DCN Experiment -2

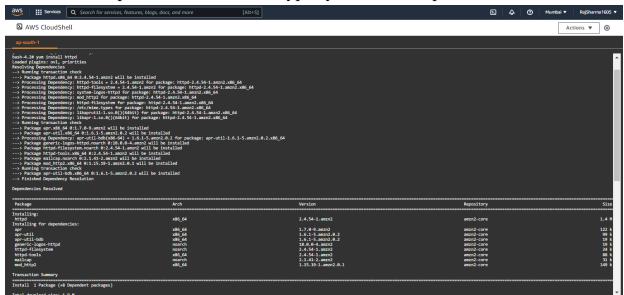
AIM: To create a LAMP instance in the AWS CLI.

PROCEDURE:

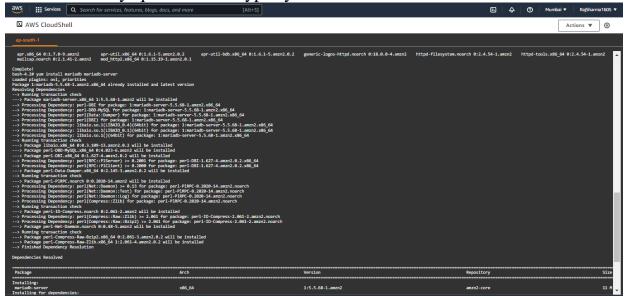
- 1. Firstly, type sudo su to become the root user.
- 2. To update all the packages in your instance type "yum update -y".



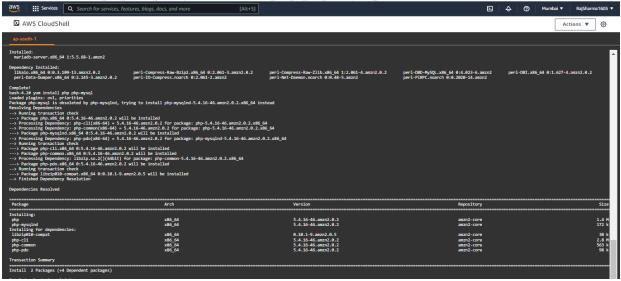
3. To install Apache server in linux, type "yum install httpd



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



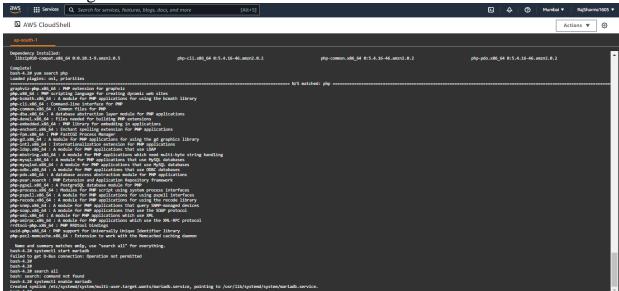
5. To install php, type "yum install php php-mysql".



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



7. Enabling the mariadb server.



- 8. After enabling httpd (apache server) , go to the directory where cd /var/www/html/
- 9. Go to vim and type "vim index.php".

```
php-mbstring, x86 64: A module for PHP applications which need multi-byte string handling
php-mysqln.x86 64: A module for PHP applications that use MySQL databases
php-ode, x86 64: A module for PHP applications that use MySQL databases
php-ode, x86 64: A module for PHP applications that use MySQL databases
php-ode, x86 64: A database access abstraction module for PHP applications
php-psql.x86 64: A database access abstraction module for PHP applications
php-psql.x86 64: A module for PHP applications for using system
php-process.x86 64: A module for PHP applications for using pspell interfaces
php-pspell,x86 64: A module for PHP applications for using pspell interfaces
php-psql.x86 64: A module for PHP applications for using before the record library
php-snmp,x86 64: A module for PHP applications that use the SOAP protocol
php-sml,x86 64: A module for PHP applications which use XML
php-sml,x86 64: A module for PHP applications which use the XML-RPC protocol
rrdtool-php,x86 64: PHP RRDtool bindings
uid-php,x86 64: PHP RRDtool bindings
uid-php,x86 64: PHP RRDtool bindings
uid-php,x86 64: PHP RRDtool bindings

Name and summary matches only, use "search all" for everything.
[root8ip-172-31-95-84 ec2-user]* systemctl start mariadb
[root8ip-172-31-95-84 ec2-user]* systemctl start mariadb
[root8ip-172-31-95-84 ec2-user]* dystemctl enable mariadb.service to /usr/lib/systemd/system/mariadb.service.
[root8ip-172-31-95-84 html]* pud
/var/www/html
[root8ip-172-31-95-84 html]* pud
/var/www/html
[root8ip-172-31-95-84 html]* yim index.php
```

Output:



RESULT: LAMP instance was successfully created and executed in AWS CLI.