Lesson 05 Demo 11

Creating a Global Accelerator

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

Tools required: AWS workspace

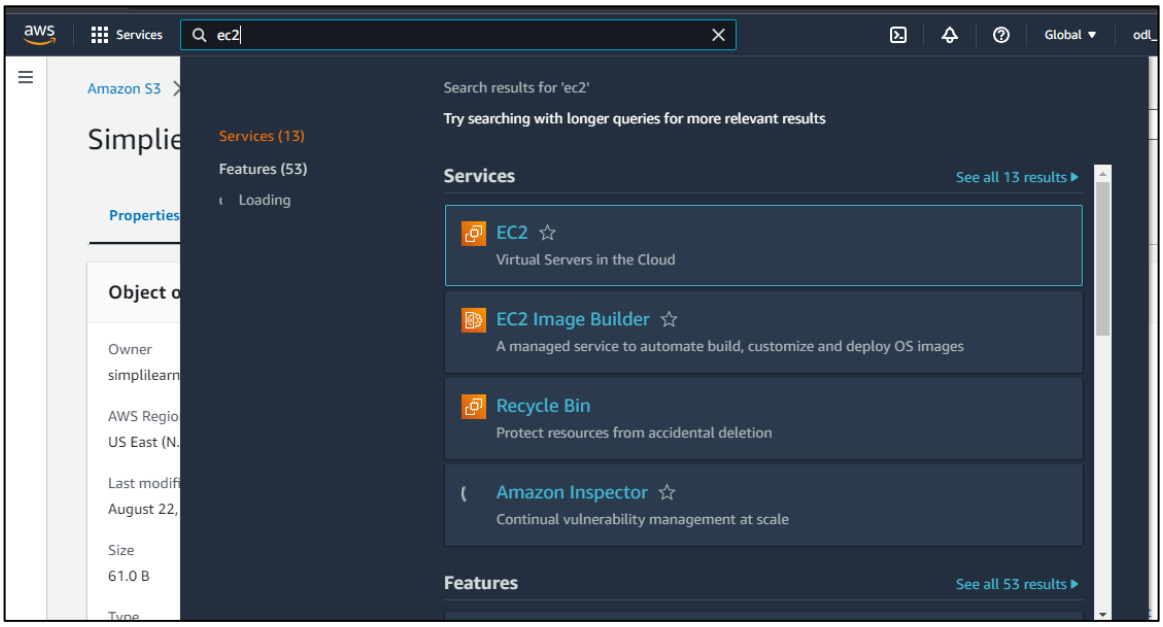
Prerequisites: One EC2 instance should be created

Steps to be followed:

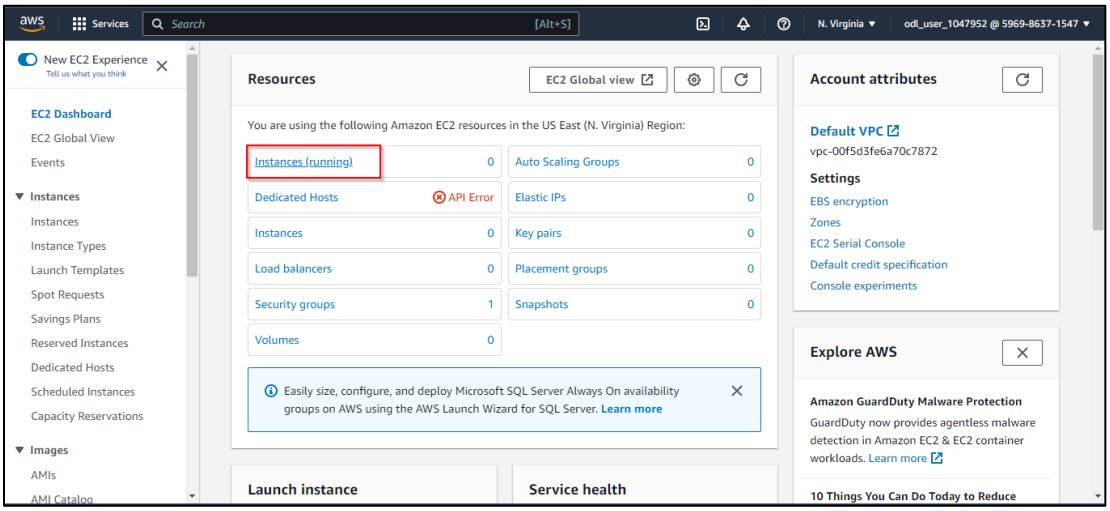
1. Create an EC2 web instance
2. Create a Global Accelerator

Step 1: Create an EC2 web instance

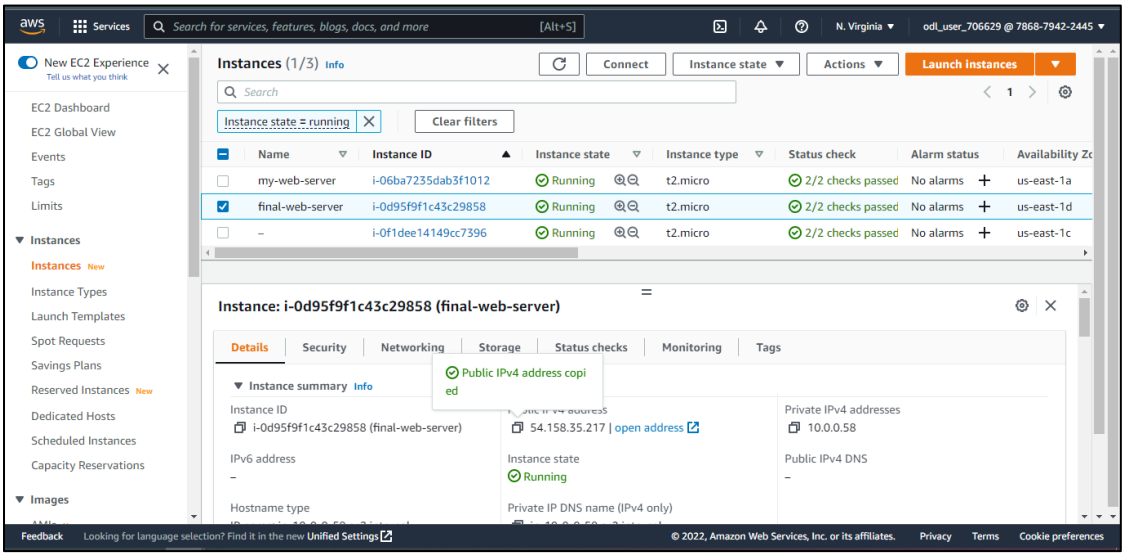
1.1 Navigate to the AWS portal home screen, search for and select **EC2**



1.2 Click on **instances(running)**



1.3 Click on the instance with the website and copy the **IPv4 address**



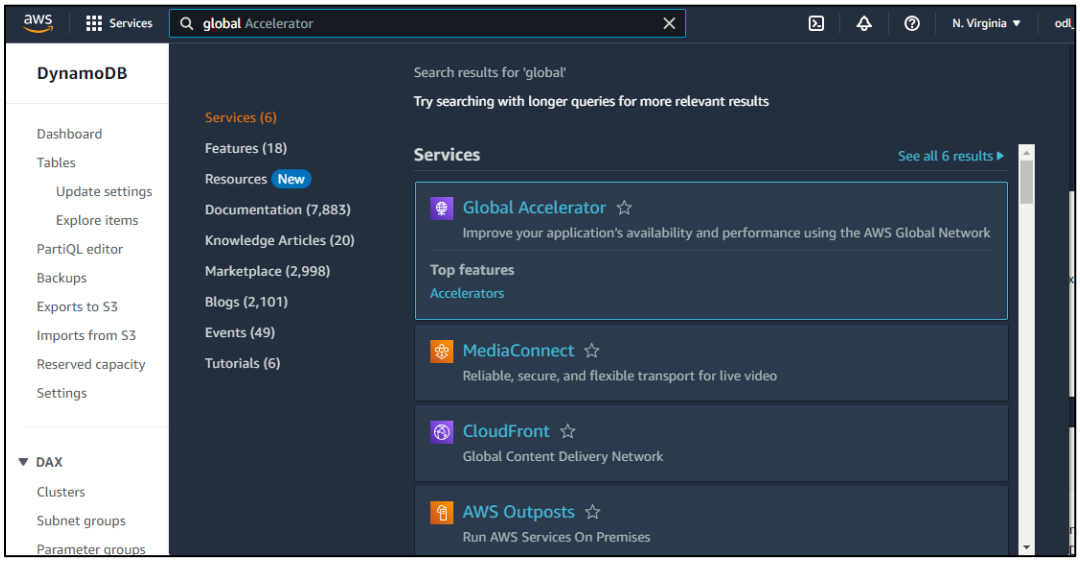
Note: Refer to the **Lesson 03 Demo 05** to know how to create EC2 web instance

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

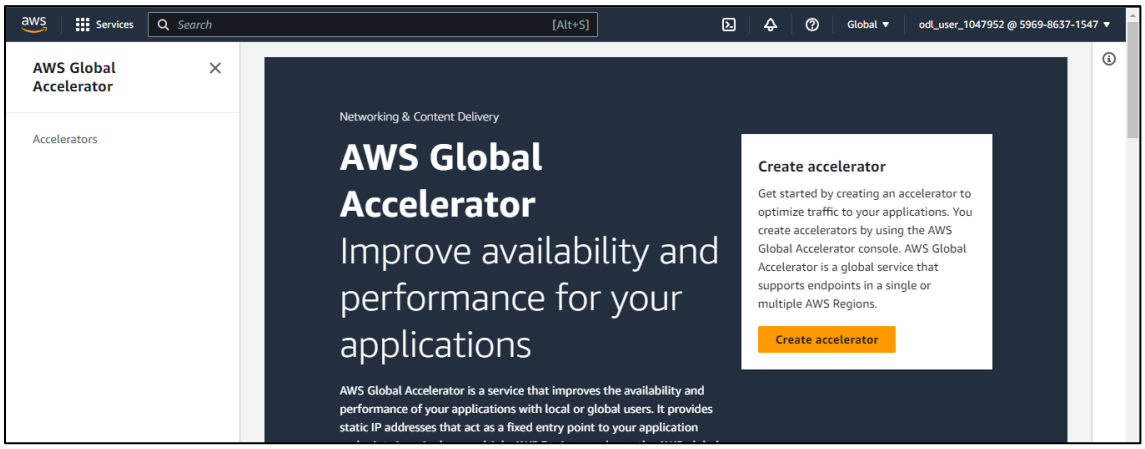
Note: This is required for creating a Global Accelerator.

Step 2: Create a Global Accelerator

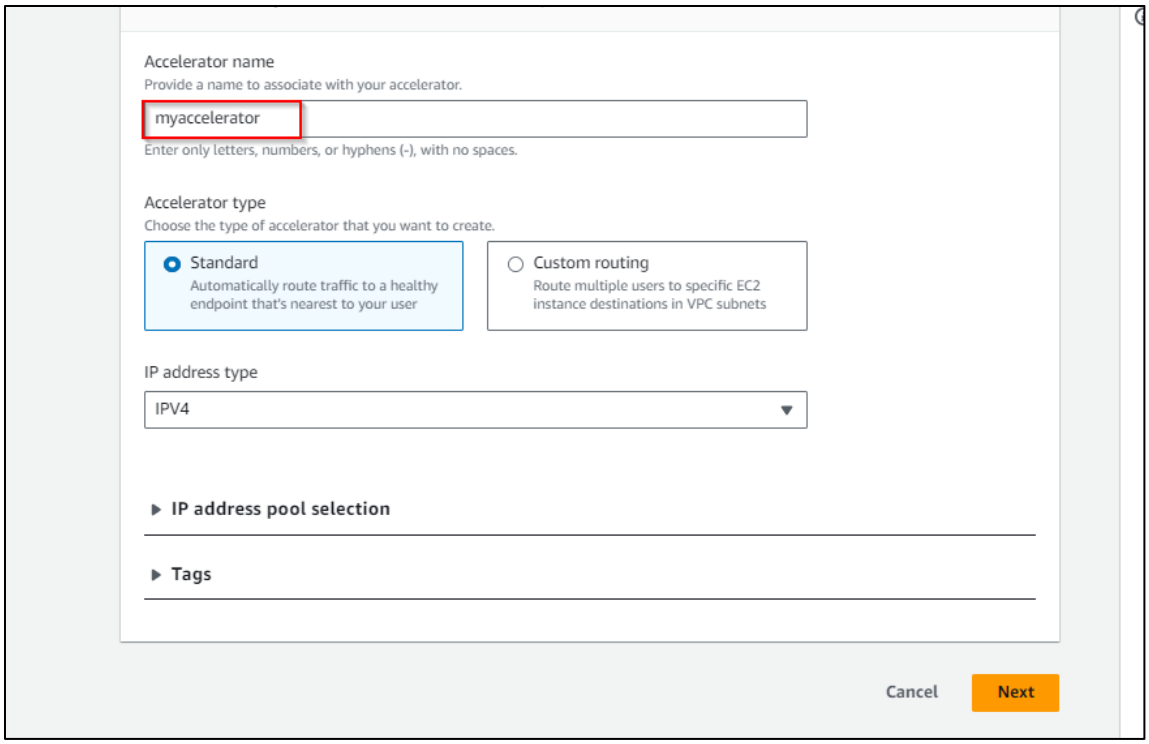
2.1 Navigate to the AWS portal home screen, search for and select **Global Accelerator**



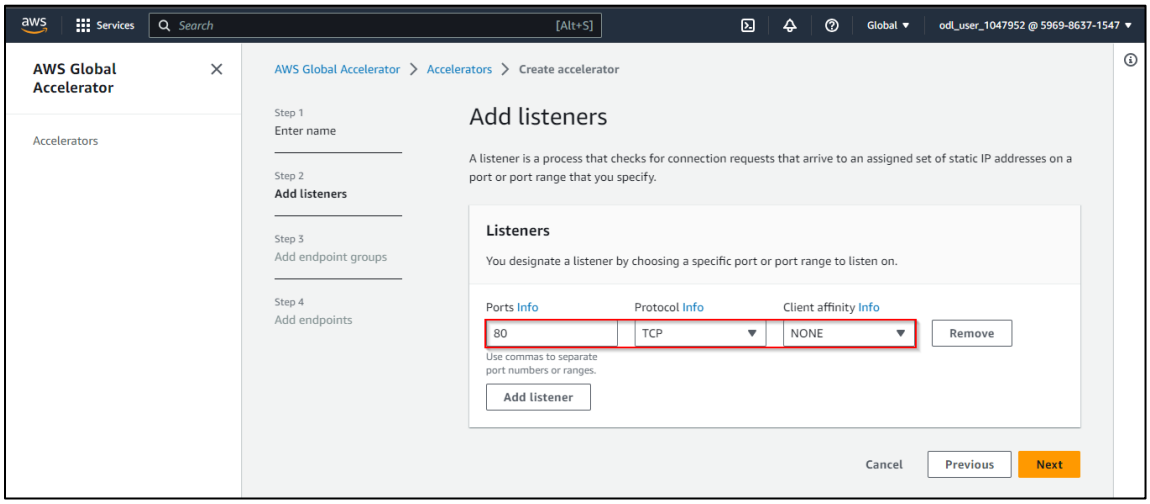
2.2 Click on **Create accelerator**



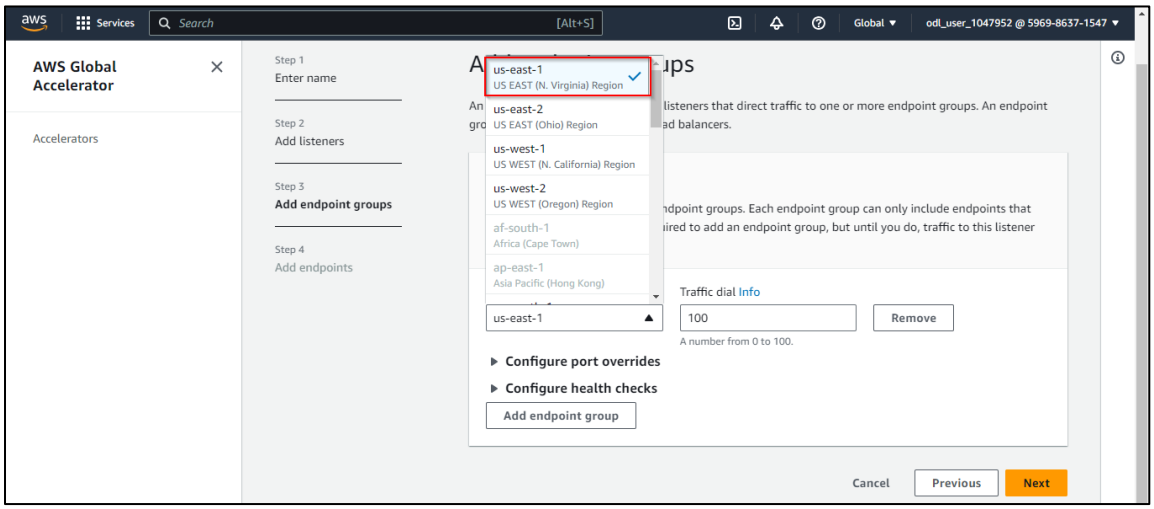
2.3 Provide a name for the accelerator and click **Next**



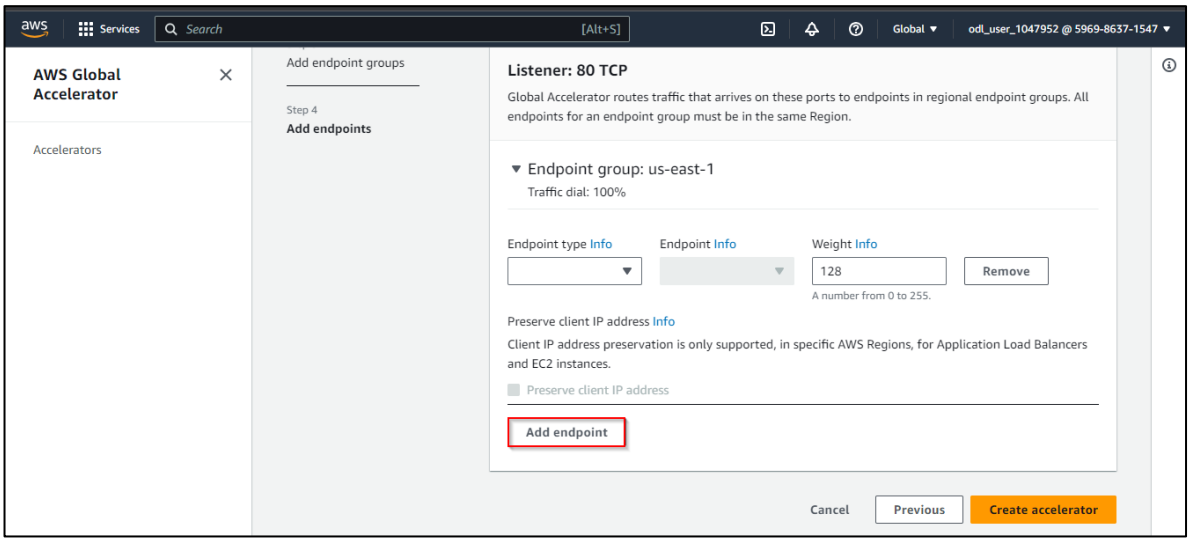
2.4 Enter **80** under the **Ports** section, choose **TCP** under **Protocol**, and proceed by clicking **Next**



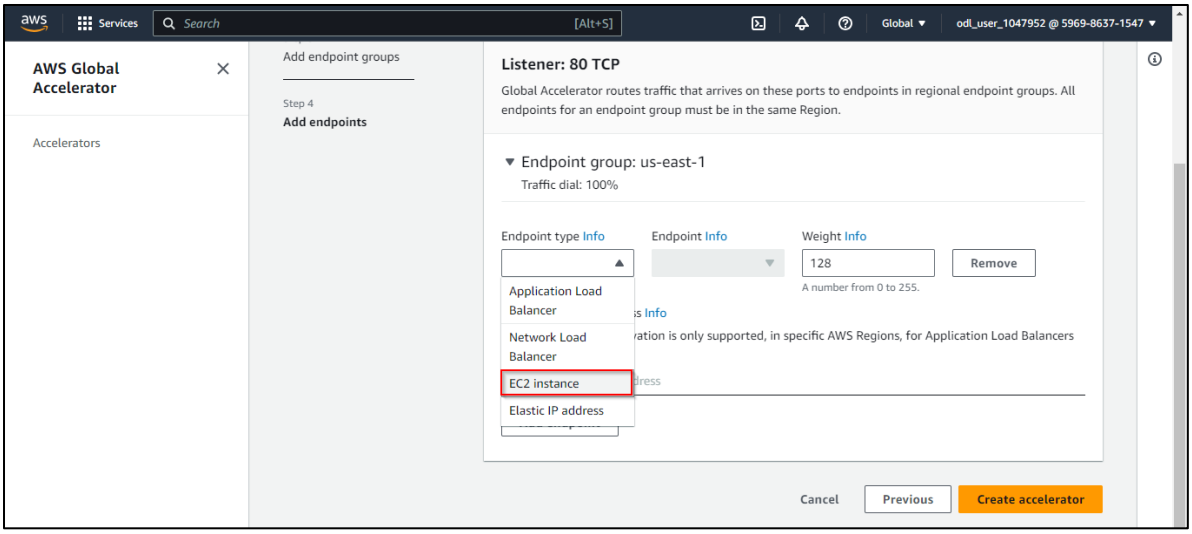
2.5 Select region as **us-east-1**, click on **Next**



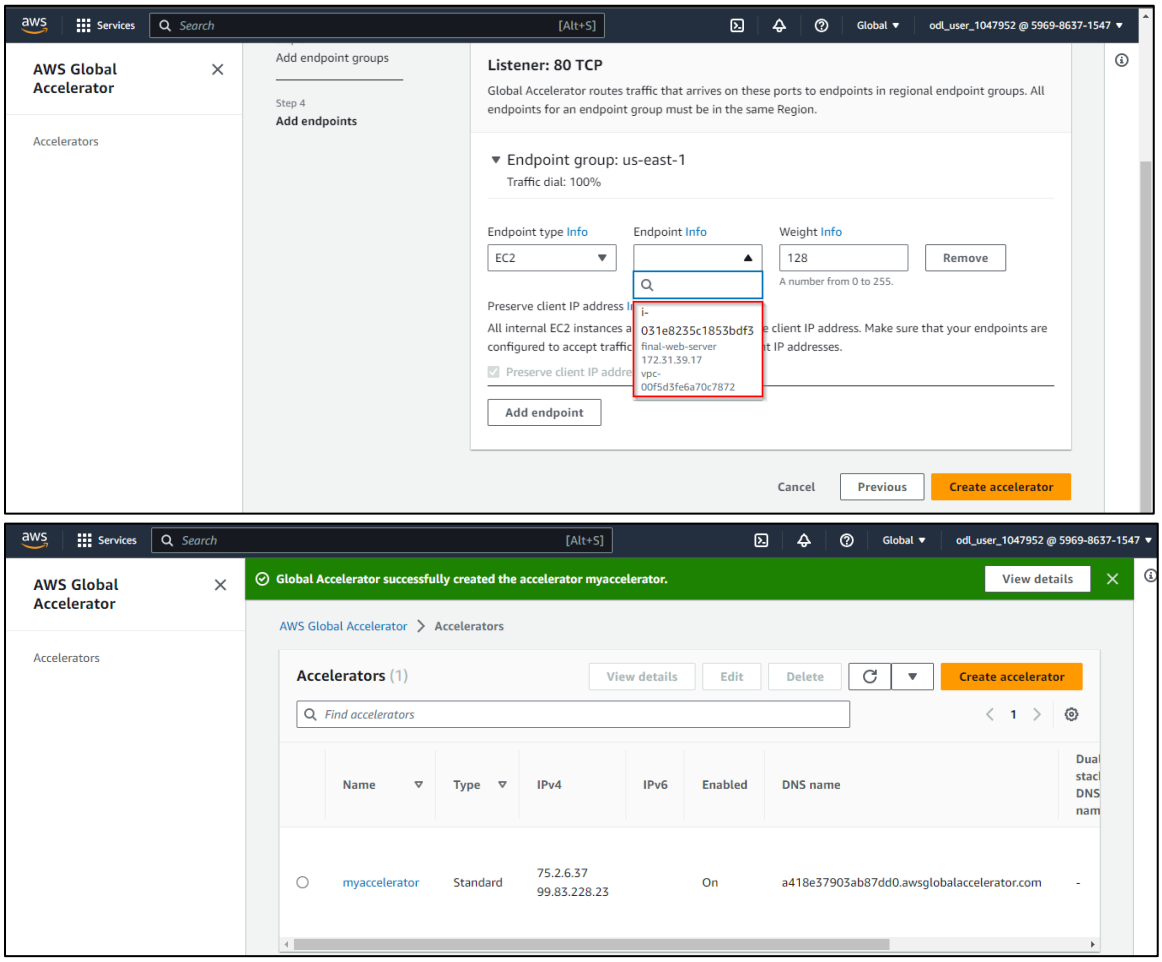
2.6 Click on **Add endpoint**



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

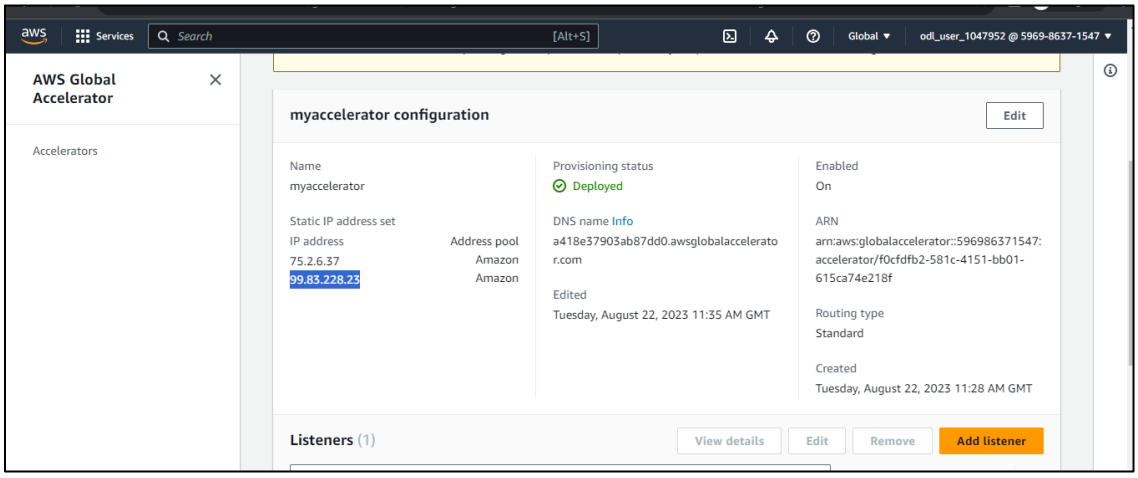


2.6 Select an endpoint and click on **Create accelerator**



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 accomplished the creation and validation of a Global Accelerator, showcasing its capacity to enhance the distribution of applications across different regions. This resource empowers you with the tools to offer superior user experiences, minimize latency, and elevate the availability of applications on a worldwide level.