

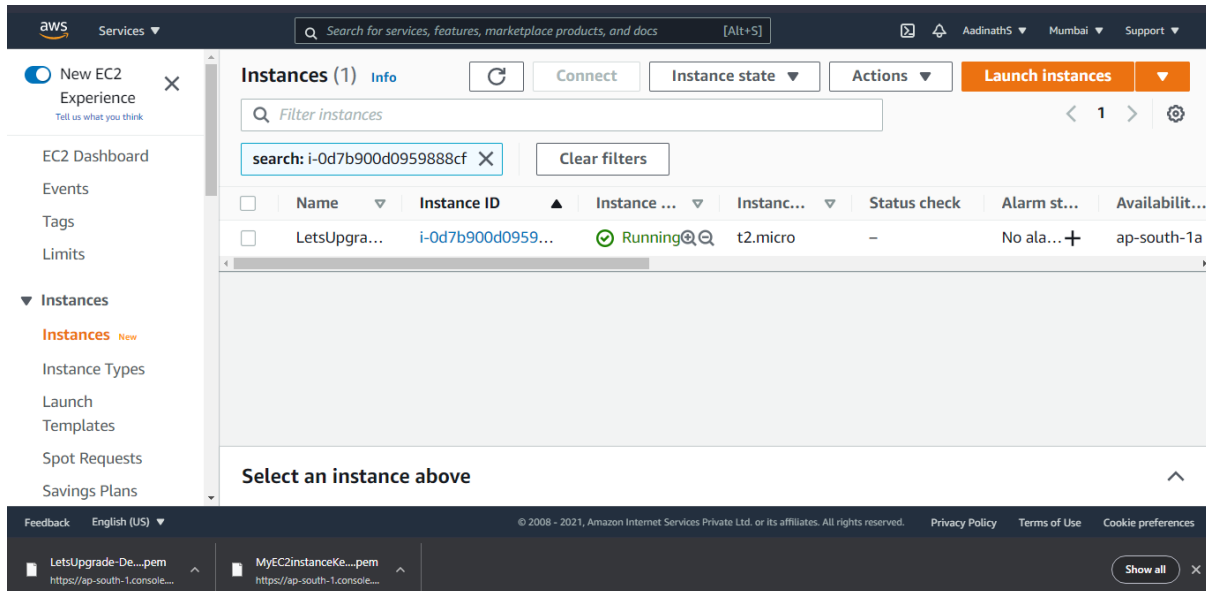
# Assignment No.2

## Working with EC2 Compute

Name – Aadinath Shinde

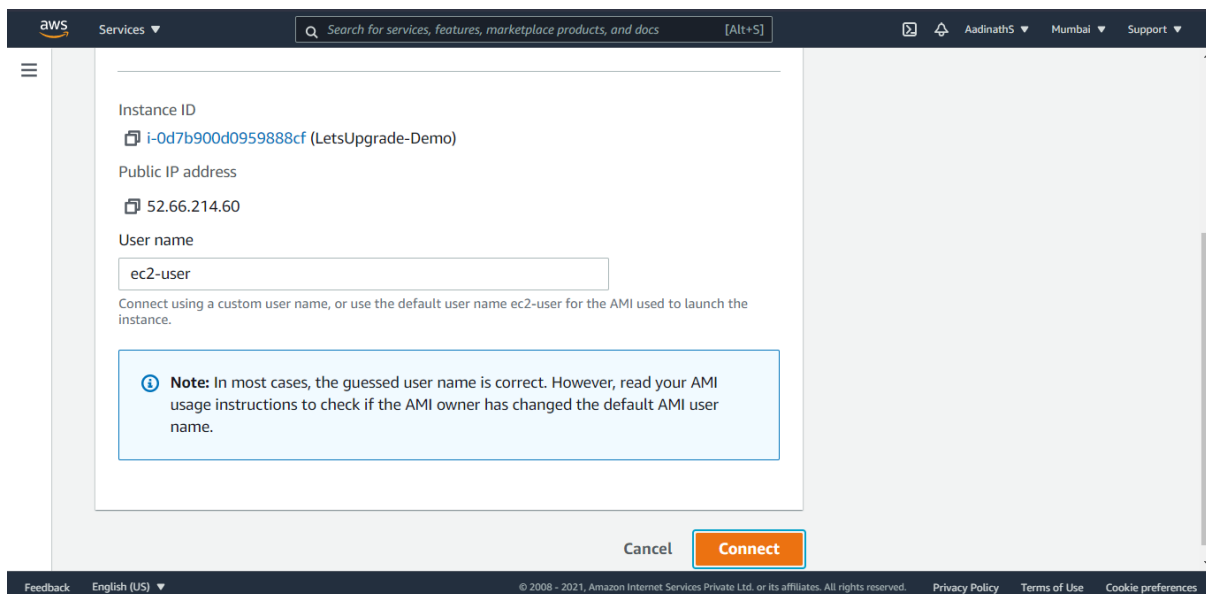
### 1. Creating EC2 Instance

“LetsUpgrade-Demo” name EC2 instance created



### 2. Connect to an instance and run a system update

Connecting to instance



Last login: Mon Aug 30 08:50:17 2021 from ec2-13-233-177-1.ap-south-1.compute.amazonaws.com

```
 _ _ | _ _ | _ _ |
 _ | ( _ _ | /
 _ | \ _ _ | _ _ |
```

Amazon Linux 2 AMI

<https://aws.amazon.com/amazon-linux-2/>

4 package(s) needed for security, out of 16 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-32-128 ~]\$ sudo yum update

Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd

amzn2-core

| 3.7 kB 00:00:00

Resolving Dependencies

--> Running transaction check

--> Package curl.x86\_64 0:7.61.1-12.amzn2.0.4 will be updated

--> Package curl.x86\_64 0:7.76.1-4.amzn2.0.1 will be an update

--> Package ec2-utils.noarch 0:1.2-44.amzn2 will be updated

--> Package ec2-utils.noarch 0:1.2-45.amzn2 will be an update

--> Package grub2.x86\_64 1:2.06-2.amzn2.0.1 will be obsoleted

--> Package grub2.x86\_64 1:2.06-2.amzn2.0.3 will be obsoleting

--> Package grub2-common.noarch 1:2.06-2.amzn2.0.1 will be updated

--> Package grub2-common.noarch 1:2.06-2.amzn2.0.3 will be an update

--> Package grub2-efi-x64-ec2.x86\_64 1:2.06-2.amzn2.0.1 will be updated

--> Package grub2-efi-x64-ec2.x86\_64 1:2.06-2.amzn2.0.3 will be an update

--> Package grub2-pc.x86\_64 1:2.06-2.amzn2.0.1 will be updated

--> Package grub2-pc.x86\_64 1:2.06-2.amzn2.0.3 will be obsoleting

--> Package grub2-pc-modules.noarch 1:2.06-2.amzn2.0.1 will be updated

i-0d7b900d0959888cf (LetsUpgrade-Demo)

Public IPs: 52.66.214.60

Private IPs: 172.31.32.128

```
Verifying : systemtap-runtime-4.4-1.amzn2.0.1.x86_64 22/29
Verifying : 1:grub2-tools-minimal-2.06-2.amzn2.0.1.x86_64 23/29
Verifying : curl-7.61.1-12.amzn2.0.4.x86_64 24/29
Verifying : 1:grub2-pc-2.06-2.amzn2.0.1.x86_64 25/29
Verifying : kernel-tools-4.14.238-182.422.amzn2.x86_64 26/29
Verifying : libcurl-7.61.1-12.amzn2.0.4.x86_64 27/29
Verifying : 1:grub2-pc-modules-2.06-2.amzn2.0.1.noarch 28/29
Verifying : grubby-8.28-23.amzn2.0.1.x86_64 29/29
```

Installed:

grub2.x86\_64 1:2.06-2.amzn2.0.3  
grub2-tools.x86\_64 1:2.06-2.amzn2.0.3  
grub2-tools-extra.x86\_64 1:2.06-2.amzn2.0.3  
kernel.x86\_64 0:4.14.243-185.433.amzn2

grub2-pc.x86\_64 1:2.06-2.amzn2.0.3  
grub2-tools-efi.x86\_64 1:2.06-2.amzn2.0.3  
grub2-tools-minimal.x86\_64 1:2.06-2.amzn2.0.3

Updated:

curl.x86\_64 0:7.76.1-4.amzn2.0.1  
grub2-common.noarch 1:2.06-2.amzn2.0.3  
grub2-pc-modules.noarch 1:2.06-2.amzn2.0.3  
kernel-tools.x86\_64 0:4.14.243-185.433.amzn2  
systemtap-runtime.x86\_64 0:4.4-1.amzn2.0.2

ec2-utils.noarch 0:1.2-45.amzn2  
grub2-efi-x64-ec2.x86\_64 1:2.06-2.amzn2.0.3  
grubby.x86\_64 0:8.28-23.amzn2.0.2  
libcurl.x86\_64 0:7.76.1-4.amzn2.0.1

Replaced:

grub2.x86\_64 1:2.06-2.amzn2.0.1

grub2-tools.x86\_64 1:2.06-2.amzn2.0.1

Complete!

[ec2-user@ip-172-31-32-128 ~]\$

i-0d7b900d0959888cf (LetsUpgrade-Demo)

Public IPs: 52.66.214.60

Private IPs: 172.31.32.128

### 3. Enable termination protection and check how it works

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services' dropdown, a search bar, and user information. A red error banner at the top states: 'Failed to terminate an instance: The instance 'i-0d7b900d0959888cf' may not be terminated. Modify its 'disableApiTermination' instance attribute and try again.' Below this, the 'Instances (1/1)' page is displayed. It includes a filter bar with 'Instance state: running' selected. A table lists the instance 'LetsUpgra...' with ID 'i-0d7b900d0959...', status 'Running', type 't2.micro', and availability zone 'ap-south-1a'. At the bottom, a card for the instance 'i-0d7b900d0959888cf (LetsUpgrade-Demo)' is visible. The left sidebar contains navigation links for EC2 Dashboard, Events, Tags, Limits, and various instance management options.

aws Services Search for services, features, marketplace products, and docs [Alt+S] AadinathS Mumbai Support


EC2 > Instances > i-0d7b900d0959888cf > Change termination protection

### Change termination protection [Info](#)

Enable termination protection to prevent your instance from being accidentally terminated.

Instance ID  
i-0d7b900d0959888cf (LetsUpgrade-Demo)

Termination protection  
☐ Enable

**Termination protection disabled.**  
The instance is no longer protected against accidental termination. If the instance is terminated, data stored on ephemeral storage is lost.

Cancel **Save**

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#### 4. Disable termination protection and terminate the instance

aws Services Search for services, features, marketplace products, and docs [Alt+S] AadinathS Mumbai Support

New EC2 Experience Tell us what you think

EC2 Dashboard  
Events  
Tags  
Limits

▼ Instances  
Instances **New**  
Instance Types  
Launch  
Templates  
Spot Requests  
Savings Plans  
Reserved  
Instances **New**

✔ Disabled termination protection for i-0d7b900d0959888cf

✔ Successfully terminated i-0d7b900d0959888cf

**Instances (1/2)** [Info](#) [Refresh](#) [Connect](#) [Instance state](#) [Actions](#) **Launch instances**

	Name	Instance ID	Instance ...	Instanc...	Status check	Alarm st...	Availabilit.
<input checked="" type="checkbox"/>	LetsUpgra...	i-0d7b900d0959...	⌚ Shutting	t2.micro	✔ 2/2 checks pa...	No ala...+	ap-south-1i...
<input type="checkbox"/>	MyNewSe...	i-0c80546c0bf17...	⌚ Terminat...	t2.micro	-	No ala...+	ap-south-1i...

**Instance: i-0d7b900d0959888cf (LetsUpgrade-Demo)**

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Thank You