Lesson 05 Demo 11

Creating a Global Accelerator

Objective: To create a Global Accelerator on AWS for enhancing the availability and performance of your applications by intelligently routing traffic across multiple regions and endpoints

Tools required: AWS workspace

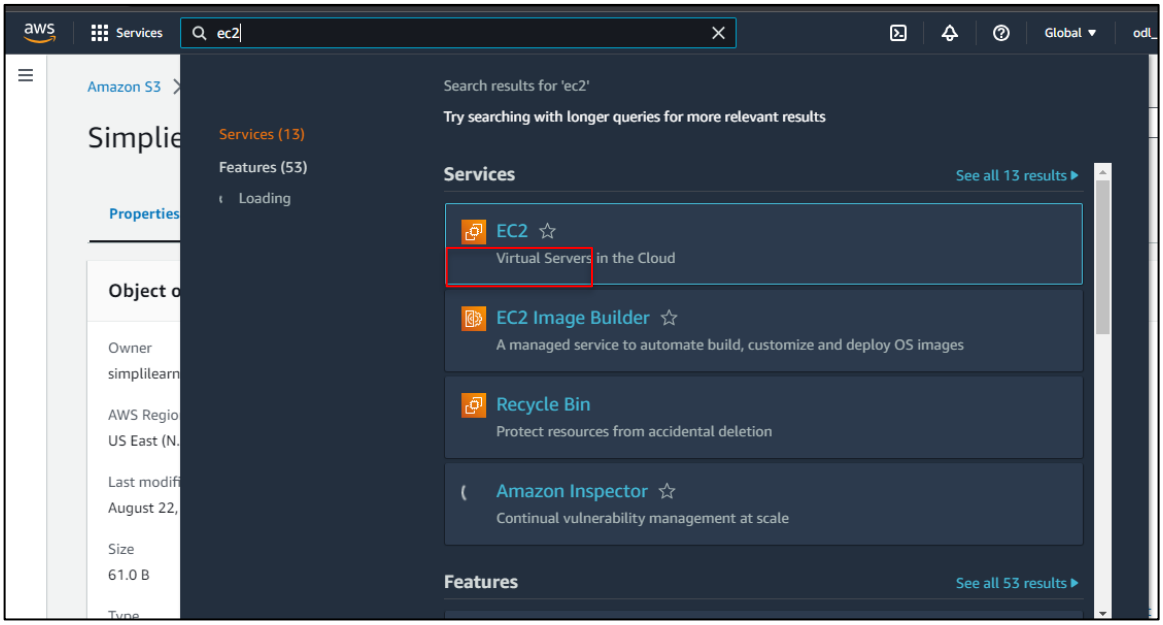
Prerequisites: Previously created EC2 instance

Steps to be followed:

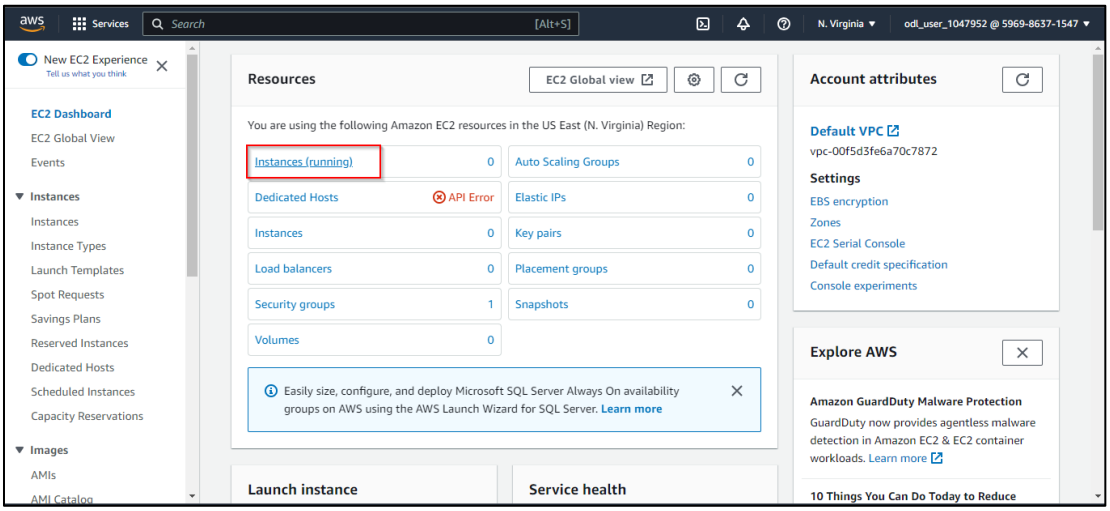
1. Create an EC2 web instance
2. Create a Global Accelerator

Step 1: Create an EC2 web instance

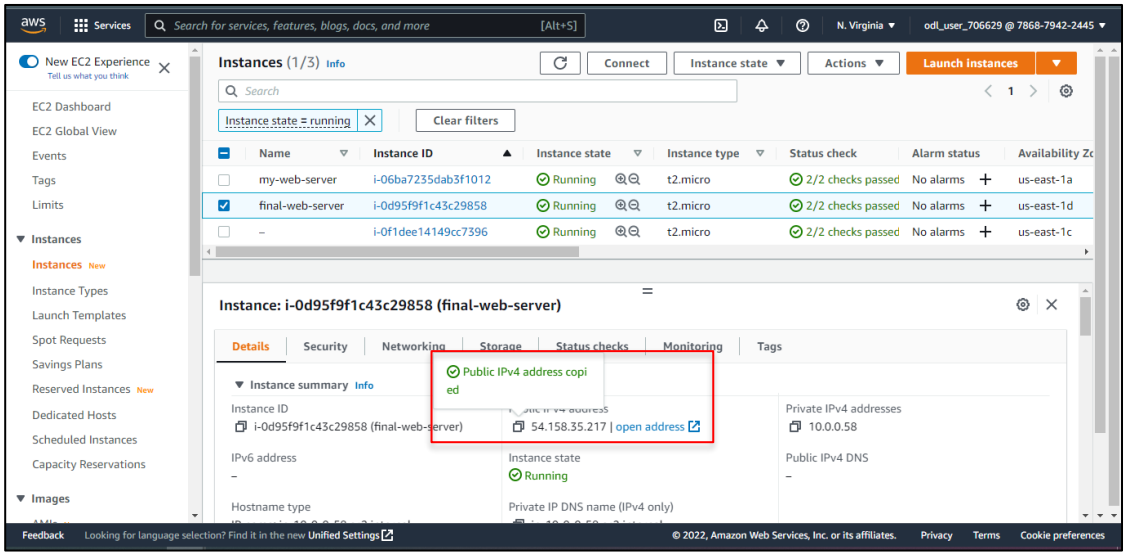
1.1 Navigate to the AWS portal home screen, search for, and select **EC2**



1.2 Click on **instances(running)**



1.3 Select the instance with the website and copy the **Public IPv4 address** from the Details



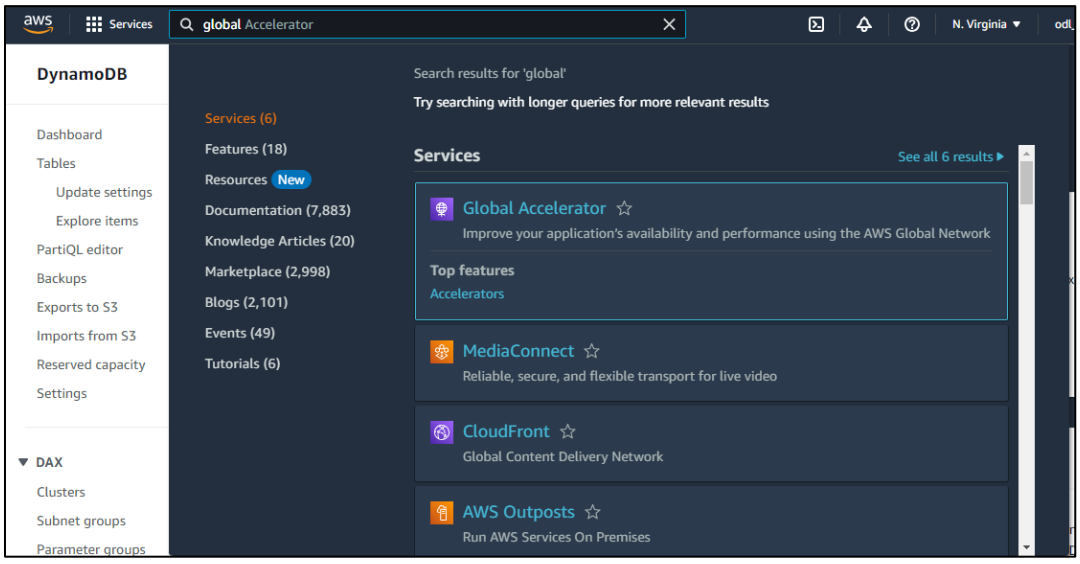
Note: Refer to **Lesson 03 Demo 05** to know how to create an EC2 web instance

1.4 Open a new browser, paste the copied **Public IPv4 address,** and press enter

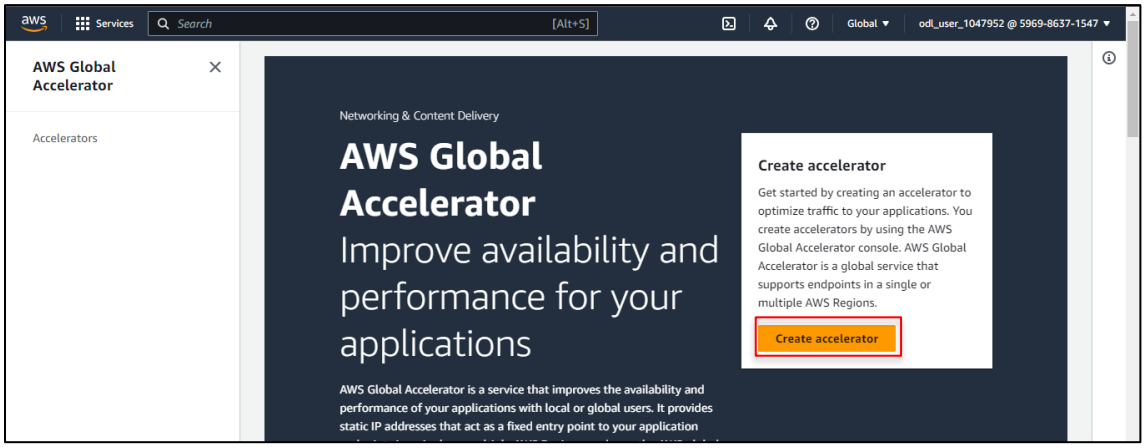
Note: This is required to create a Global Accelerator.

Step 2: Create a Global Accelerator

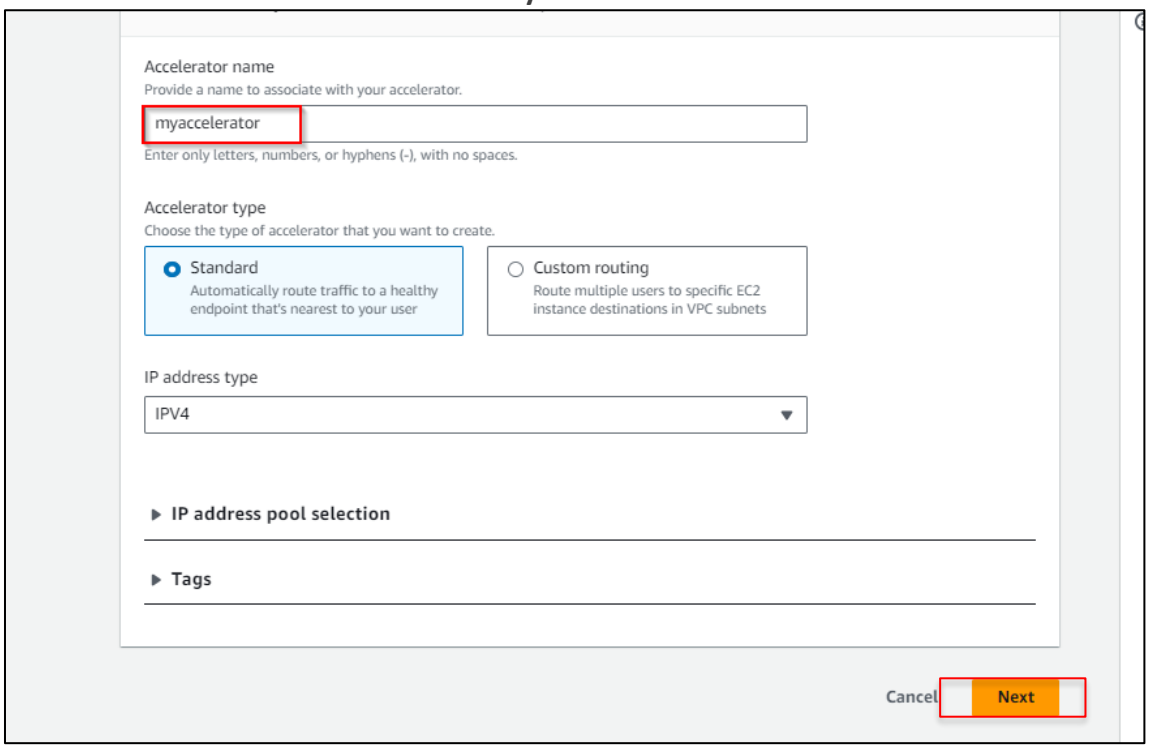
2.1 Navigate to the AWS portal home screen, search for, and select **Global Accelerator**



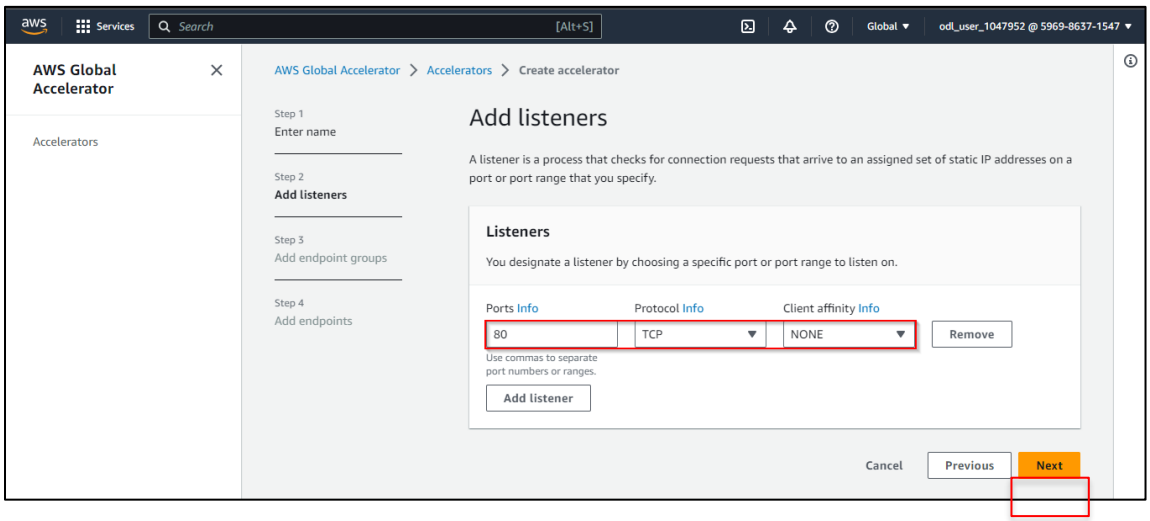
2.2 Click on **Create accelerator**



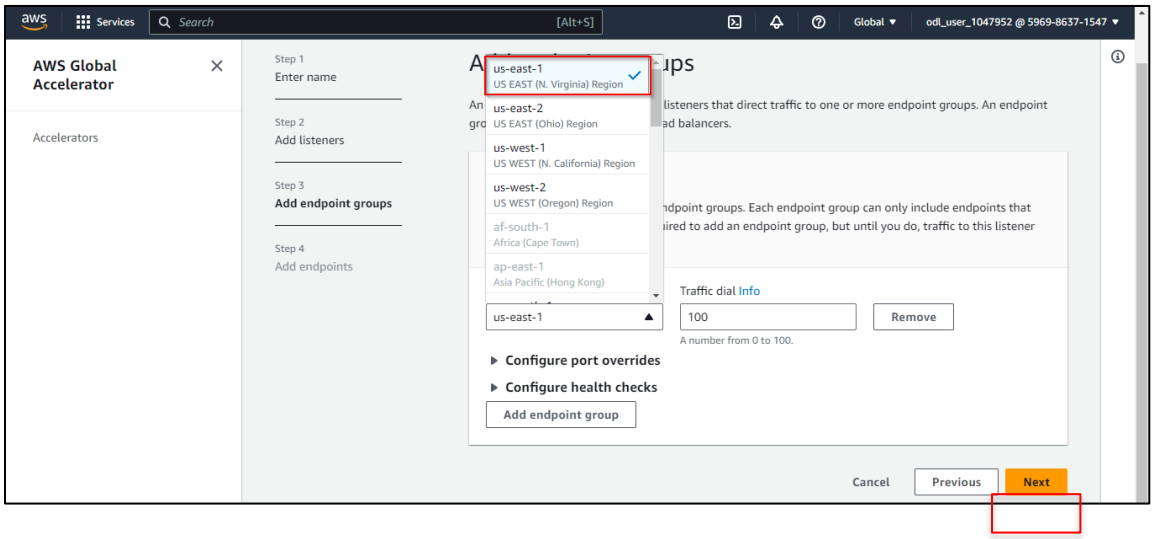
2.3 Provide a name for the accelerator as **myaccelerator** and click **Next**



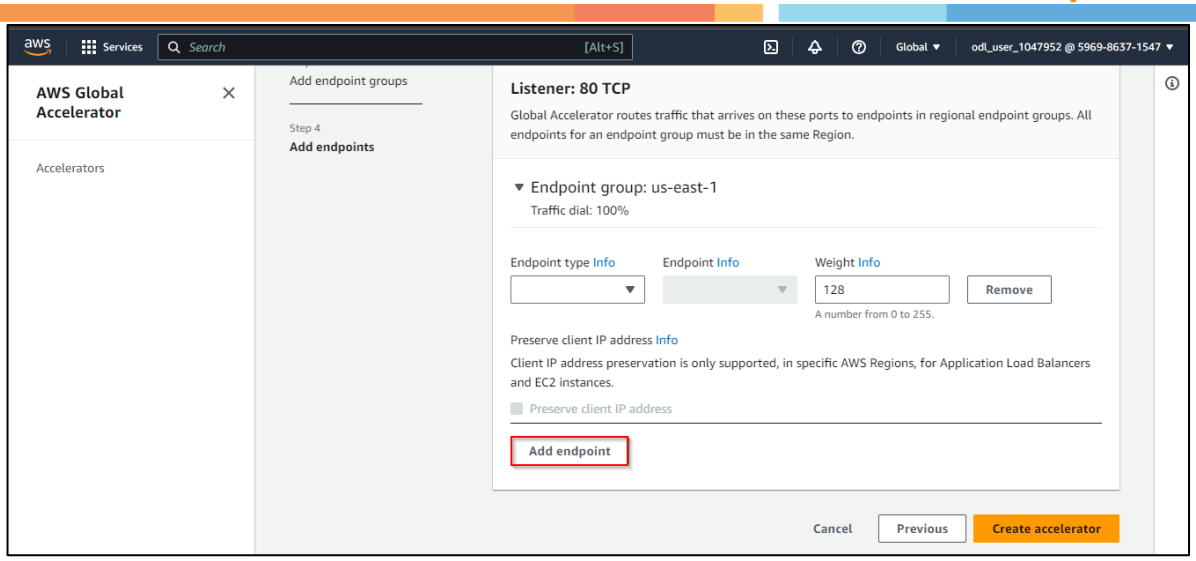
2.4 Enter **80** under the **Ports** section, choose **TCP** under **Protocol**, and proceed by clicking **Next**



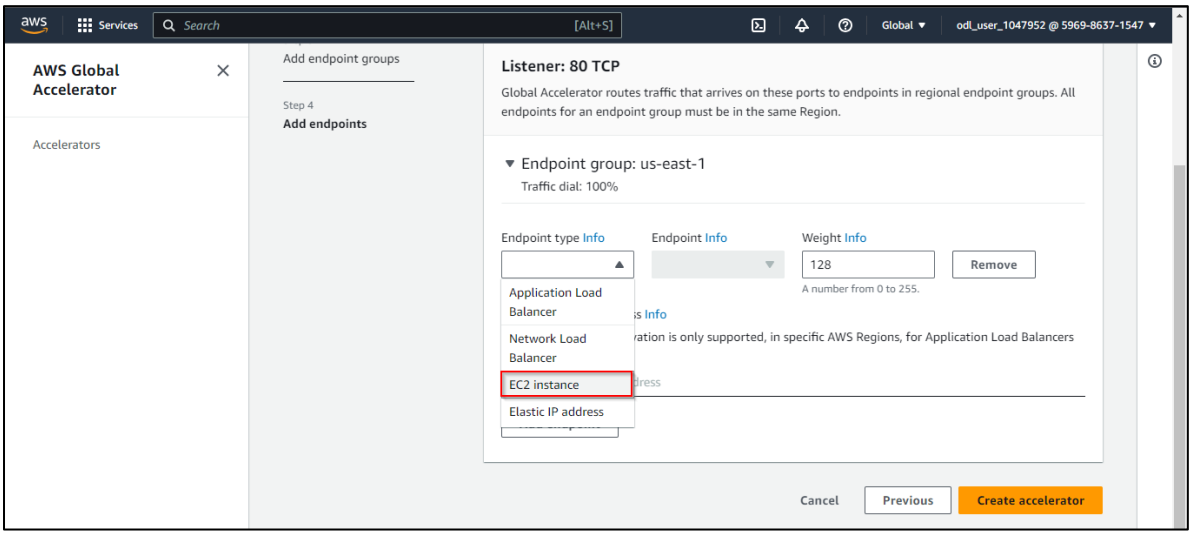
2.5 Select region as **us-east-1**, click on **Next**



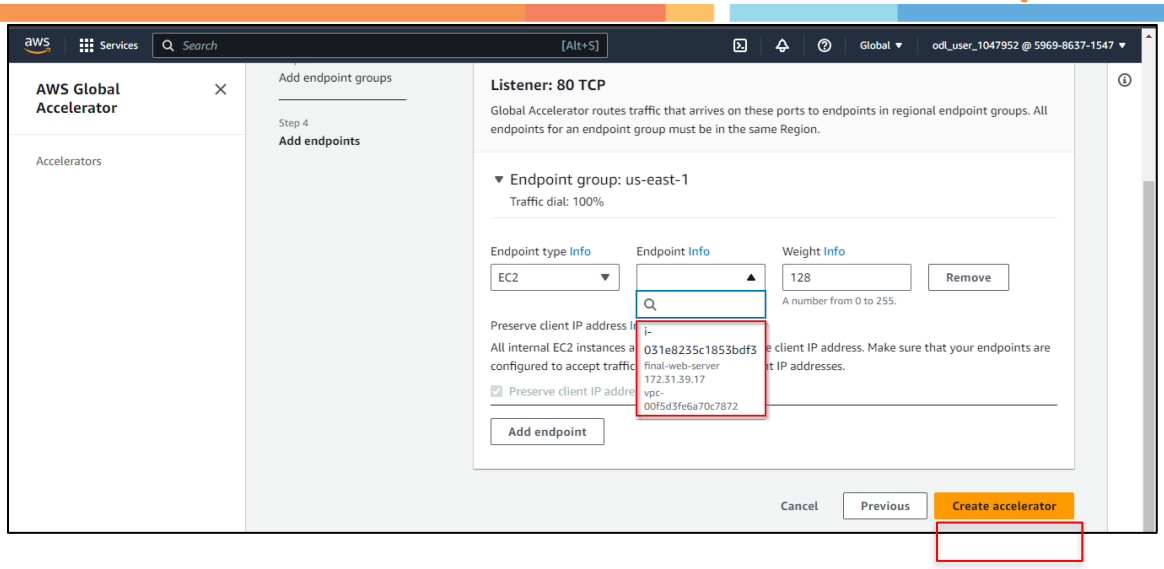
2.6 Click on **Add endpoint**

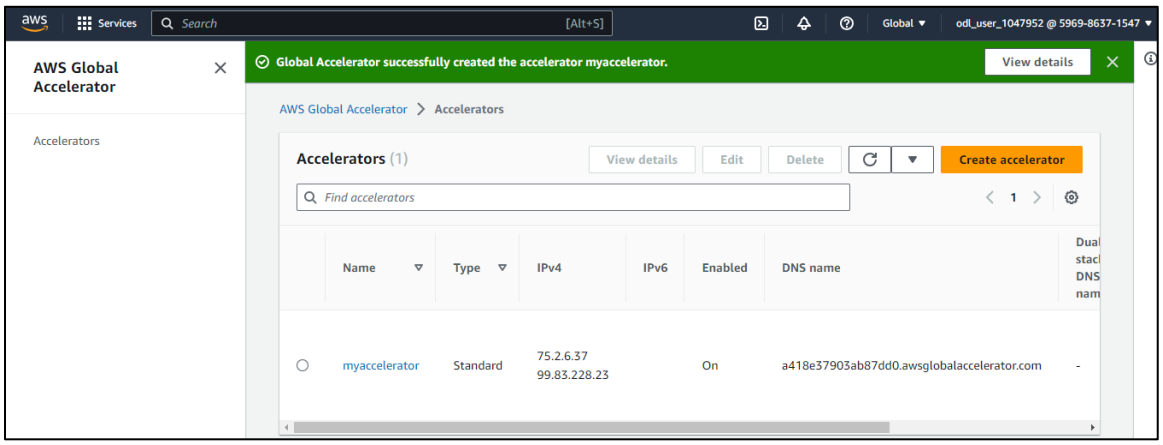


2.7 Choose the **EC2 instance** as the **Endpoint type**



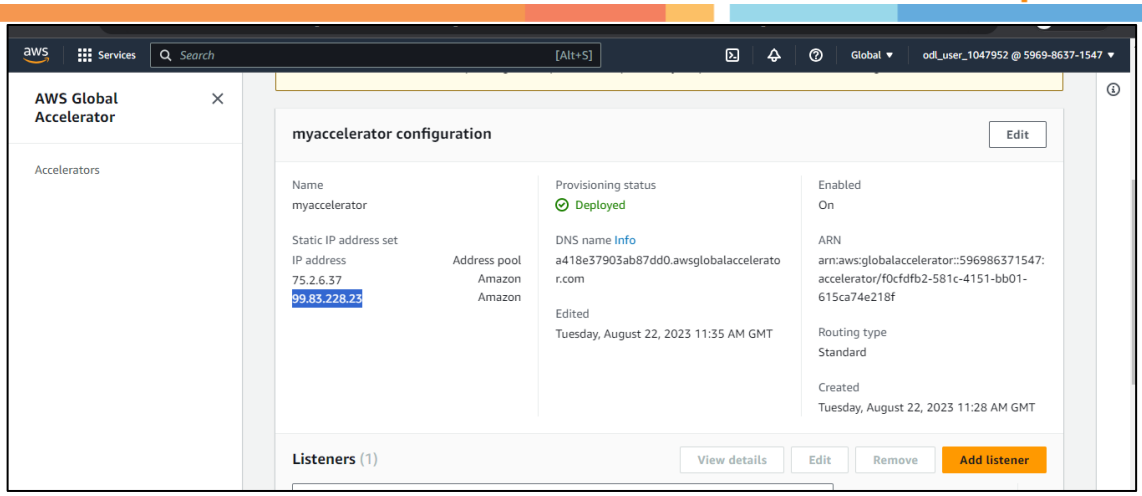
2.6 Select an endpoint and click on **Create accelerator**





The Global Accelerator has been created successfully.

2.7 Copy the **IP address**



2.8 Paste the IP address in a browser and press enter

By following these steps, you have successfully created a Global Accelerator on AWS to enhance your applications' availability and performance.