

QUESTION 1:

Explain life cycle effects on instances: Stop, start, reboot, terminate-public IP, Private Ip, and Applications Installed

- 1) Created Windows instance in instance Public IP is 13.234.119.254 and Private IP is 172.31.39.119 and instance state is running.

The screenshot shows the AWS Management Console for the 'Instances' page. The instance 'Windows Server' with ID 'i-00e17b2daa49287ad' is in the 'Running' state. The instance summary shows the following details:

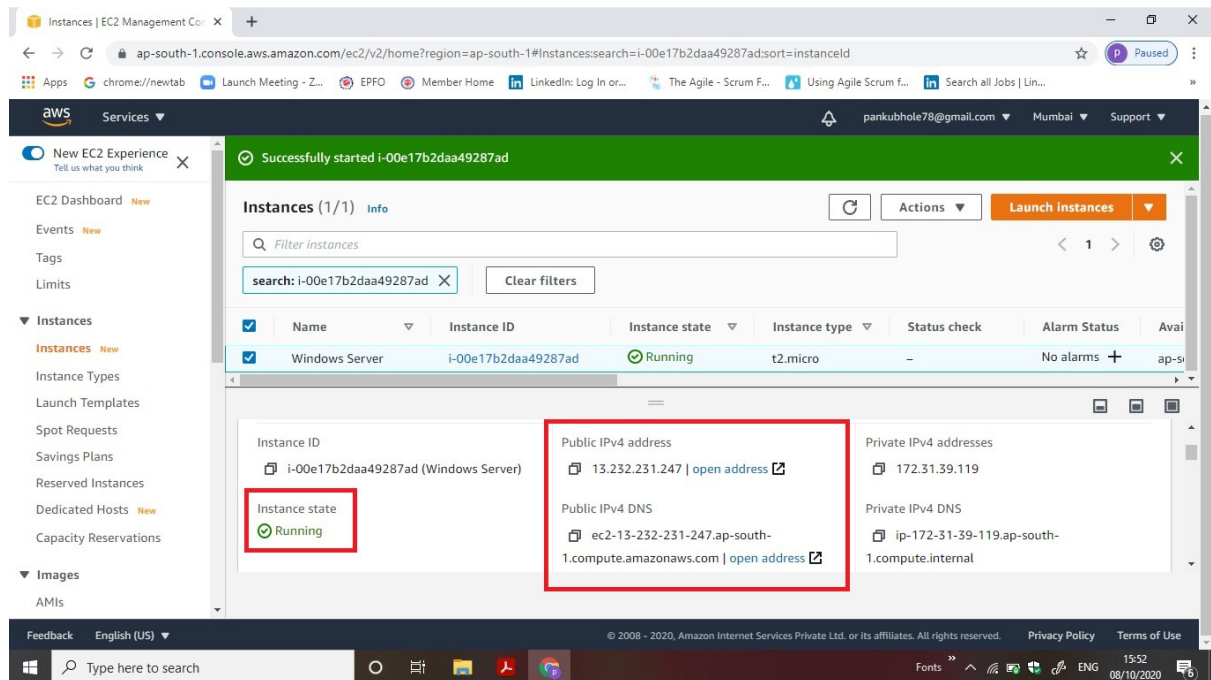
Property	Value
Instance ID	i-00e17b2daa49287ad
Instance state	Running
Instance type	t2.micro
Public IPv4 address	13.234.119.254 open address
Private IPv4 addresses	172.31.39.119
Public IPv4 DNS	ec2-13-234-119-254.ap-south-1.compute.amazonaws.com open address
Private IPv4 DNS	ip-172-31-39-119.ap-south-1.compute.internal
Elastic IP addresses	
VPC ID	

- 2) After Stop Instance Screen in this screen Public ip is lost after instance stopped and instance state is stopped but Private ip is same as it is like 172.31.39.119.

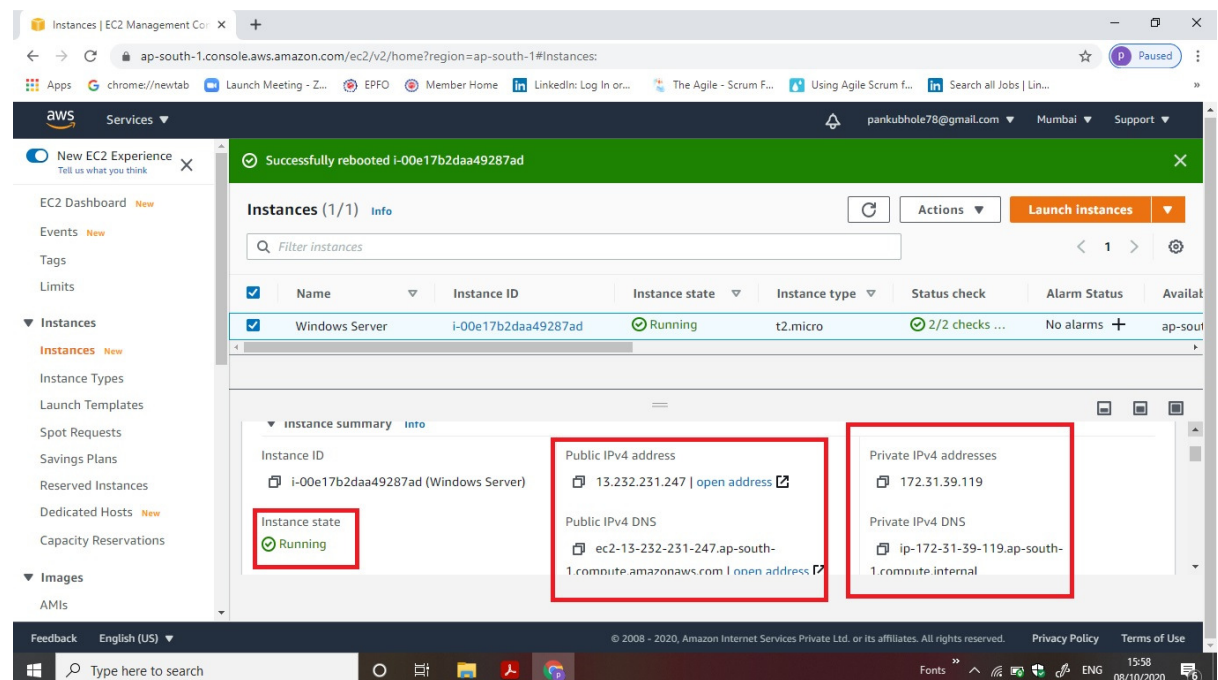
The screenshot shows the AWS Management Console for the 'Instances' page. The instance 'Windows Server' with ID 'i-00e17b2daa49287ad' is in the 'Stopped' state. The instance summary shows the following details:

Property	Value
Instance ID	i-00e17b2daa49287ad (Windows Server)
Instance state	Stopped
Instance type	t2.micro
Public IPv4 address	-
Private IPv4 addresses	172.31.39.119
Public IPv4 DNS	-
Private IPv4 DNS	ip-172-31-39-119.ap-south-1.compute.internal
Elastic IP addresses	
VPC ID	

- 3) After starting instance in this screen Public IP is changed as instance created .please verify Public IP first screen and third screen like Public IP – 13.232.231.247 and Private IP - 172.31.39.119.



- 4) After Reboot instance screen in this screen is same as first screen and fourth screen is only change public ip.



5) In this screen lost the Public IP and Private IP after terminated instance.

The screenshot displays the AWS Management Console for the 'ap-south-1' region. A green banner at the top indicates 'Successfully terminated i-00e17b2daa49287ad'. Below this, the 'Instances (1/1)' table shows a single instance named 'Windows Server' with ID 'i-00e17b2daa49287ad'. The 'Instance state' column shows 'Terminated' with a red stop icon, and the 'Status check' column shows a red 'X' icon. The 'Instance summary' section below the table shows the instance ID and name, but the 'Public IPv4 address' and 'Private IPv4 addresses' fields are empty, indicating they were lost upon termination. The 'Instance state' field also shows 'Terminated' with a red stop icon. The Windows taskbar at the bottom shows the date as 08/10/2020 and the time as 16:01.

Name	Instance ID	Instance state	Instance type	Status check	Alarm Status	Availability
Windows Server	i-00e17b2daa49287ad	Terminated	t2.micro	-	No alarms	ap-south-1

Instance summary

Instance ID: i-00e17b2daa49287ad (Windows Server)

Instance state: Terminated

Public IPv4 address: -

Public IPv4 DNS: -

Private IPv4 addresses: -

Private IPv4 DNS: -

6)