

## UE20CS351-CC LAB-1

NAME	SRN	CLASS & SECTION
VIJAY J	PES2UG20CS815	6 - J

### Summary of instance before launching (Review Instance Launch):

1a.

aws Services Search [Alt+S] N. Virginia voclabs/user2365178=PES2UG20CS815\_VIJAY\_J @ 4739-9336-6235

Allow tags in metadata [Info](#)  
Disable

User data [Info](#)

```
#!/bin/bash
yum -y install httpd
systemctl enable httpd
systemctl start httpd
echo "<html><h1>Hello From Your Web Server!</h1></html>" > /var/www/html/index.html
```

☐ User data has already been base64 encoded

**▼ Summary**

Number of instances [Info](#)  
1

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

Cancel Launch instance

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### EC2 instance in running state

2a.

aws Services Search [Alt+S] N. Virginia voclabs/user2365178=PES2UG20CS815\_VIJAY\_J @ 4739-9336-6235

New EC2 Experience Tell us what you think

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

▼ Instances

Instances

Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

**Instances (1)** [Info](#) [Refresh](#) [Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
<input type="checkbox"/>	Web-Server	i-0ecdb66adb350aff7	Running	t2.micro	Initializing	No alarms	us-east-1a

Select an instance

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2b.

The screenshot shows the AWS Management Console interface. On the left is a navigation menu with options like 'EC2 Dashboard', 'EC2 Global View', 'Events', 'Tags', 'Limits', and 'Instances'. The main panel is titled 'Instances (1/1) Info'. It contains a table with one instance: 'Web-Server' with ID 'i-0ecdb66adb350aff7', state 'Running', type 't2.micro', and '2/2 checks passed'. Below the table, the 'Instance: i-0ecdb66adb350aff7 (Web-Server)' details are shown. The 'Details' tab is active, displaying a summary of the instance's configuration, including its ID, public IPv4 address (54.87.237.24), private IPv4 addresses (10.0.1.232), and public IPv4 DNS (ec2-54-87-237-24.compute-1.amazonaws.com).

Web server browser with the message displaying

3a.

The screenshot shows a web browser window with a green address bar. The address bar displays 'Not secure | 54.87.237.24'. The browser's tab bar shows several open tabs, including 'Gmail', 'YouTube', 'Maps', 'Translate', 'PESU Resource...', 'PES University', 'FileCR - THE BL...', 'ISORIVER - Do...', 'Software Re...', and 'List of Badges...'. The main content area of the browser displays the message 'Hello From Your Web Server!'.

Hello From Your Web Server!

## Showing the instance volume resized

### 4a.

The screenshot shows the AWS Management Console interface. At the top, a green banner indicates "Successfully stopped i-0ecdb66adb350aff7". Below this, the "Instances (1/1)" page is displayed. The instance "Web-Server" (ID: i-0ecdb66adb350aff7) is shown in a "Running" state. The "Block devices" section shows a volume "vol-091656a8890c53b34" attached to the device "/dev/xvda" with a size of 10 GiB. The "Recent root volume replacement tasks" section is visible at the bottom.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Web-Server	i-0ecdb66adb350aff7	Running	t2.nano	2/2 checks passed	No alarms	us-east-1a

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KN
vol-091656a8890c53b34	/dev/xvda	10	Attached	Fri Jan 20 2023 14:23:41 GM...	No	-

## EC2 instance in stopped state

### 5a.

The screenshot shows the AWS Management Console interface. The instance "Web-Server" (ID: i-0ecdb66adb350aff7) is now in a "Stopped" state. The "Details" tab is selected, showing the instance summary. The "Instance state" is "Stopped". The "Public IPv4 address" is "10.0.1.232". The "Private IPv4 addresses" are "10.0.1.232". The "Public IPv4 DNS" is "10.0.1.232".

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Web-Server	i-0ecdb66adb350aff7	Stopped	t2.micro	-	No alarms	us-east-1a

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0ecdb66adb350aff7 (Web-Server)	-	10.0.1.232

Instance state	Public IPv4 DNS
Stopped	-

5b.

The screenshot displays the AWS Management Console interface. At the top, the navigation bar includes the AWS logo, 'Services', a search bar, and the current region 'N. Virginia'. A notification banner at the top left reads 'New EC2 Experience Tell us what you think'. The left-hand navigation menu lists various EC2-related options: EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, and Capacity Reservations. The main content area shows the 'Instances' page with a table of 1 instance. The instance 'Web-Server' (ID: i-0ecdb66adb350aff7) is in a 'Stopped' state. Below the table, the 'Details' tab for this instance is expanded, showing its summary information.

**Instances (1/1)** Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
Web-Server	i-0ecdb66adb350aff7	Stopped	t2.nano	2/2 checks passed	No alarms	us-east-1a

**Instance: i-0ecdb66adb350aff7 (Web-Server)**

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

**Instance summary** Info

Instance ID i-0ecdb66adb350aff7 (Web-Server)	Public IPv4 address 54.91.231.38   <a href="#">open address</a>	Private IPv4 addresses 10.0.1.232
IPv6 address -	Instance state Running	Public IPv4 DNS ec2-54-91-231-38.compute-1.amazonaws.com   <a href="#">open address</a>

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