

# **AWS Cloud and Devops**

by Mr. Mahendran Selvakumar

## **Create Windows Instance on Amazon Lightsail**

**Name: Sowbarnicka G K**

**Class: CSE-C**

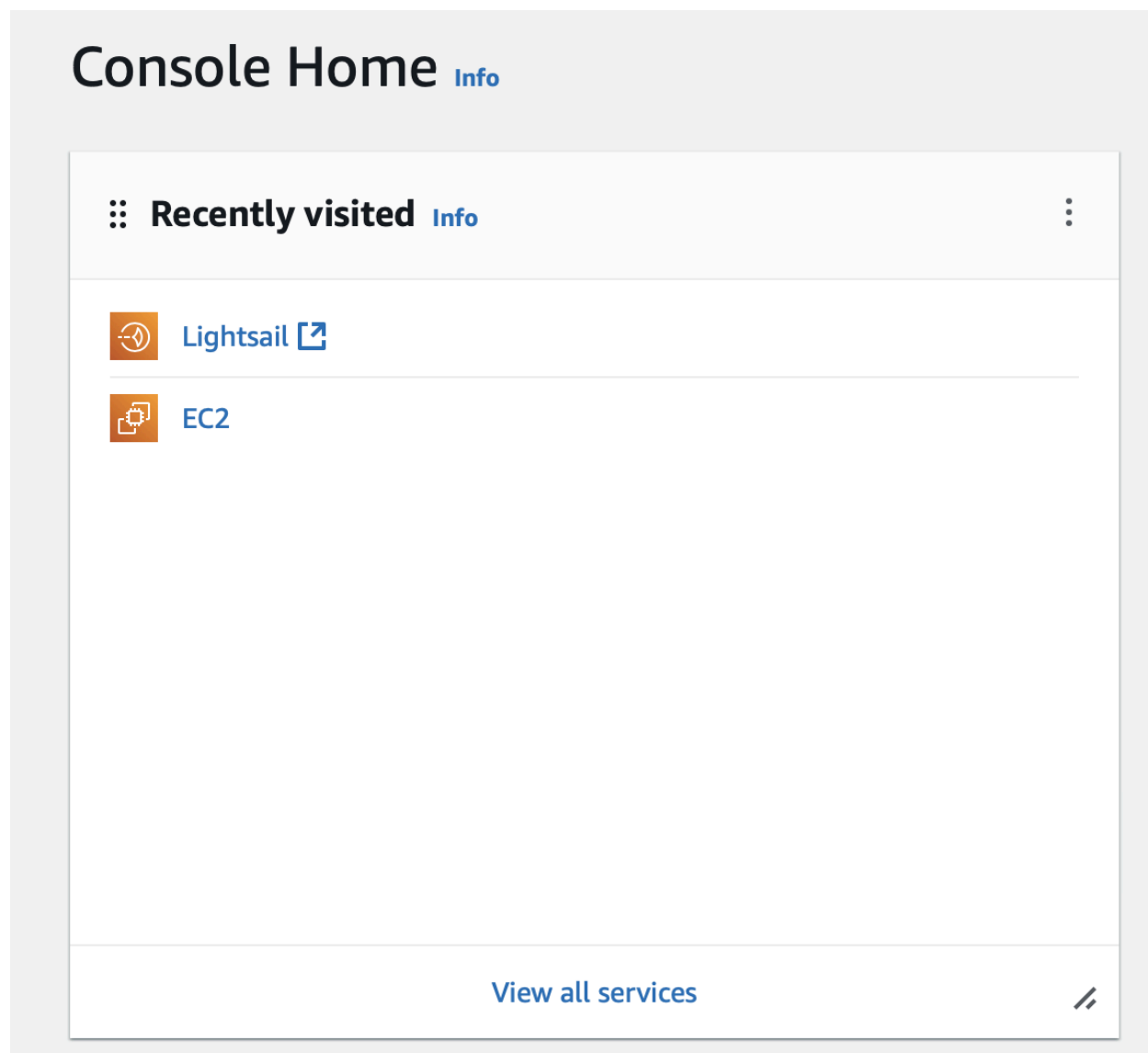
**Organized by KPR Institute of Engineering and Technology**  
**Department of Computer Science and Engineering**

**We are going to see the step by step guide for creating windows instance on amazon lightsail.**

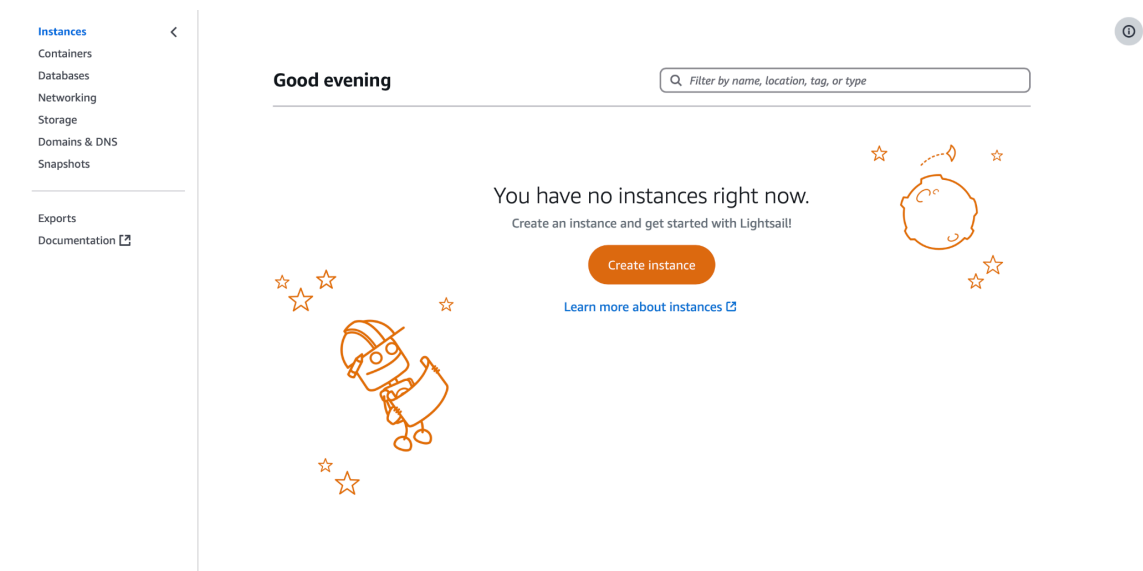
**STEP 1:** Log in to the AWS Management Console

- Navigate to the AWS management console and login with your credentials.

**STEP 2:** In the AWS console home, click Lightsail to open the Lightsail instance.



**STEP 3:** The resulting Lightsail instance is opened as shown below.



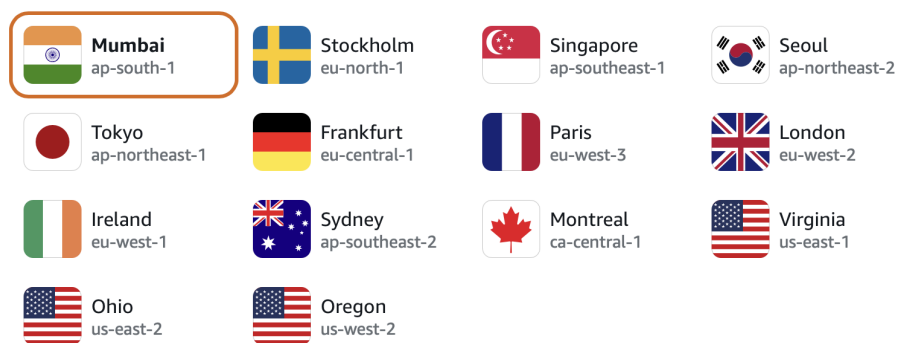
**STEP 4:** Click the create instance to create windows instance. Initially select your instance location and select an availability zone.

#### Select your instance location

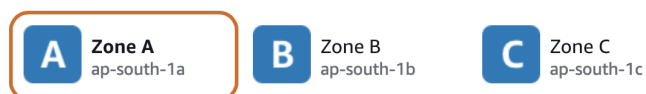
Select a Region

The closer your instance is to your users, the less latency they will experience.

[Learn more about Regions](#)



#### Select an Availability Zone [Info](#)



## STEP 5: Select your platform as Microsoft Windows.

Pick your instance image [Info](#)

Select a platform

☐  Linux/Unix  
28 blueprints

☒  Microsoft Windows  
6 blueprints


Windows-based instance prices reflect additional licensing fees.


## STEP 6: Select the blueprint Windows Server 2019 Operating System


Select a blueprint

☐ Apps + OS

☒ Operating System (OS) only

☐  Windows Server 2022  
2024.10.09

☒  Windows Server 2019  
2024.10.09

☐  Windows Server 2016  
2024.10.09

### Windows Server 2019 2024.10.09

Amazon Lightsail helps you build, deploy, scale, and manage Microsoft applications quickly, easily, and cost effectively with Windows Server 2019. For business IT applications, Lightsail runs Windows-based solutions in a secure, easily managed, and performant cloud environment. Common Windows use cases include Enterprise Windows-based application hosting, website and web-service hosting, data processing, distributed testing, ASP.NET application hosting, and running any other application requiring Windows software.

Learn more about Windows Server 2019 on the [AWS Marketplace](#)

By using this software, you agree to the [software's end user license agreement](#)

### Optional

You can add a PowerShell script that runs on your instance the first time it launches.

[+ Add launch script](#)

Administrator password

Lightsail will use the **default** SSH key pair for this Region to retrieve the administrator password for your Windows instance.

## STEP 7: Choose your instance plan , select your network type as Dual-stack and select your preferred plan.

## Choose your instance plan [Info](#)

### Select a network type [Info](#)

☒ Dual-stack **Recommended**

For workloads that require full network compatibility.  
Includes a public IPv4 and a public IPv6 address.

☐ IPv6-only

For workloads that do not require a public IPv4 address.  
Includes a public IPv6 address.

### Select a size

Sort by Price per month ▼

☐ **\$9.5**

USD per month

512 MB Memory  
2 vCPUs Processing  
30 GB SSD Storage  
512 GB Transfer

First 90 days free

☒ **\$14**

USD per month

1 GB Memory  
2 vCPUs Processing  
40 GB SSD Storage  
1 TB Transfer

First 90 days free

☐ **\$22**

USD per month

2 GB Memory  
2 vCPUs Processing  
60 GB SSD Storage  
1.5 TB Transfer

First 90 days free

☐ **\$44**

USD per month

4 GB Memory  
2 vCPUs Processing  
80 GB SSD Storage  
2 TB Transfer

☐ **\$74**

USD per month

8 GB Memory  
2 vCPUs Processing  
160 GB SSD Storage  
2.5 TB Transfer

☐ **\$124**

USD per month

16 GB Memory  
4 vCPUs Processing  
320 GB SSD Storage  
3 TB Transfer

☐ **\$244**

USD per month

32 GB Memory  
8 vCPUs Processing  
640 GB SSD Storage  
3.5 TB Transfer

☐ **\$574** *New*

USD per month

64 GB Memory  
16 vCPUs Processing  
1,280 GB SSD Storage  
4 TB Transfer

Largest plan

**STEP 8:** To identify the instance give the name for the instance and click create instance.

### Identify your instance

Your Lightsail resources must have unique names.

Devops-window

×

1

### Tagging options

Use tags to filter and organize your resources in the Lightsail console. Key-value tags can also be used to organize your billing, and to control access to your resources. [Learn more about tagging.](#)

#### Key-only tags [Info](#)

+ Add key-only tags

#### Key-value tags [Info](#)

+ Add key-value tag

Create instance


The windows instance on Amazon Lightsail was created.

Good evening

Filter by name, location, tag, or type

Sort by **Creation date** ▼

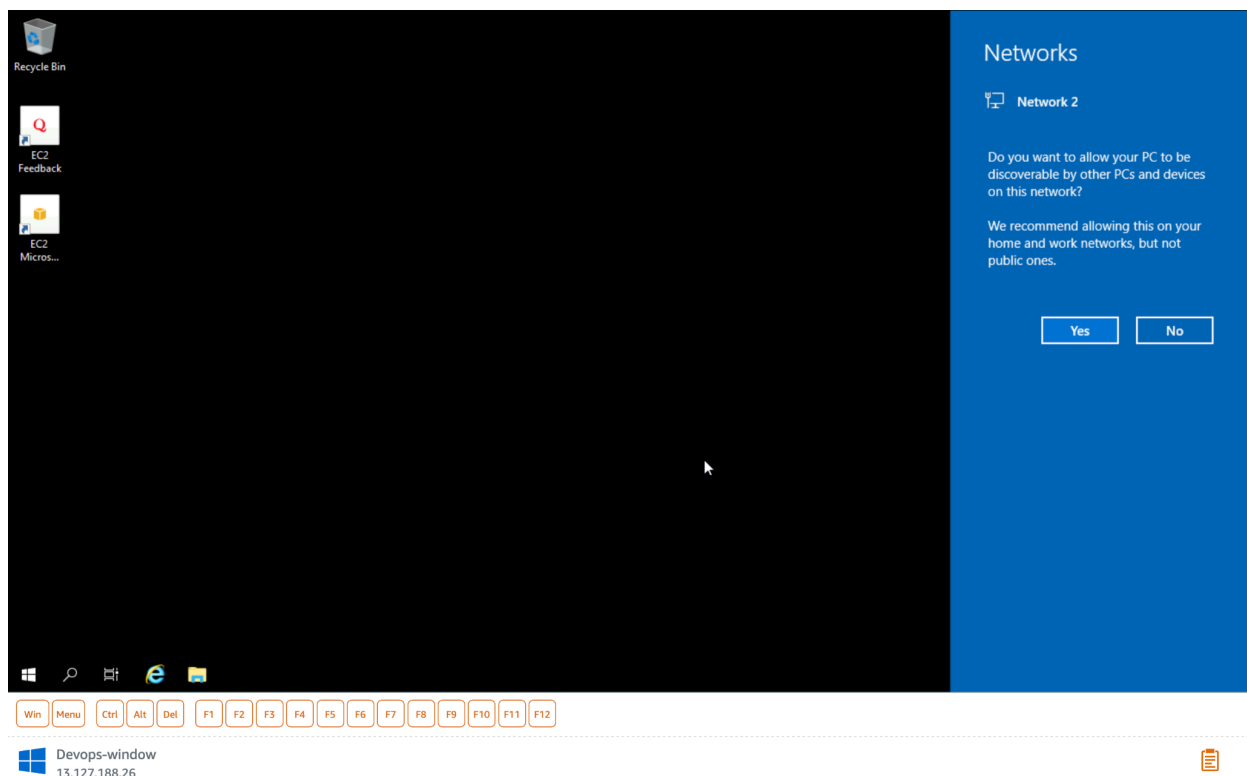
Create instance

**Devops-window**  
1 GB RAM, 2 vCPUs, 40 GB SSD

Running

13.127.188.26  
2406:da1a:4df:e600:2719:594e:b0f:6abf  
Mumbai, Zone A

Connect the instance:



**Finally do not forget to delete your instances which is created.**