AWS Cloud Computing Zero to Hero

Assignment 2

- Working With EC2

- Create an ec2 instance and display instance details

- Enable termination protection

  - Enabling termination protection
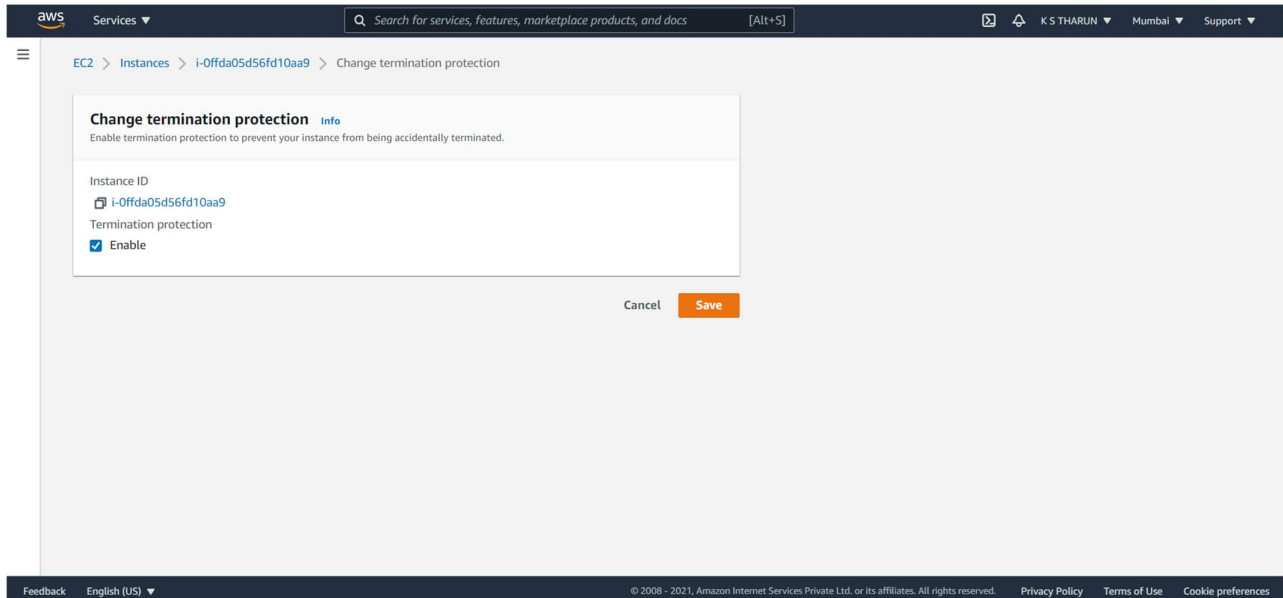
  - Instance failed to terminate as we enabled the termination protection
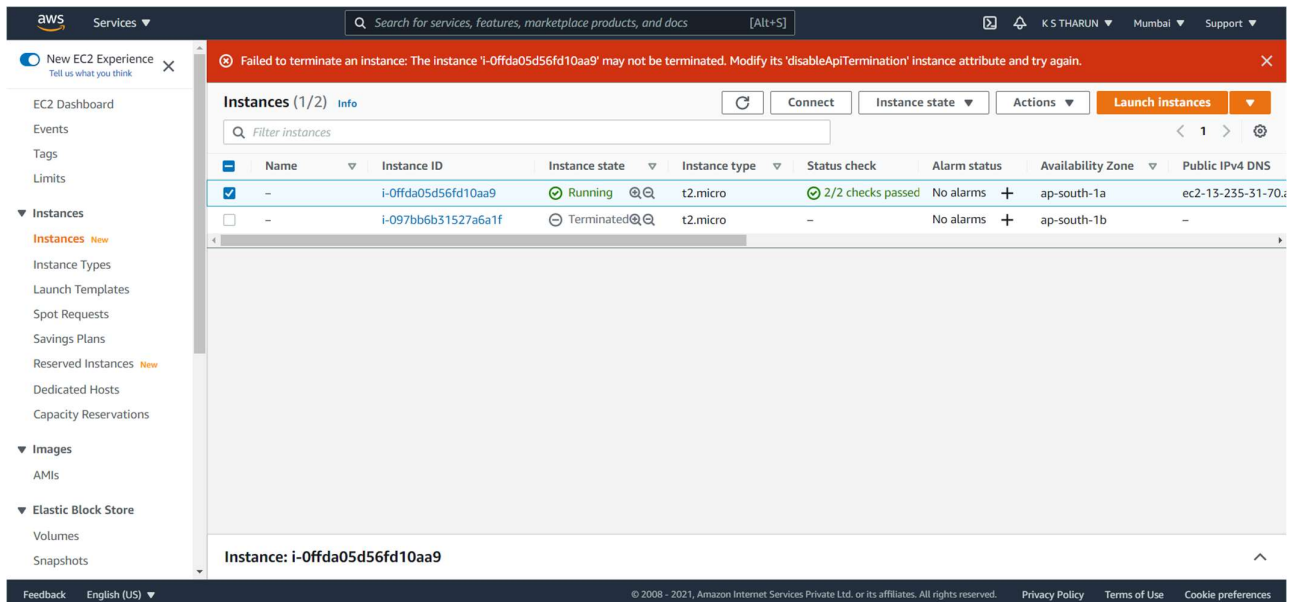
- Terminate you instance after disabling termination protection
  - Disabling termination protection
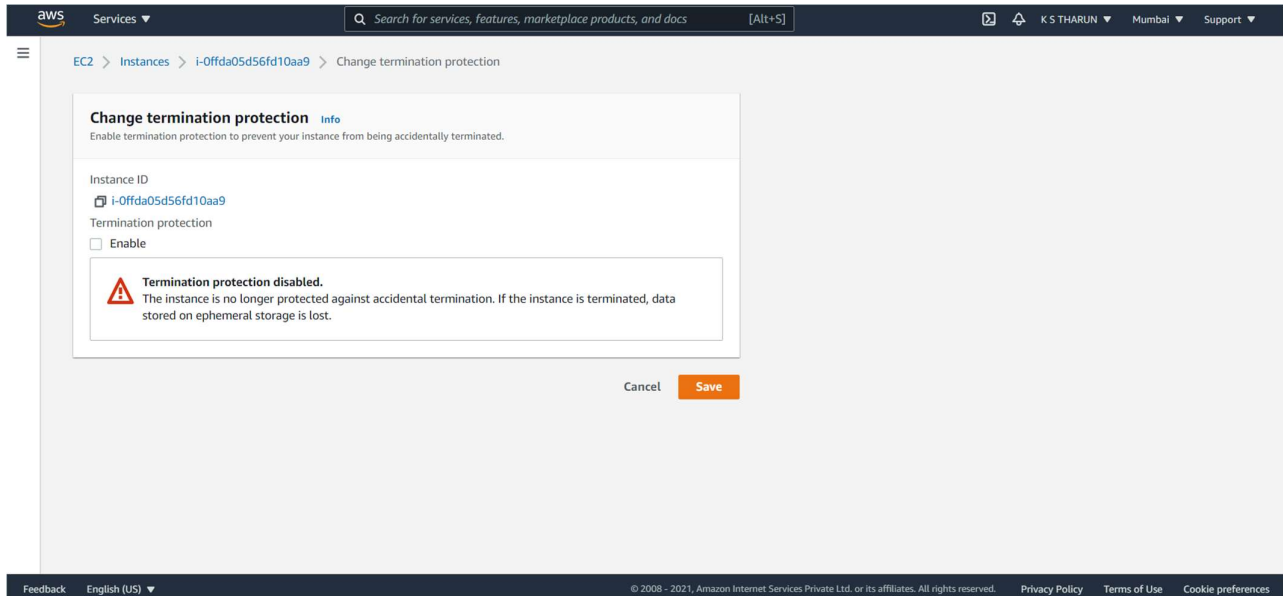
  - Instance terminated after we disabled the termination protection
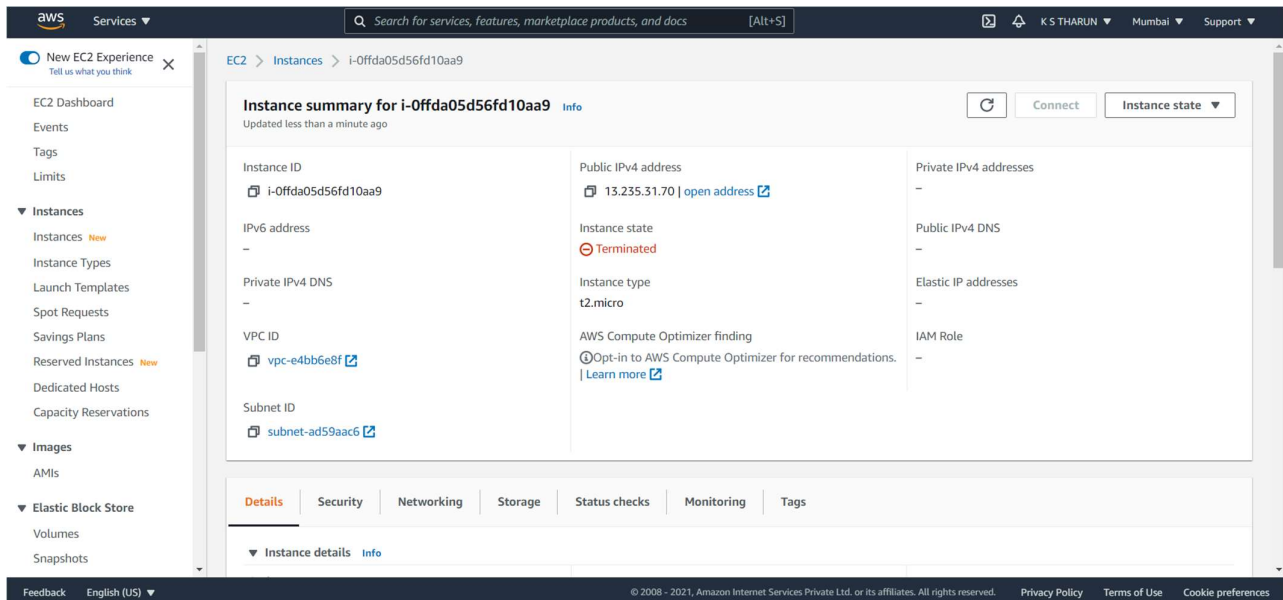
Assignment 3

- Deploying a sample application elastic beanstalk

  - ○ Application Name

Create a web app

Create a new application and environment with a sample application or your own code. By creating an environment, you allow Amazon Elastic Beanstalk to manage Amazon Web Services resources and permissions on your behalf. Learn more

Application information

Application name

Age Calculator

Up to 100 Unicode characters, not including forward slash (/).

  - ○ Platform used in Application

Platform

Platform

Python ▼

Platform branch

Python 3.8 running on 64bit Amazon Linux 2 ▼

Platform version

3.3.4 (Recommended) ▼

  - ○ Code type in Application

Application code

○ Sample application
Get started right away with sample code.

● Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.

Source code origin

Version label
Unique name for this version of your application code.

age calculator-source

Source code origin
Maximum size 512 MB

● Local file

○ Public S3 URL

⬆ Choose file

File name : **age.py**

⊘ File successfully uploaded

- Events

Events

Severity [TRACE ▼]   < 1 >   ⚙

Time ▽	Type ▽	Details
2021-08-05 18:45:24 UTC+0530	ERROR	Create environment operation is complete, but with errors. For more information, see troubleshooting documentation.
2021-08-05 18:44:42 UTC+0530	INFO	Added instance [i-04f81550a322a55fa] to your environment.
2021-08-05 18:44:21 UTC+0530	INFO	Command execution completed on all instances. Summary: [Successful: 0, Failed: 1].
2021-08-05 18:44:21 UTC+0530	ERROR	[Instance: i-04f81550a322a55fa] Command failed on instance. Return code: 1 Output: Engine execution has encountered an error..
2021-08-05 18:44:19 UTC+0530	ERROR	Instance deployment failed. For details, see 'eb-engine.log'.
2021-08-05 18:44:19 UTC+0530	ERROR	Instance deployment: Your source bundle has issues that caused the deployment to fail. For details, see 'eb-engine.log'.
2021-08-05 18:44:14 UTC+0530	INFO	Waiting for EC2 instances to launch. This may take a few minutes.
2021-08-05 18:42:54 UTC+0530	INFO	Created EIP: 13.126.21.149
2021-08-05 18:42:42 UTC+0530	INFO	Environment health has transitioned to Pending. Initialization in progress (running for 4 seconds). There are no instances.
2021-08-05 18:42:38 UTC+0530	INFO	Created security group named: awseb-e-wgd22pp7qn-stack-AWSEBSecurityGroup-JPTK9YGAQG27
2021-08-05 18:42:20 UTC+0530	INFO	Using elasticbeanstalk-ap-south-1-122235845734 as Amazon S3 storage bucket for environment data.
2021-08-05 18:42:19 UTC+0530	INFO	createEnvironment is starting.

- Environments

aws   Services ▼   Q Search for services, features, marketplace products, and docs   [Alt+S]   ▶ ⌃ K S THARUN ▼   Mumbai ▼   Support ▼

Elastic Beanstalk   ✕

Environments
Applications
Change history

▼ Age Calculator
   Application versions
   Saved configurations

▼ Agecalculator-env-1
   Go to environment ↗
   Configuration
   Logs
   Health
   Monitoring
   Alarms
   Managed updates
   Events
   Tags

Elastic Beanstalk > Environments > Agecalculator-env-1

Agecalculator-env-1   ⟳ Refresh   Actions ▼
Agecalculator-env-1.eba-8v4pvwht.ap-south-1.elasticbeanstalk.com ↗ (e-wgd22pp7qn)
Application name: **Age Calculator**

Health   **Running version**   **Platform**

⊖   age calculator-source
                          [Upload and deploy]

Pending   Python 3.8 running on 64bit
[Causes]   Amazon Linux 2/3.3.4
                                                            [Change]

Recent events   [Show all]
                                                              < 1 >

Time	Type	Details
2021-08-05 18:45:24 UTC+0530	ERROR	Create environment operation is complete, but with errors. For more information, see troubleshooting documentation.