) [application/zip]
Saving to: 'latest.zip'

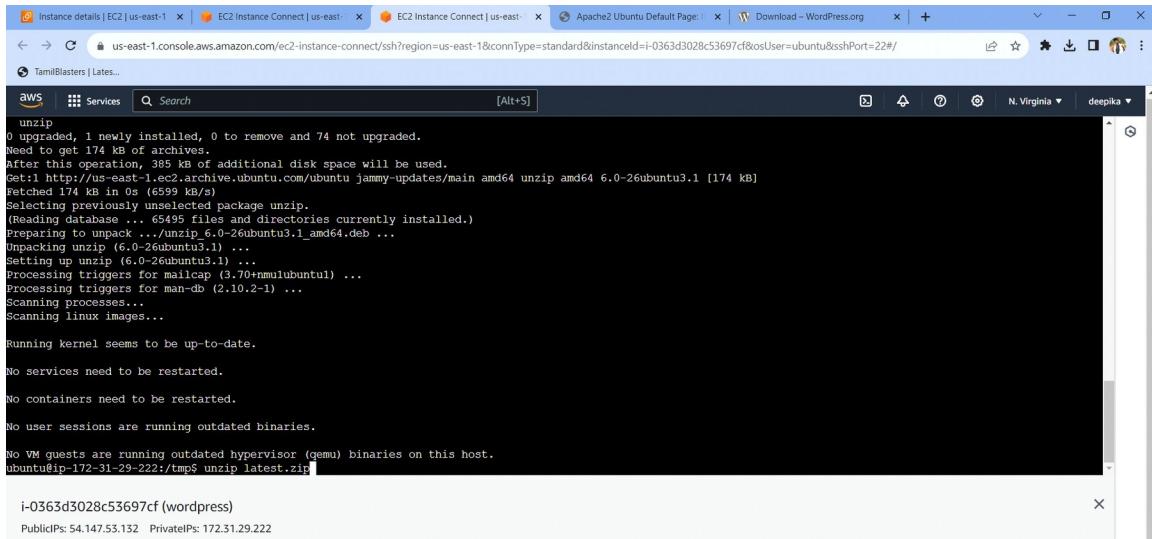
latest.zip          100%[=====]  24.75M  30.6MB/s  in 0.8s
2023-12-08 17:52:33 (30.6 MB/s) - 'latest.zip' saved [25954973/25954973]
ubuntu@ip-172-31-29-222:~/tmp$ sudo apt install unzip
```

i-0363d3028c53697cf (wordpress)

PublicIPs: 54.147.53.132 PrivateIPs: 172.31.29.222



```
i-0363d3028c53697cf (wordpress)
```



```
unzip
0 upgraded, 1 newly installed, 0 to remove and 74 not upgraded.
Need to get 174 kB of archives.
After this operation, 385 kB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 unzip amd64 6.0-26ubuntu3.1 [174 kB]
Fetched 174 kB in 0s (6599 kB/s)
Selecting previously unselected package unzip.
(Reading database ... 65495 files and directories currently installed.)
Preparing to unpack .../unzip_6.0-26ubuntu3.1_amd64.deb ...
Unpacking unzip (6.0-26ubuntu3.1) ...
Setting up unzip (6.0-26ubuntu3.1) ...
Processing triggers for mailcap (3.70+nmulubuntul) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

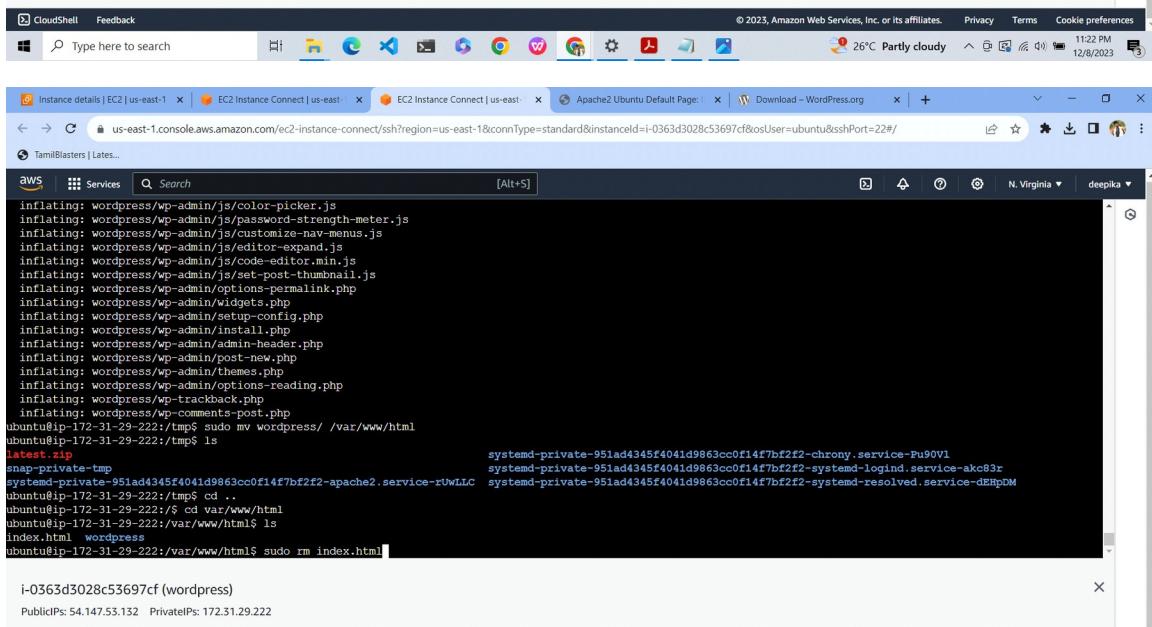
No containers need to be restarted.

No user sessions are running outdated binaries.

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

ubuntu@ip-172-31-29-222:/tmp$ unzip latest.zip
```

i-0363d3028c53697cf (wordpress)
PublicIPs: 54.147.53.132 PrivateIPs: 172.31.29.222



```
inflate: wordpress/wp-admin/js/color-picker.js
inflate: wordpress/wp-admin/js/password-strength-meter.js
inflate: wordpress/wp-admin/js/customize-hav-menus.js
inflate: wordpress/wp-admin/js/editor-expand.js
inflate: wordpress/wp-admin/js/code-editor-min.js
inflate: wordpress/wp-admin/js/set-post-thumbnail.js
inflate: wordpress/wp-admin/options-permalink.php
inflate: wordpress/wp-admin/widgets.php
inflate: wordpress/wp-admin/setup-config.php
inflate: wordpress/wp-admin/install.php
inflate: wordpress/wp-admin/admin-header.php
inflate: wordpress/wp-admin/post-new.php
inflate: wordpress/wp-admin/themes.php
inflate: wordpress/wp-admin/options-reading.php
inflate: wordpress/wp-trackback.php
inflate: wordpress/wp-comments-post.php
ubuntu@ip-172-31-29-222:/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-29-222:/tmp$ ls
latest.zip
snap-private-tmp
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-chrony.service-Pu90V1
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-systemd-logind.service-akc83r
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-systemd-resolved.service-dEHPdM
ubuntu@ip-172-31-29-222:/tmp$ cd ..
ubuntu@ip-172-31-29-222:/$ cd var/www/html
ubuntu@ip-172-31-29-222:/var/www/html$ ls
index.html wordpress
ubuntu@ip-172-31-29-222:/var/www/html$ sudo rm index.html
```

i-0363d3028c53697cf (wordpress)
PublicIPs: 54.147.53.132 PrivateIPs: 172.31.29.222



```
inflate: wordpress/wp-admin/js/color-picker.js
inflate: wordpress/wp-admin/js/password-strength-meter.js
inflate: wordpress/wp-admin/js/customize-hav-menus.js
inflate: wordpress/wp-admin/js/editor-expand.js
inflate: wordpress/wp-admin/js/code-editor-min.js
inflate: wordpress/wp-admin/js/set-post-thumbnail.js
inflate: wordpress/wp-admin/options-permalink.php
inflate: wordpress/wp-admin/widgets.php
inflate: wordpress/wp-admin/setup-config.php
inflate: wordpress/wp-admin/install.php
inflate: wordpress/wp-admin/admin-header.php
inflate: wordpress/wp-admin/post-new.php
inflate: wordpress/wp-admin/themes.php
inflate: wordpress/wp-admin/options-reading.php
inflate: wordpress/wp-trackback.php
inflate: wordpress/wp-comments-post.php
ubuntu@ip-172-31-29-222:/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-29-222:/tmp$ ls
latest.zip
snap-private-tmp
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-chrony.service-Pu90V1
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-systemd-logind.service-akc83r
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-systemd-resolved.service-dEHPdM
ubuntu@ip-172-31-29-222:/tmp$ cd ..
ubuntu@ip-172-31-29-222:/$ cd var/www/html
ubuntu@ip-172-31-29-222:/var/www/html$ ls
index.html wordpress
ubuntu@ip-172-31-29-222:/var/www/html$ sudo rm index.html
```

```

infating: wordpress/wp-admin/js/set-post-thumbnail.js
infating: wordpress/wp-admin/options-permalink.php
infating: wordpress/wp-admin/widgets.php
infating: wordpress/wp-admin/setup-config.php
infating: wordpress/wp-admin/install.php
infating: wordpress/wp-admin/admin-header.php
infating: wordpress/wp-admin/post-new.php
infating: wordpress/wp-admin/themes.php
infating: wordpress/wp-admin/options-reading.php
infating: wordpress/wp-trackback.php
infating: wordpress/wp-comments-post.php
ubuntu@ip-172-31-29-222:/tmp$ sudo mv wordpress/ /var/www/html
ubuntu@ip-172-31-29-222:/tmp$ ls
latest.zip
snap-private-tmp
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-chrony.service-Pu90V1
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-systemd-logind.service-akc83r
systemd-private-951ad4345f4041d9863cc0f14f7bf2f2-systemd-resolved.service-dEHpDM
ubuntu@ip-172-31-29-222:/tmp$ cd ..
ubuntu@ip-172-31-29-222:/ S cd var/www/html
ubuntu@ip-172-31-29-222:/var/www/html$ ls
index.html wordpress
ubuntu@ip-172-31-29-222:/var/www/html$ sudo rm index.html
ubuntu@ip-172-31-29-222:/var/www/html$ ls
wordpress
ubuntu@ip-172-31-29-222:/var/www/html$ cd wordpress
ubuntu@ip-172-31-29-222:/var/www/html/wordpress$ nano wp-config.php
ubuntu@ip-172-31-29-222:/var/www/html/wordpress$ ls

```

i-0363d3028c53697cf (wordpress)
 Public IPs: 54.147.53.132 Private IPs: 172.31.29.222

COMMANDS USED:

1. Install Apache server on Ubuntu

sudo apt install apache2

2. Install php runtime and php mysql connector

sudo apt install php libapache2-mod-php php-mysql

3. Install MySQL server

sudo apt install mysql-server

4. Login to MySQL server

sudo mysql -u root

5. Change authentication plugin to mysql_native_password (change the password to something strong)

ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by 'mukil10';

6. Create a new database user for wordpress (change the password to something strong)

CREATE USER 'wp_user'@localhost IDENTIFIED BY 'mukil10';

7. Create a database for wordpress

CREATE DATABASE wp;

8. Grant all privileges on the database 'wp' to the newly created user

GRANT ALL PRIVILEGES ON wp.* TO 'wp_user'@localhost;

9. Download wordpress

cd /tmp

wget https://wordpress.org/latest.zip

10. sudo apt install unzip

Unzip latest.zip

11. Move wordpress folder to apache document root

sudo mv wordpress/ /var/www/html

cd /var/www/html/

ls

```
cd wordpress
nano wp-config.php
12. Command to restart/reload apache server
sudo systemctl restart apache2
```

THANK YOU