

UE20CS351 - Cloud Computing Lab

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PES2UG20CS081
SECTION - 6B

LAB 1

1.Summary of instance before launching

▼ Summary

Number of instances [Info](#)

Software Image (AMI)

Amazon Linux 2 Kernel 5.10 AMI...[read more](#)
ami-0b5eea76982371e91

Virtual server type (instance type)



t2.micro

Firewall (security group)

New security group

Storage (volumes)

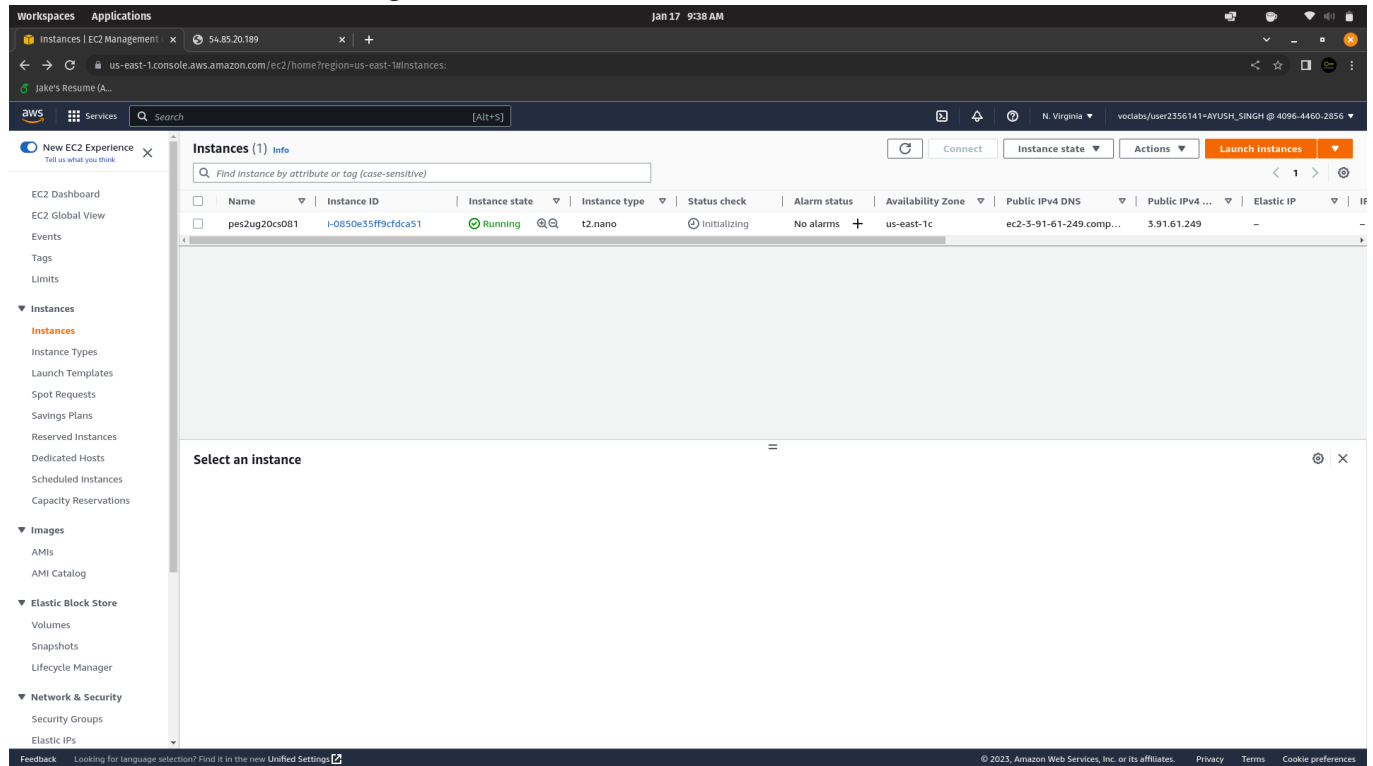
1 volume(s) - 8 GiB

 **Free tier:** In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet. 

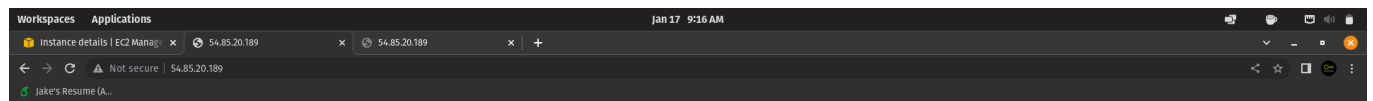
Cancel

Launch instance

2.E2C Instance in Running State



3.Web Server browser with message displaying



Hello From Your Web Server!



4. Showing instance volume resized

The screenshot shows the AWS Management Console interface. On the left, the navigation menu includes 'Instances', 'Images', 'Elastic Block Store', and 'Network & Security'. The main content area displays the 'Instances (1/1)' list with a table containing one instance: 'pes2ug20cs081' with Instance ID 'i-0850e35ff9cfdca51' and Instance type 't2.nano'. Below the table, the 'Storage' tab is selected for the instance 'i-0850e35ff9cfdca51 (pes2ug20cs081)'. The 'Block devices' section shows a table with one device: 'vol-0fdb45198234e6f8' with Device name '/dev/xvda' and Volume size (GiB) of 10. The 'Attachment status' is 'Attached'.

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 DNS | Public IPv4 ... | Elastic IP |
|---------------|---------------------|----------------|---------------|--------------|--------------|-------------------|-----------------|-----------------|------------|
| pes2ug20cs081 | i-0850e35ff9cfdca51 | Pending | t2.nano | - | No alarms | us-east-1c | - | 54.165.180.198 | - |

| Volume ID | Device name | Volume size (GiB) | Attachment status | Attachment time | Encrypted | KMS key ID | Delete on termination |
|----------------------|-------------|-------------------|-------------------|-------------------------------|-----------|------------|-----------------------|
| vol-0fdb45198234e6f8 | /dev/xvda | 10 | Attached | Tue Jan 17 2023 08:51:39 G... | No | - | Yes |

5. EC2 instance in stopped state

The screenshot shows the AWS Management Console interface. The main content area displays the 'Instances (1/1)' list with a table containing one instance: 'pes2ug20cs081' with Instance ID 'i-0850e35ff9cfdca51' and Instance type 't2.micro'. The instance state is 'Stopped'. Below the table, the 'Status checks' tab is selected for the instance 'i-0850e35ff9cfdca51 (Ayush Singh)'. The 'Status checks' section shows two checks: 'System status checks' and 'Instance status checks', both with a green checkmark and the text 'check passed'.

| Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone | Public IPv4 DNS | Public IPv4 ... | Elastic IP |
|---------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|-----------------|-----------------|------------|
| pes2ug20cs081 | i-0850e35ff9cfdca51 | Stopped | t2.micro | 2/2 checks passed | No alarms | us-east-1c | - | 54.85.20.189 | - |

Status checks

Status checks detect problems that may impair i-0850e35ff9cfdca51 (Ayush Singh) from running your applications.

System status checks: System reachability check passed

Instance status checks: Instance reachability check passed

Report the instance status if our checks do not reflect your experience with this instance or if they do not detect issues you are having.

[Report instance status](#)