

Assignment-Day 01

01: Instances Dashboard

The screenshot shows the AWS Management Console for the us-east-2 region. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, and AMIs. The main content area displays the 'Instances (1/1)' dashboard. A table lists the instance 'WebServer' with ID 'i-03ebab56e7fbd8d6', state 'Running', type 't2.micro', and status '2/2 checks passed'. Below the table, the 'Instance: i-03ebab56e7fbd8d6 (WebServer)' details are shown. The 'Details' tab is active, displaying the 'Instance summary' with fields for Instance ID, Instance state, Instance type, Public IPv4 address, Public IPv4 DNS, Private IPv4 addresses, Private IPv4 DNS, Elastic IP addresses, and VPC ID. The Public IPv4 address '18.220.237.129' is highlighted with a red circle.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
WebServer	i-03ebab56e7fbd8d6	Running	t2.micro	2/2 checks passed	No alarms	us-east-2c

Instance: i-03ebab56e7fbd8d6 (WebServer)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

▼ Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-03ebab56e7fbd8d6 (WebServer)	18.220.237.129 open address	172.31.43.183
Instance state	Public IPv4 DNS	Private IPv4 DNS
Running	ec2-18-220-237-129.us-east-2.compute.amazonaws.com open address	ip-172-31-43-183.us-east-2.compute.internal
Instance type	Elastic IP addresses	VPC ID

02: Instances Dashboard(Public IP)

The screenshot shows the AWS Management Console for the us-east-2 region. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, and AMIs. The main content area displays the 'Instances (1/1)' dashboard. A table lists the instance 'WebServer' with ID 'i-03ebab56e7fbd8d6', state 'Running', type 't2.micro', and status '2/2 checks passed'. Below the table, the 'Instance: i-03ebab56e7fbd8d6 (WebServer)' details are shown. The 'Details' tab is active, displaying the 'Instance summary' with fields for Instance ID, Instance state, Instance type, Public IPv4 address, Public IPv4 DNS, Private IPv4 addresses, Private IPv4 DNS, Elastic IP addresses, and VPC ID. The Public IPv4 address '18.220.237.129' is highlighted with a red circle.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
WebServer	i-03ebab56e7fbd8d6	Running	t2.micro	2/2 checks passed	No alarms	us-east-2c

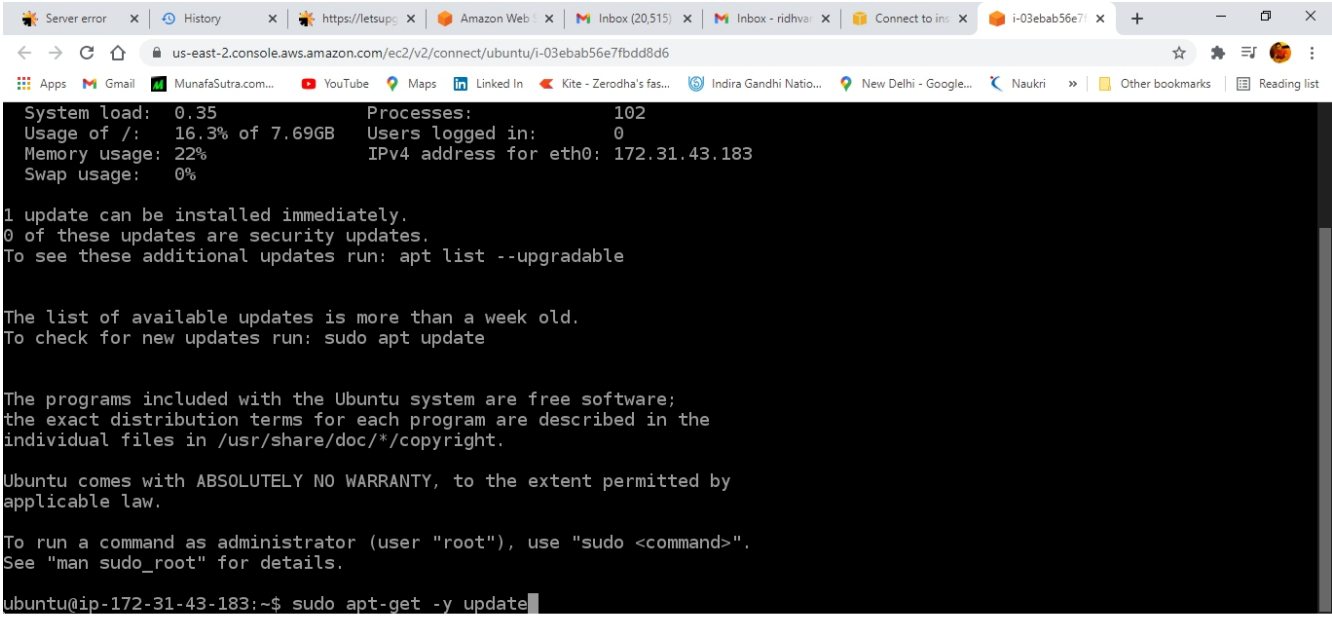
Instance: i-03ebab56e7fbd8d6 (WebServer)

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

▼ Instance summary Info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-03ebab56e7fbd8d6 (WebServer)	18.220.237.129 open address	172.31.43.183
Instance state	Public IPv4 DNS	Private IPv4 DNS
Running	ec2-18-220-237-129.us-east-2.compute.amazonaws.com open address	ip-172-31-43-183.us-east-2.compute.internal
Instance type	Elastic IP addresses	VPC ID

03: Ubuntu Commands(Update)



```
System load: 0.35          Processes: 102
Usage of /: 16.3% of 7.69GB Users logged in: 0
Memory usage: 22%         IPv4 address for eth0: 172.31.43.183
Swap usage: 0%

1 update can be installed immediately.
0 of these updates are security updates.
To see these additional updates run: apt list --upgradable

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.

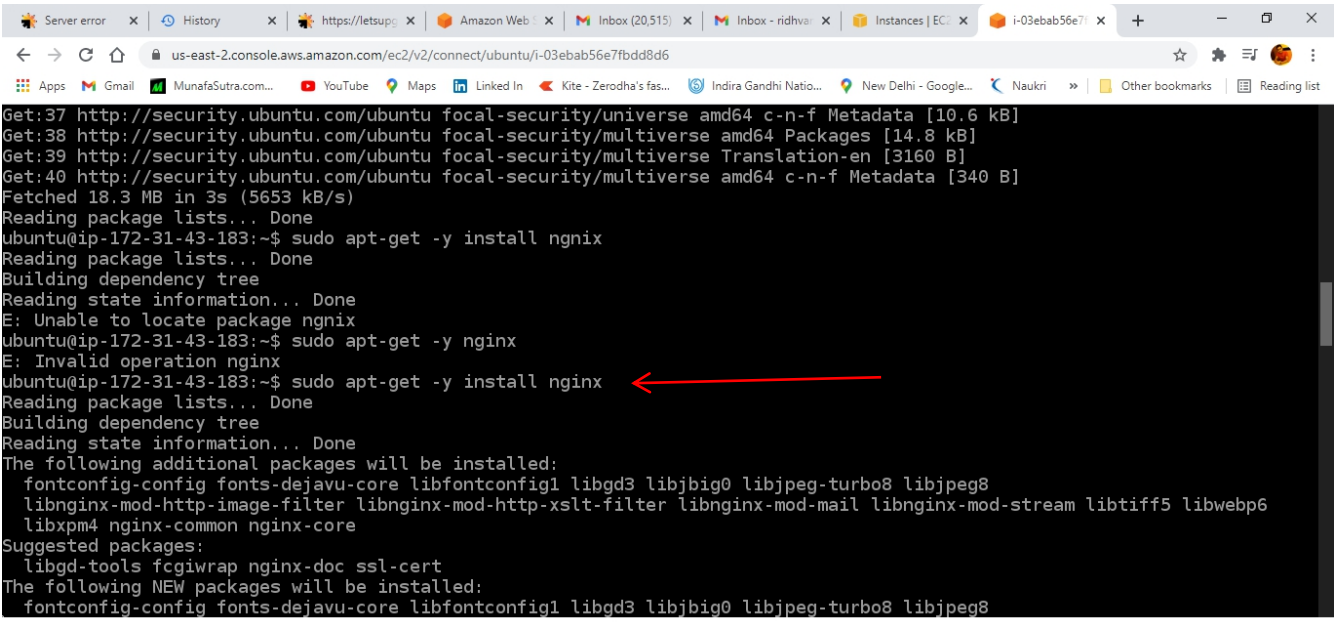
ubuntu@ip-172-31-43-183:~$ sudo apt-get -y update
```

i-03ebab56e7fbdd8d6 (WebServer)

Public IPs: 18.220.237.129 Private IPs: 172.31.43.183

Activate Windows
Go to Settings to activate Windows.

04: Ubuntu Commands(Nginx)



```
Get:37 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [10.6 kB]
Get:38 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [14.8 kB]
Get:39 http://security.ubuntu.com/ubuntu focal-security/multiverse Translation-en [3160 B]
Get:40 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 c-n-f Metadata [340 B]
Fetched 18.3 MB in 3s (5653 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-43-183:~$ sudo apt-get -y install nginx
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package nginx
ubuntu@ip-172-31-43-183:~$ sudo apt-get -y nginx
E: Invalid operation nginx
ubuntu@ip-172-31-43-183:~$ sudo apt-get -y install nginx
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  fontconfig-config fonts-dejavu-core libfontconfig1 libgd3 libjpeg-turbo8 libjpeg8
  libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libtiff5 libwebp6
  libxpm4 nginx-common nginx-core
Suggested packages:
  libgd-tools fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  fontconfig-config fonts-dejavu-core libfontconfig1 libgd3 libjpeg-turbo8 libjpeg8
```

i-03ebab56e7fbdd8d6 (WebServer)

Public IPs: 18.220.237.129 Private IPs: 172.31.43.183

Activate Windows
Go to Settings to activate Windows.

05: Nginx Page

