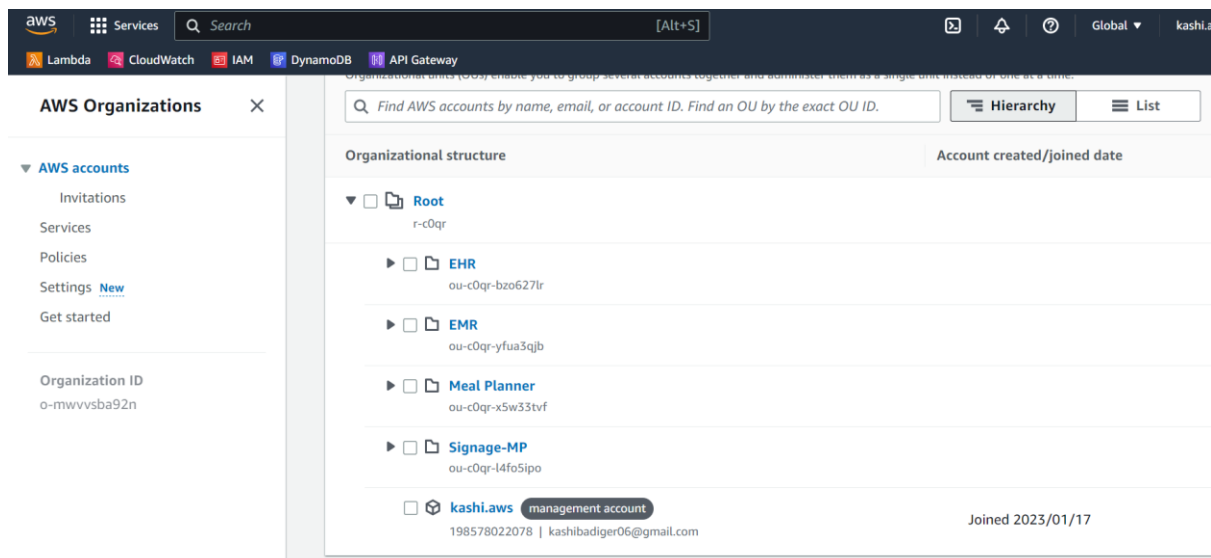


MODULE - 10

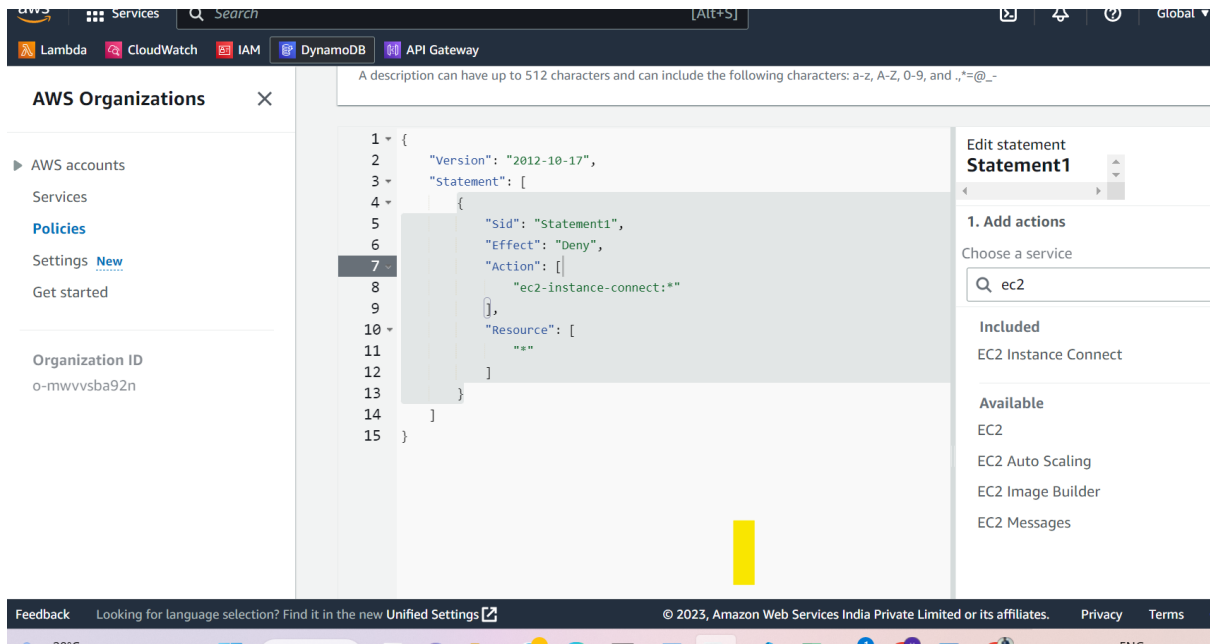
Module-10: Organizations Assignments - 2

You have been asked to:

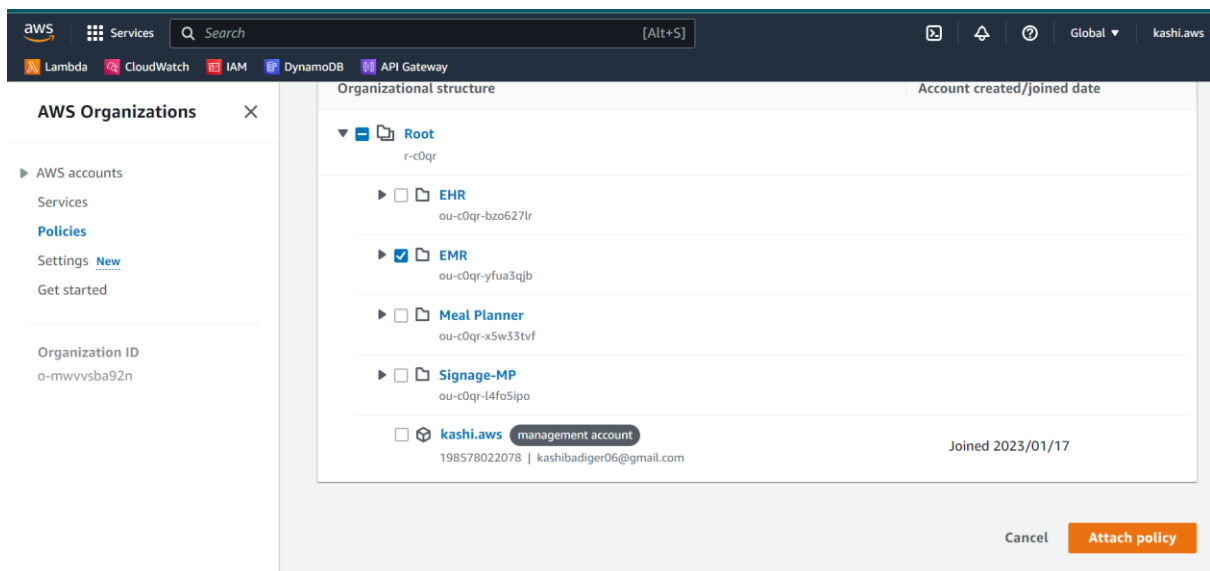
1. Create an AWS organization
2. Create 3 Organization Units – OU1, OU2 and OU3
3. Attach a Service Control policy which only allows access to EC2



➔ 4 Organization UNIT are created EMR,HER,MEAL PLANNER , Signage-MP (ou1 ,ou2,ou3 instead)



➔ Policy to connect ec2 is created

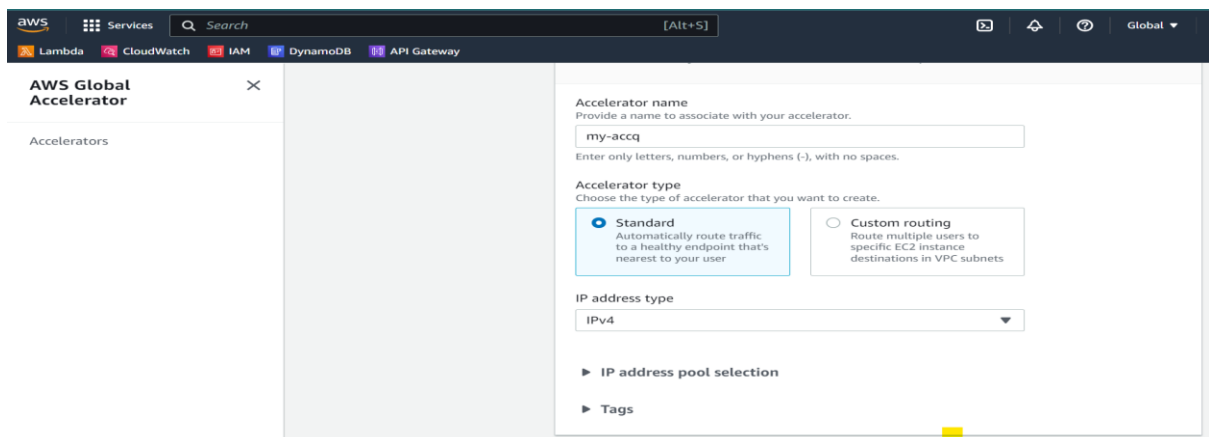


➔ Policy is attached to EMR OU

Module-10: Global Accelerator Assignment - 3

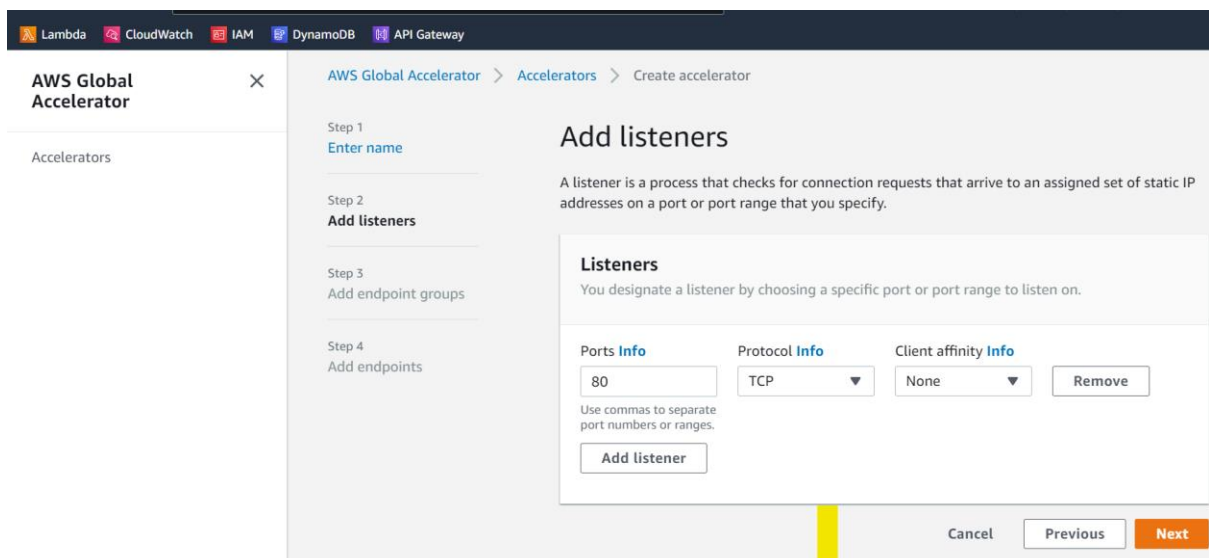
You have been asked to:

1. Create a Global Accelerator
 - a. Make an EC2 instance as an endpoint
 - b. Make a Load Balancer as an endpoint and should be in a different region than the EC2 instance



The screenshot shows the AWS Global Accelerator console. On the left, there's a sidebar with 'AWS Global Accelerator' and 'Accelerators'. The main area displays the 'Create accelerator' form. The 'Accelerator name' field is filled with 'my-accq'. The 'Accelerator type' section has 'Standard' selected, with a description: 'Automatically route traffic to a healthy endpoint that's nearest to your user'. The 'IP address type' is set to 'IPv4'. There are expandable sections for 'IP address pool selection' and 'Tags'.

➔ My-accq is name of accelerator with standard setting



The screenshot shows the 'Add listeners' step in the AWS Global Accelerator console. The breadcrumb trail is 'AWS Global Accelerator > Accelerators > Create accelerator'. The left sidebar shows the progress: Step 1 'Enter name', Step 2 'Add listeners' (current), Step 3 'Add endpoint groups', and Step 4 'Add endpoints'. The main area is titled 'Add listeners' and explains that a listener is a process that checks for connection requests. Below, the 'Listeners' section allows adding a listener by specifying a port, protocol, and client affinity. The 'Ports' field is set to '80', the 'Protocol' is 'TCP', and the 'Client affinity' is 'None'. There is an 'Add listener' button and a 'Remove' button. At the bottom right, there are 'Cancel', 'Previous', and 'Next' buttons.

➔ Listener for checking connection request on range of port here port number given is 80.

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AWS Global Accelerator

×

Accelerators

Step 4

Add endpoints

Listener: 80 TCP

Global Accelerator routes traffic that arrives on these ports to endpoints in regional endpoint groups. All endpoints for an endpoint group must be in the same Region.

▼ Endpoint group: ap-south-1

Traffic dial: 100%

Endpoint type [Info](#)

Endpoint [Info](#)

Weight [Info](#)

EC2 instance ▼

i-05774527... ▼

128

Remove

A number from 0 to 255.

Preserve client IP address [Info](#)

All internal EC2 instances automatically preserve the client IP address. Make sure that your endpoints are configured to accept traffic from the preserved client IP addresses.

☒ Preserve client IP address

Add endpoint

Cancel

Previous

Create accelerator

➔ Added EC-2 as endpoint

b.

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AWS Global Accelerator

×

Accelerators

Step 3

Add endpoints

Global Accelerator routes traffic that arrives on these ports to endpoints in regional endpoint groups. All endpoints for an endpoint group must be in the same Region.

▼ Endpoint group: ap-south-1

Traffic dial: 100%

Endpoint type [Info](#)

Endpoint [Info](#)

Weight [Info](#)

Application Load ... ▼

arn:aws:elasticlo... ▼

128

Remove

A number from 0 to 255.

Preserve client IP address [Info](#)

Global Accelerator preserves the client IP address for internet-facing Application Load Balancers unless you clear the check box to disable the feature. All internal Application Load Balancers automatically preserve the client IP address. Make sure that your endpoints are configured to accept traffic from the preserved client IP addresses.

☒ Preserve client IP address

Add endpoint

Cancel

Previous

Save

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API Gateway

AWS Global Accelerator

Accelerators

443

TCP

None

ARN

arn:aws:globalaccelerator::198578022078:accelerator/673cc8b0-b788-42ce-a745-c512f6873c42/listener/a09af37f

Routing type

Standard

Endpoint groups (2)

View details

Edit

Remove

Add endpoint group

Find endpoint groups

< 1 >

	Endpoint group ID	Region	Traffic dial
<input type="radio"/>	arn...052c96590005	us-west-2	100%
<input type="radio"/>	arn...ee94f3a6b00a	ap-south-1	100%

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➔ Added multiple listeners in different region as that of ec2