Name: Priyanshu Maheshwari

Reg. No.: RA2011028010091

**Batch: CSE-K2** 

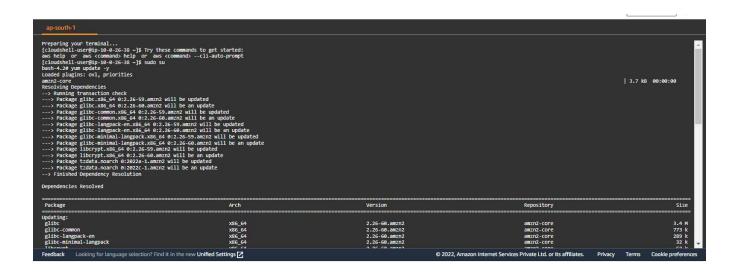
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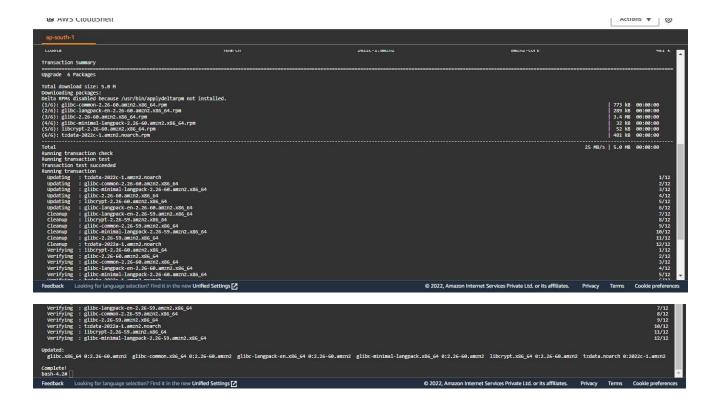
## Experiment 2 - Creating Amazon EC2 Instances - Creating a LAMP Instance in the AWS CLI

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

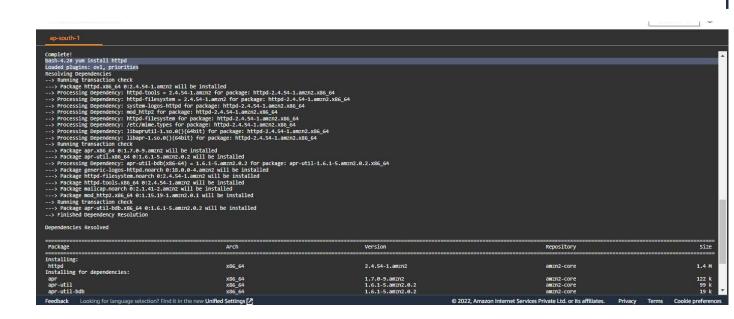
## **PROCEDURE:**

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





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



```
Package Arch Version Repository Size

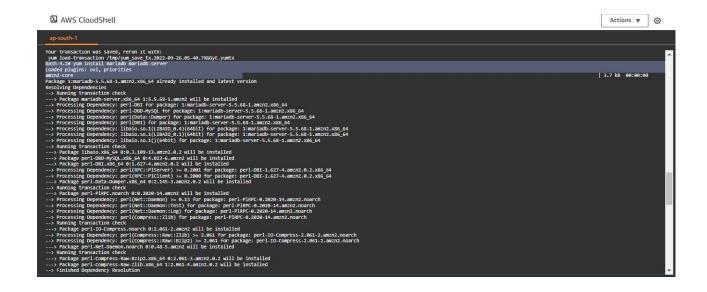
Installing:
httpd X86_64 2.4.54-1.amcn2 amcn-core 1.4 M
Installing for dependencies:

apr x86_64 1.5.1-5.amcn2.0.2 amcn-core 99 k
apr-util-bd X86_64 1.6.1-5.amcn2.0.2 amcn-core 19 k
apr-util-bd X86_64 1.6.1-5.amcn2.0.2 amcn-core 19 k
httpd:-logos-httpd noarch 18.0.0-4.amcn2 amcn-core 19 k
httpd:-filesystem noarch 2.4.54-1.amcn2 amcn-core 24 k
mailcap noarch 2.4.54-1.amcn2 amcn-core 38 k
mailcap noarch 2.1.41-2.amcn2 amcn-core 31 k
mailcap noarch 1.15.19-1.amcn2.0.1 amcn-core 149 k
Transaction Summary

Install 1 Package (48 Dependent packages)

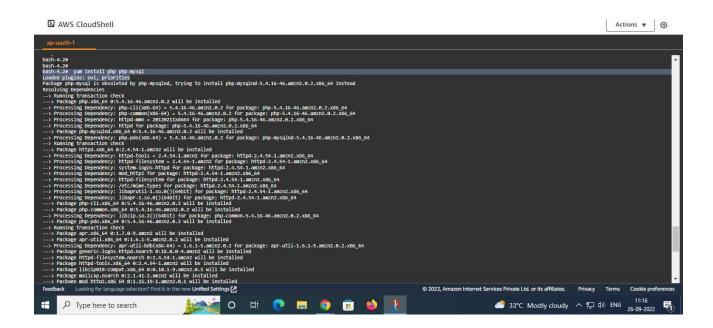
Total download size: 1.9 M
Installed size: 5.2 M
Is this ok {y/d/N};
```

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

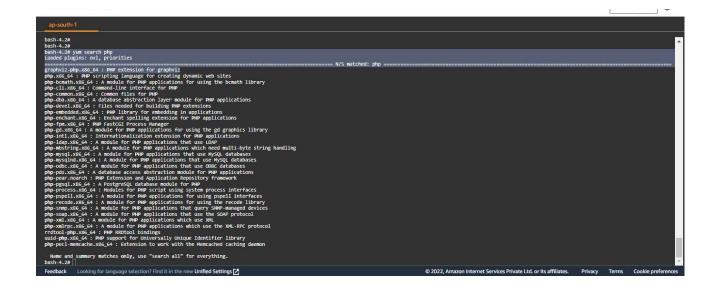


ap-south-1				
nstalling:				
mariadb-server	x86_64	1:5.5.68-1.amzn2	amzn2-core	
stalling for dependencies:				
ibaio	x86_64	0.3.109-13.amzn2.0.2	amzn2-core	24
erl-Compress-Raw-Bzip2	x86_64	2.061-3.amzn2.0.2	amzn2-core	32
erl-Compress-Raw-Zlib	x86_64	1:2.061-4.amzn2.0.2	amzn2-core	58
erl-DBD-MySQL	x86_64	4.023-6.amzn2	amzn2-core	141
erl-DBI	x86_64	1.627-4.amzn2.0.2	amzn2-core	804
erl-Data-Dumper	x86_64	2.145-3.amzn2.0.2	amzn2-core	48
erl-IO-Compress	noarch	2.061-2.amzn2	amzn2-core	268
erl-Net-Daemon	noarch	0.48-5.amzn2	amzn2-core	
erl-PlRPC	noarch	0.2020-14.amzn2	amzn2-core	36
ransaction Summary				
nstall 1 Package (+9 Dependent packages)				
otal download size: 13 M				
istalled size: 61 M				
s this ok [y/d/N]: y				
wnloading packages:				
//10): libaio-0.3.109-13.amzn2.0.2.x86 64.r				24 kB 00:00:00
//10): 110010-0.3.109-13.0m2n2.0.2.x86_64.r				32 kB 00:00:00
:/10): peri-compress-Raw-Bzipz-z.061-3.amzn :/10): perl-Compress-Raw-Zlib-2.061-4.amzn2				58 kB 00:00:00
/10): perl-DBD-MySOL-4.023-6.amzn2.x86 64.				141 kg ee:ee:ee
/10): perl-DBI-1.627-4.amzn2.0.2.x86 64.rp				884 kB 00:00:00
/10): perl-Data-Dumper-2.145-3.amzn2.0.2.x				48 kB 00:00:00
/10): perl-Data-Dumper-2.145-3.amzn2.0.2.X /10): perl-IO-Compress-2.061-2.amzn2.noarc				260 kB 00:00:00
/10): per1-10-Compress-2.061-2.amzn2.noarc /10): per1-Net-Daemon-0.48-5.amzn2.noarch.				51 kg ee:ee:ee
/10): perl-Net-Daemon-0.48-5.amznz.noarch.rp /10): perl-PlRPC-0.2020-14.amzn2.noarch.rp				35 kB 00:00:00
0/10): peri-PikPC-0.2020-14.amzn2.noarch.rp				11 MB 00:00:00
6/16/1. Mai 1000-36/VET-5.5.66-1.8M2/12.X66_6				11 PE 00.00.00
otal				MB/s   13 MB 00:00:00

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



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



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