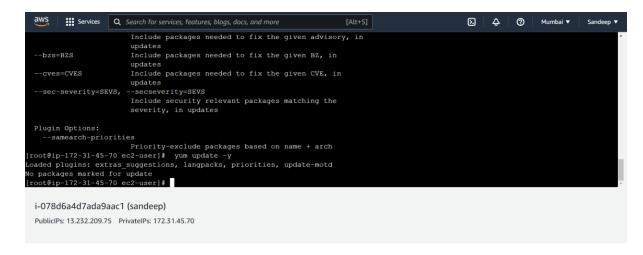
Experiment 2 - Creating Amazon EC2 Instances - Creating a LAMP Instance in the AWS CLI

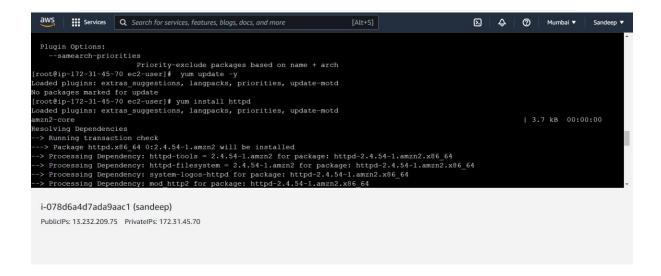
AIM: To create a LAMP instance in the AWS CLI.

PROCEDURE:

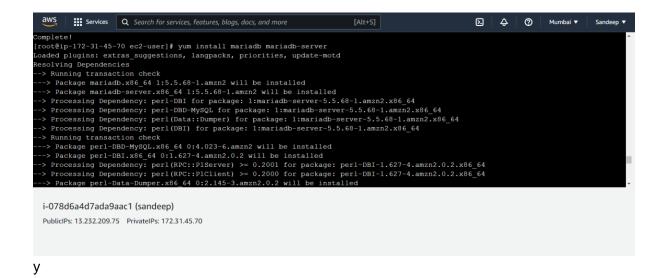
- 1. Firstly, type sudo su to become the root user.
- 2. To update all the packages in your instance type "yum update -y".



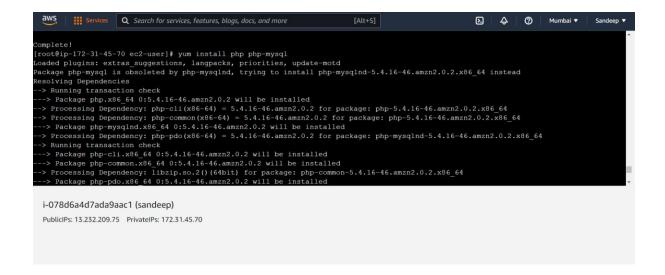
To install Apache server in linux, type "yum install httpd".



4. To install mysql or mariadb type "yum install mariadb mariadb-server".



5. To install php, type "yum install php php-mysql".



Type "yum search php" to see all the packages installed in the server.

```
Services Q Search for services, features, blogs, docs, and more
```

sm

7. Enabling the mariadb server.w

```
ot@ip-172-31-32-239 ec2-user]#
[root@ip-172-31-32-239 ec2-user]# systemctl start mariadb
[root@ip-172-31-32-239 ec2-user]# systemctl enable mariadb
Created symlink from /etc/systemd/system/multi-user.target.wants/mariadb.service to /usr/lib/
systemd/system/mariadb.service
[root@ip-172-31-32-239 ec2-user]#
[root@ip-172-31-32-239 ec2-user]#
[root@ip-172-31-32-239 ec2-user]#
root@ip-172-31-32-239 ec2-user]#
```

After enabling httpd (apache server), go to the directory where cd /var/www/html/

9. Go to vim and type "<?php phpinfo(); ?>".

```
root@ip-172-31-32-239:/var/www/html

[root@ip-172-31-32-239 ec2-user]# cd /var/www/html/

[root@ip-172-31-32-239 html]# ls

[root@ip-172-31-32-239 html]# pwd

/var/www/html

[root@ip-172-31-32-239 html]#

[root@ip-172-31-32-239 html]#

[root@ip-172-31-32-239 html]#

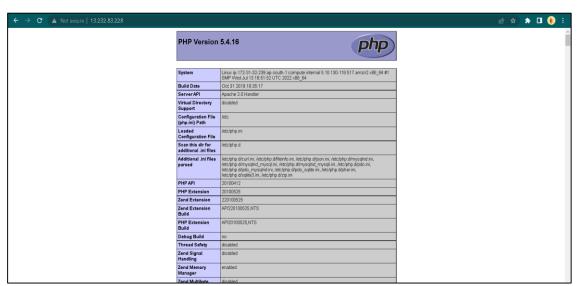
[root@ip-172-31-32-239 html]#

[root@ip-172-31-32-239 html]#

[root@ip-172-31-32-239 html]# vim index.php
```

Copy the public ip address or public domain name from the console and paste in the web browser.

OUTPUT:



RESULT:

LAMP instance was successfully created and executed in AWS CLI.