REPUBLIC OF THE PHILIPPINES

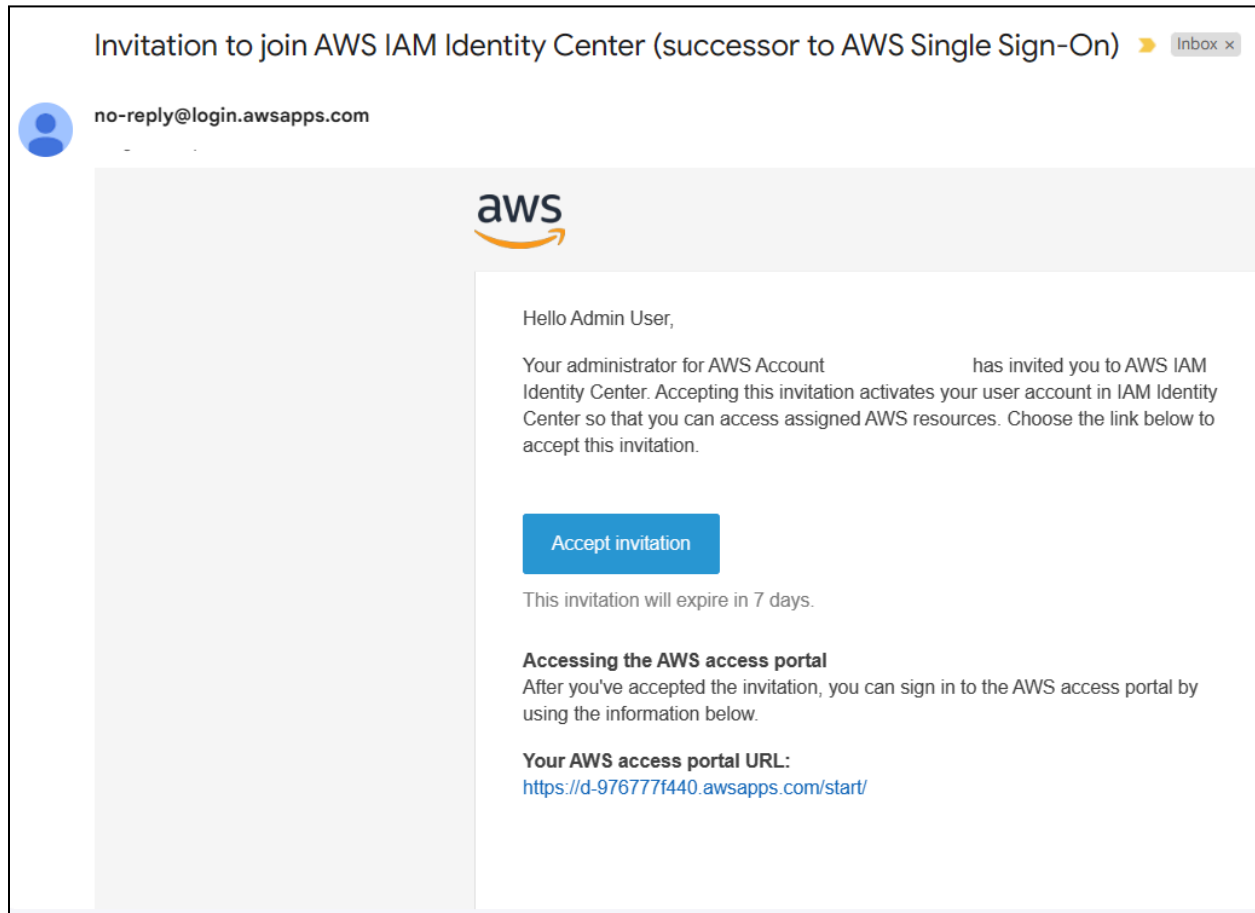**DEPARTMENT OF INFORMATION AND COMMUNICATIONS TECHNOLOGY**

Accessing EC2 instance using AWS Session Manager

Prepared by:

DICT-NGDC AWS Team

Step 1: Once done accepting the email invitation from AWS, creating your password and MFA, click the provided AWS access portal URL. (https://d-976777f440.awsapps.com/start/)

Step 2: Login on the AWS portal using your credentials and input MFA.

Step 3: Once logged in, click the name of the AWS account and click the link below it.

Step 4: Now that you're on the management console, make sure that you are on the correct region by checking the top right side. (Singapore should be the region).
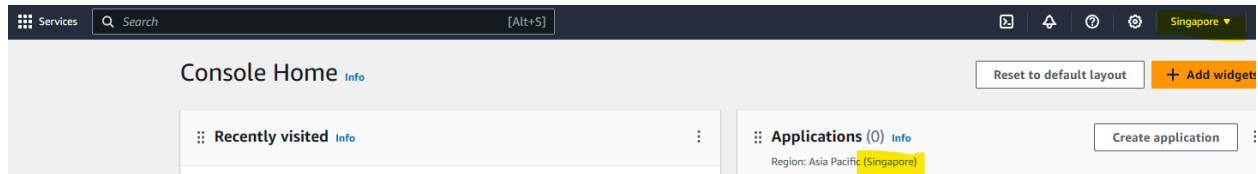

Image 2: AWS Management Console UI

Step 5: On the top left side, you'll see a search box, type in the word **"EC2"** then it'll automatically show you all the related searches. Click **"EC2"**.
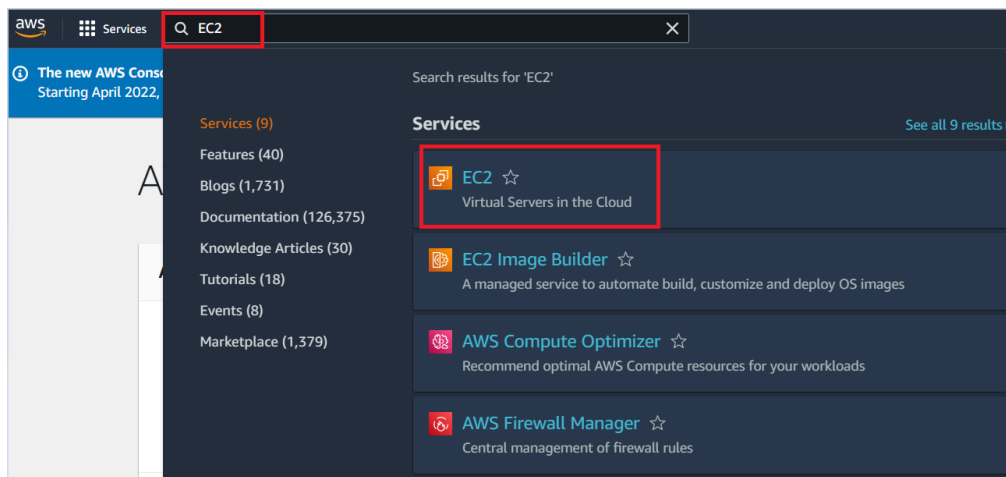

Image 3: Search box result sample UI

Step 6: On the **"Instances"** dashboard, tick the checkbox on the instance that you want to connect then click the "Connect" button on the top right side.

Step 7: Upon clicking the "Connect" button, go to the "Session Manager" tab and click "Connect" to start the session.

EC2 > Instances > i-0e7819e03793a039d > Connect to instance

Connect to instance Info

Connect to your instance i-0e7819e03793a039d (1 test vm) using any of these options

| EC2 Instance Connect | Session Manager | SSH client | EC2 serial console |

Session Manager usage:

- Connect to your instance without SSH keys, a bastion host, or opening any inbound ports.
- Sessions are secured using an AWS Key Management Service key.
- You can log session commands and details in an Amazon S3 bucket or CloudWatch Logs log group.
- Configure sessions on the Session Manager Preferences ☑ page.

Cancel   **Connect**

Step 8: A terminal window will appear. You are now connected to the instance.

```
sh-5.2$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=109 time=39.4 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=109 time=39.4 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=109 time=39.4 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=109 time=39.4 ms
64 bytes from 8.8.8.8: icmp_seq=5 ttl=109 time=39.4 ms
```

Step 9: To terminate the session, click the "Terminate" button on the top right part.

Instance ID: i-0e7819e03793a039d   Terminate

```
data.
109 time=39.4 ms
109 time=39.5 ms
109 time=39.4 ms
109 time=39.4 ms
109 time=39.4 ms
109 time=39.4 ms

packet loss, time 5007ms
9.454/0.015 ms
```