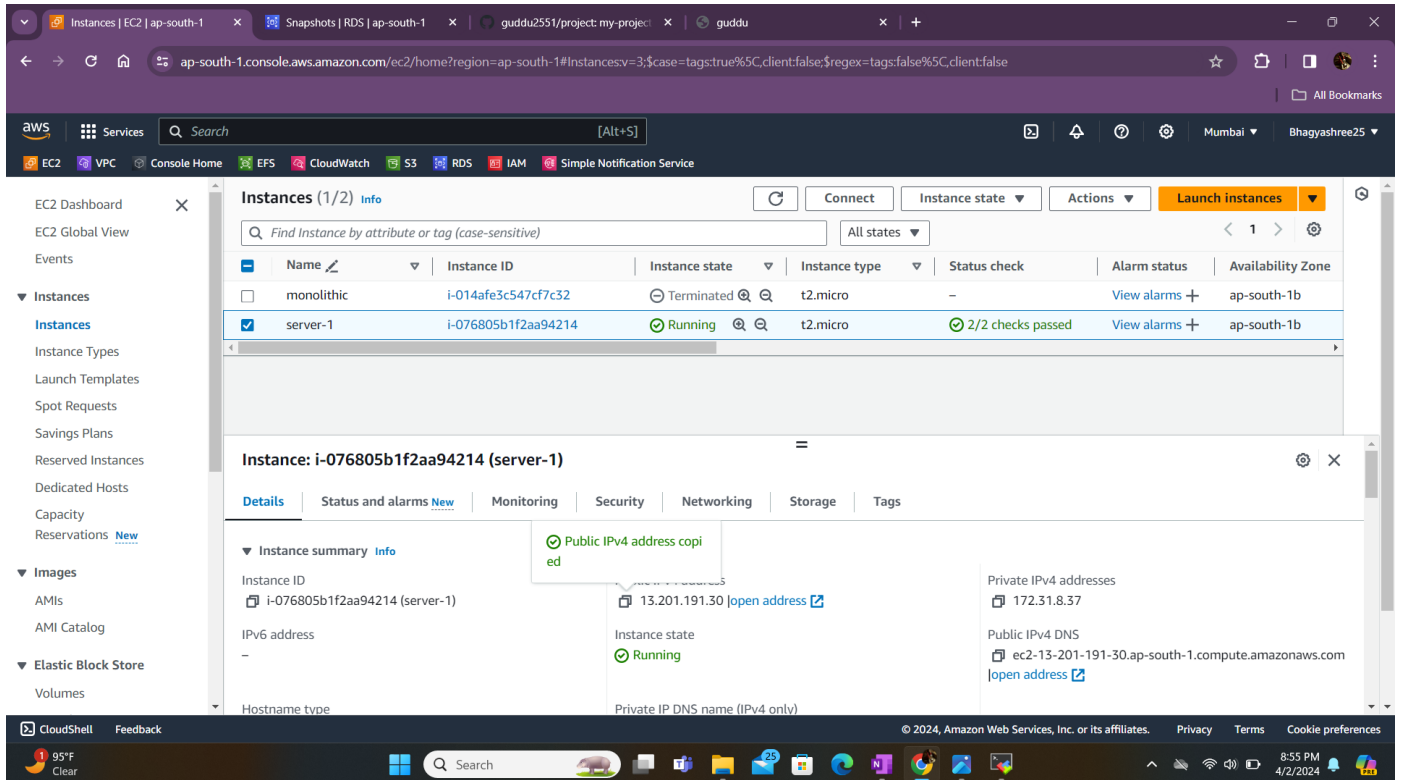


Assignment-1: Monolithic architecture

- Bhagyashree Shrote

1.mysql and wordpress on same instance. Lgin with a user name guddu.



The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page displays a table of EC2 instances. The instance 'server-1' (ID: i-076805b1f2aa94214) is in the 'Running' state. The details for this instance are expanded, showing its public IP address (13.201.191.30) and public DNS name (ec2-13-201-191-30.ap-south-1.compute.amazonaws.com).

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
monolithic	i-014afe3c547cf7c32	Terminated	t2.micro	-	View alarms	ap-south-1b
server-1	i-076805b1f2aa94214	Running	t2.micro	2/2 checks passed	View alarms	ap-south-1b

Instance: i-076805b1f2aa94214 (server-1)

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

Instance summary

Instance ID: i-076805b1f2aa94214 (server-1)

IPv6 address: -

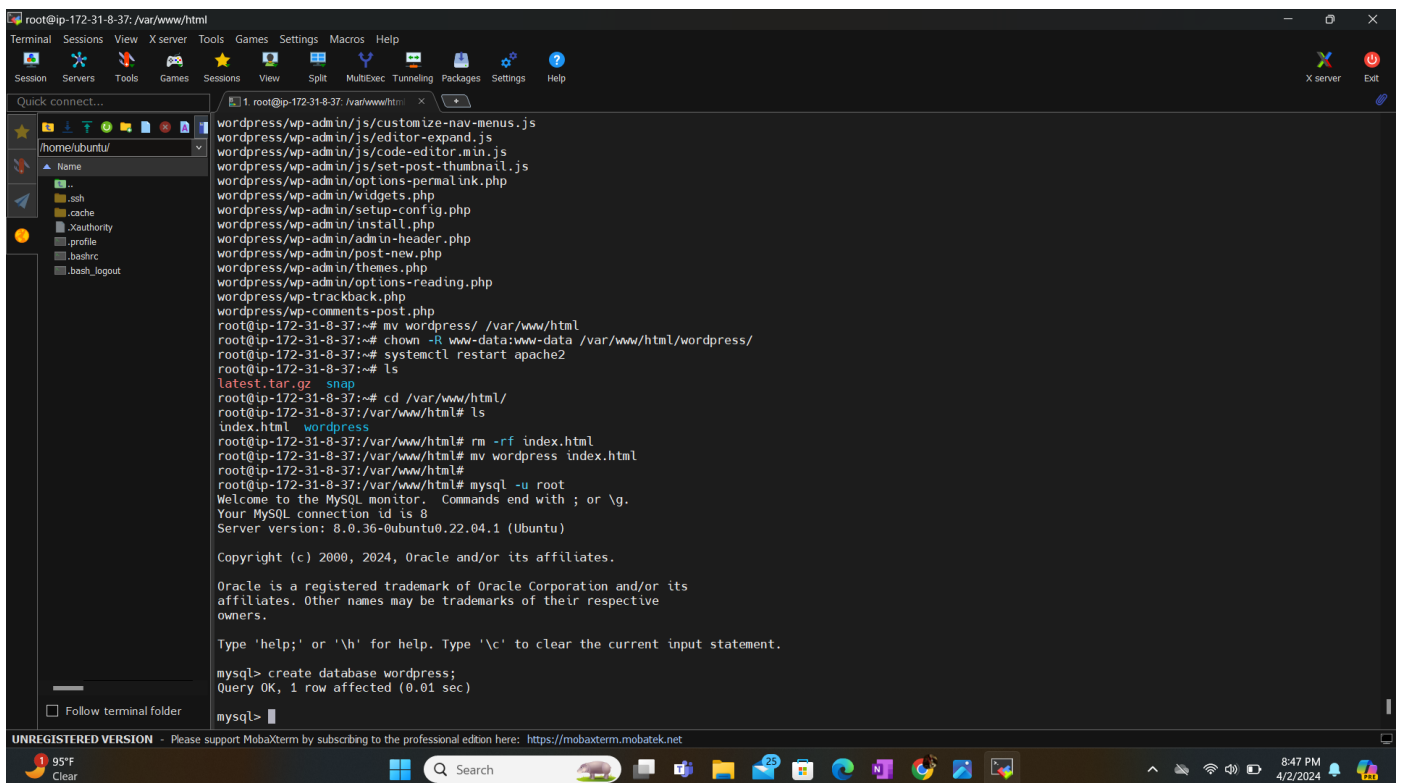
Public IPv4 address: 13.201.191.30 (open address)

Private IPv4 addresses: 172.31.8.37

Public IPv4 DNS: ec2-13-201-191-30.ap-south-1.compute.amazonaws.com (open address)

Instance state: Running

Private IP DNS name (IPv4 only): -



The screenshot shows a terminal window with the following commands and output:

```
root@ip-172-31-8-37: /var/www/html
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
root@ip-172-31-8-37:~# mv wordpress /var/www/html
root@ip-172-31-8-37:~# chown -R www-data:www-data /var/www/html/wordpress/
root@ip-172-31-8-37:~# systemctl restart apache2
root@ip-172-31-8-37:~# ls
latest.tar.gz snap
root@ip-172-31-8-37:~# cd /var/www/html/
root@ip-172-31-8-37:/var/www/html# ls
index.html wordpress
root@ip-172-31-8-37:/var/www/html# rm -rf index.html
root@ip-172-31-8-37:/var/www/html# mv wordpress index.html
root@ip-172-31-8-37:/var/www/html# mysql -u root
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-0ubuntu0.22.04.1 (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> create database wordpress;
Query OK, 1 row affected (0.01 sec)

mysql>
```

```
root@ip-172-31-8-37: /var/www/html
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
1 root@ip-172-31-8-37: /var/www/html x
/home/ubuntu/
Name
.ssh
.cache
.xauthority
.profile
.bashrc
.bash_logout
Follow terminal folder
root@ip-172-31-8-37: /var/www/html# mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.36-0ubuntu0.22.04.1 (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> create database wordpress;
Query OK, 1 row affected (0.01 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sys |
| wordpress |
+-----+
5 rows in set (0.01 sec)

mysql> use wordpress;
Database changed
mysql> CREATE USER 'bhagyashree'@'localhost' IDENTIFIED BY 'guddu123';
Query OK, 0 rows affected (0.02 sec)

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

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

mysql> quit
Bye
root@ip-172-31-8-37: /var/www/html#
```

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