



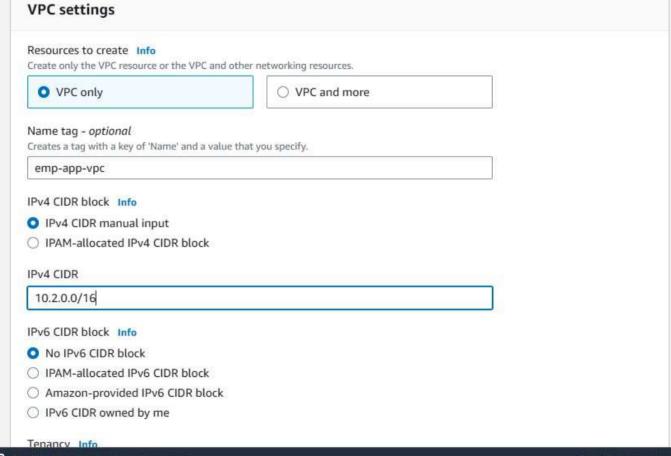
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VPC > Your VPCs > Create VPC

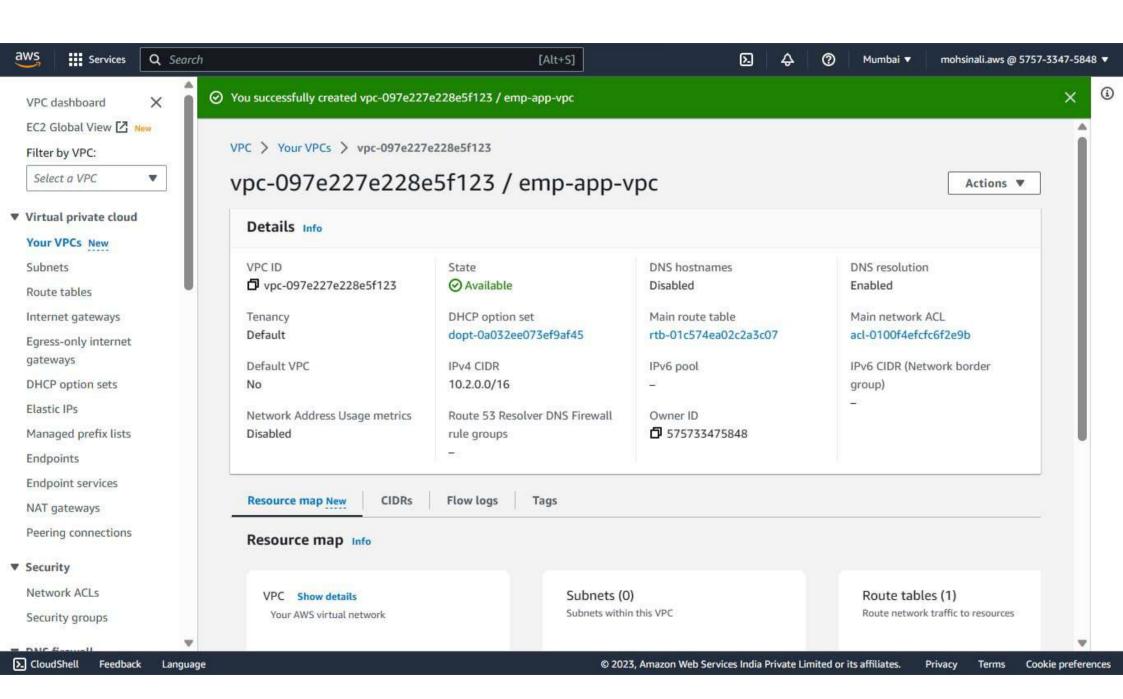
Q Search

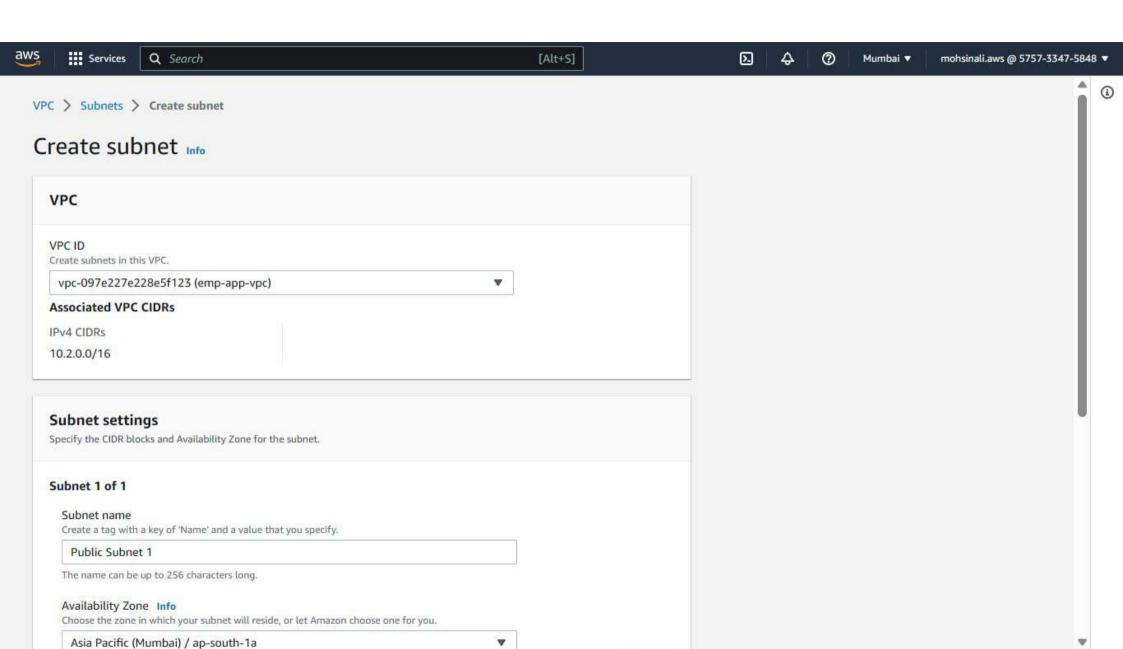
Create VPC Info

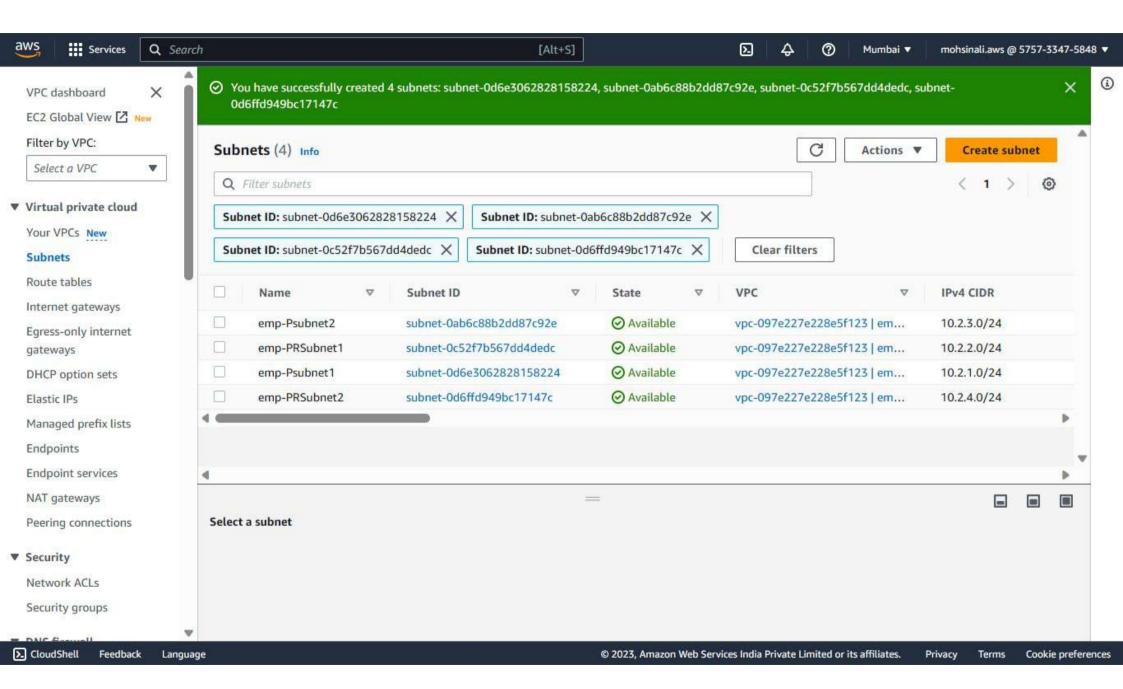
A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.













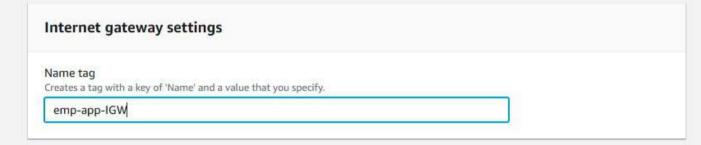
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VPC > Internet gateways > Create internet gateway

Create internet gateway Info

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.



Tags - optional A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs. Value - optional Key X X Q emp-app-IGW Q Name Remove Add new tag You can add 49 more tags.

Cancel

Create internet gateway





VPC > Internet gateways > Attach to VPC (igw-0df7d83b4d3f60a2c)

Attach to VPC (igw-0df7d83b4d3f60a2c) Info



Cancel



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VPC > Route tables > Create route table

Create route table Info

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings	
Name - optional	
Create a tag with a key of 'Name' and a value that you specify.	
emp-PublicRT	
VPC	
The VPC to use for this route table.	
vpc-097e227e228e5f123 (emp-app-vpc)	▼

Tags A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs. Value - optional Key Q Name X Q emp-PublicRT X Remove Add new tag You can add 49 more tags.

Cancel

[Alt+S]

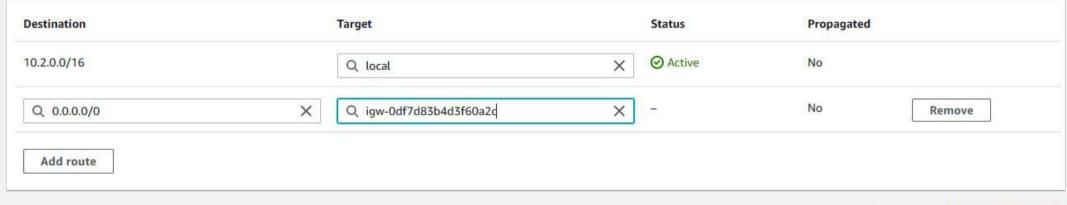
Create route table





VPC > Route tables > rtb-0baf4ab8827b6989d > Edit routes

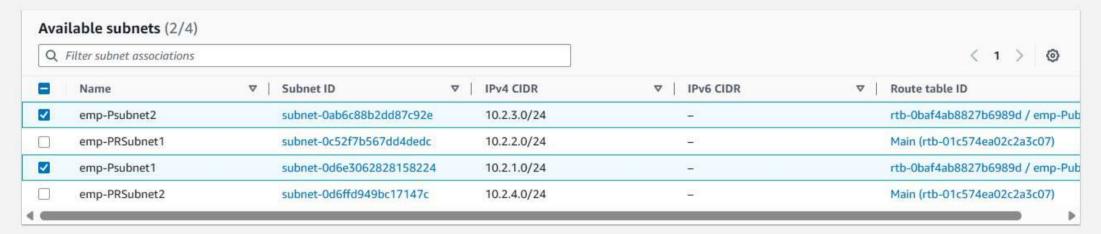
Edit routes



Cancel Preview Save changes

Edit subnet associations

Change which subnets are associated with this route table.



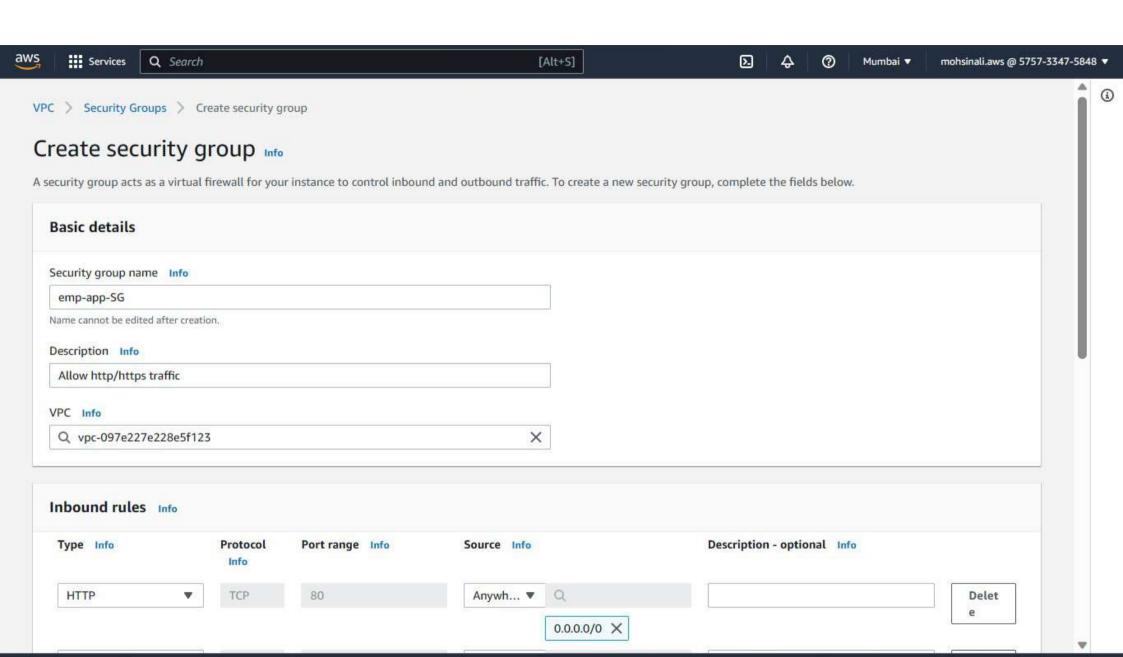
Selected subnets

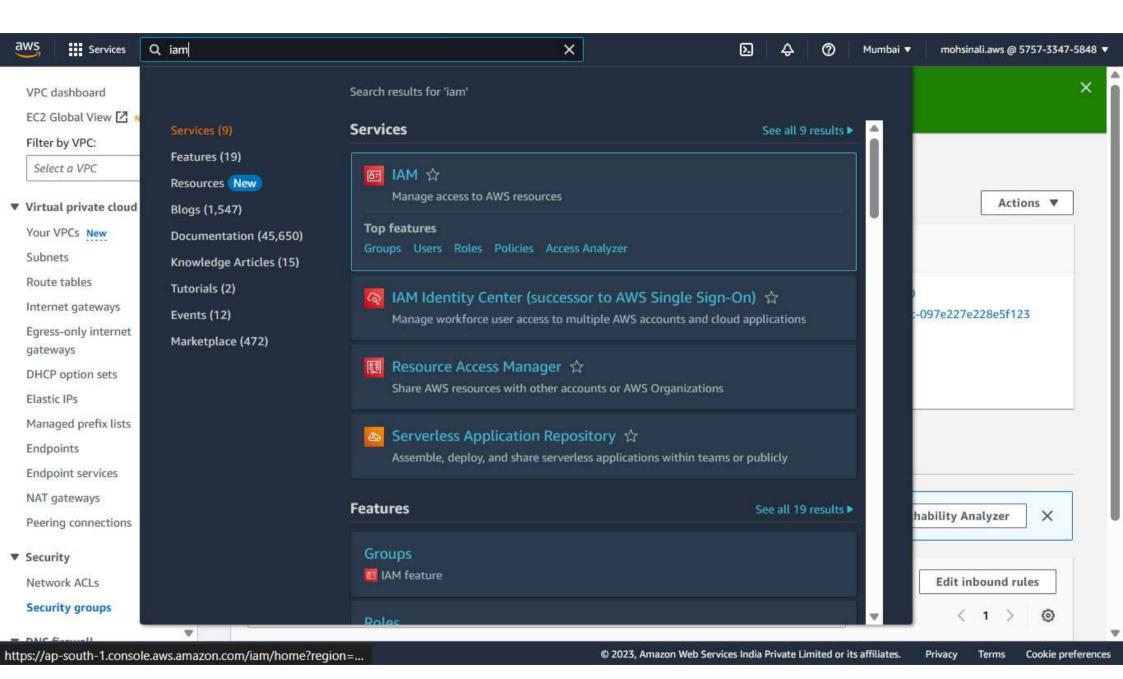
subnet-0d6e3062828158224 / emp-Psubnet1 X subnet-0ab6c88b2dd87c92e / emp-Psubnet2 X

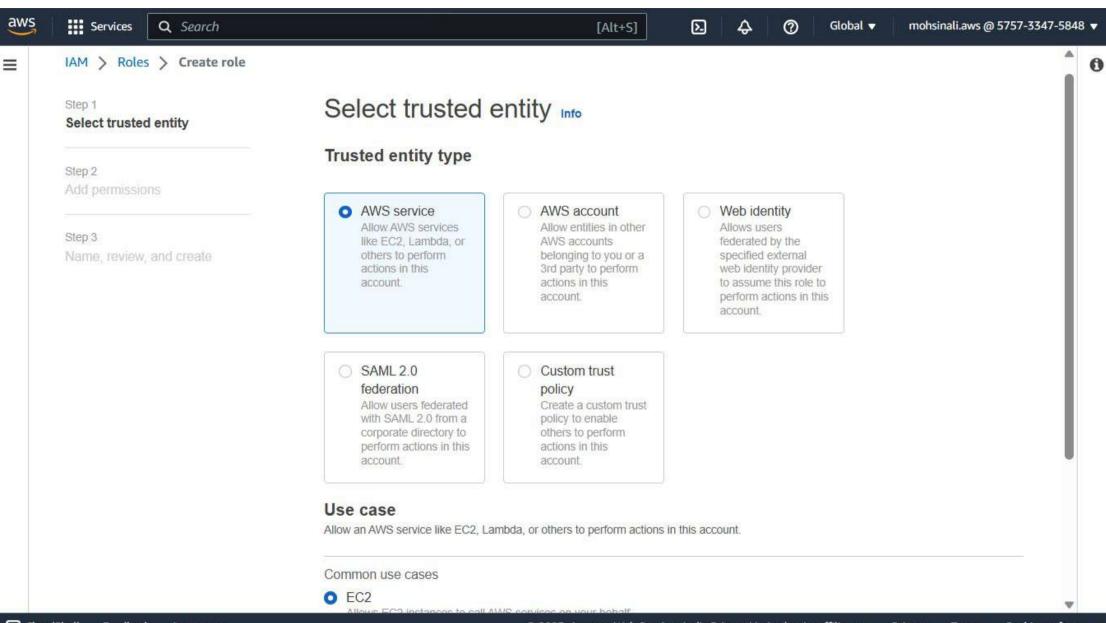
Cancel

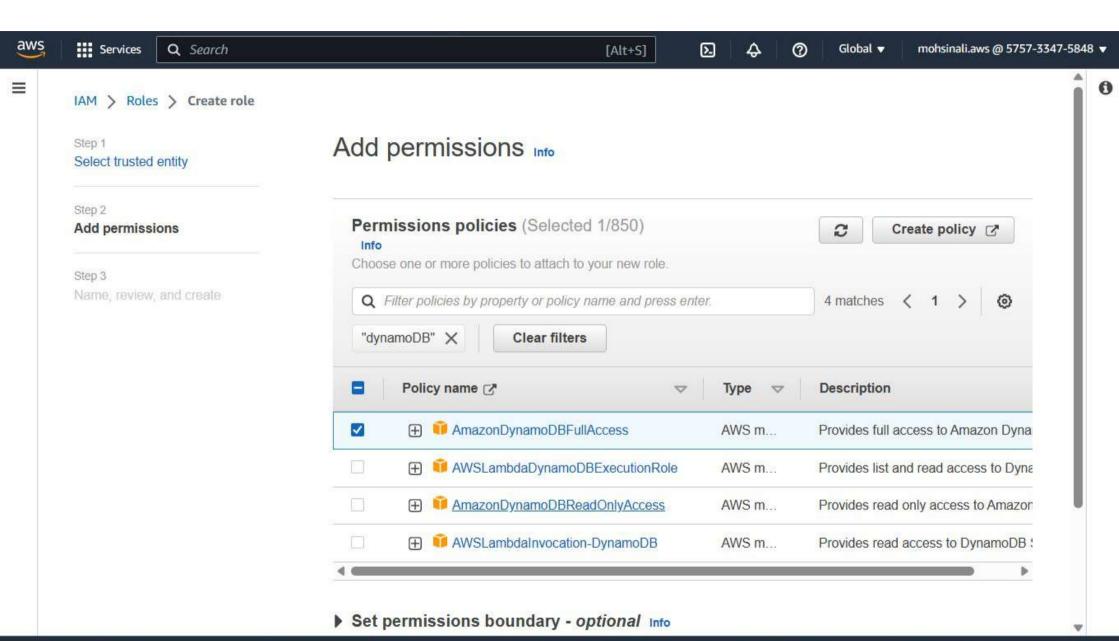
Save associations

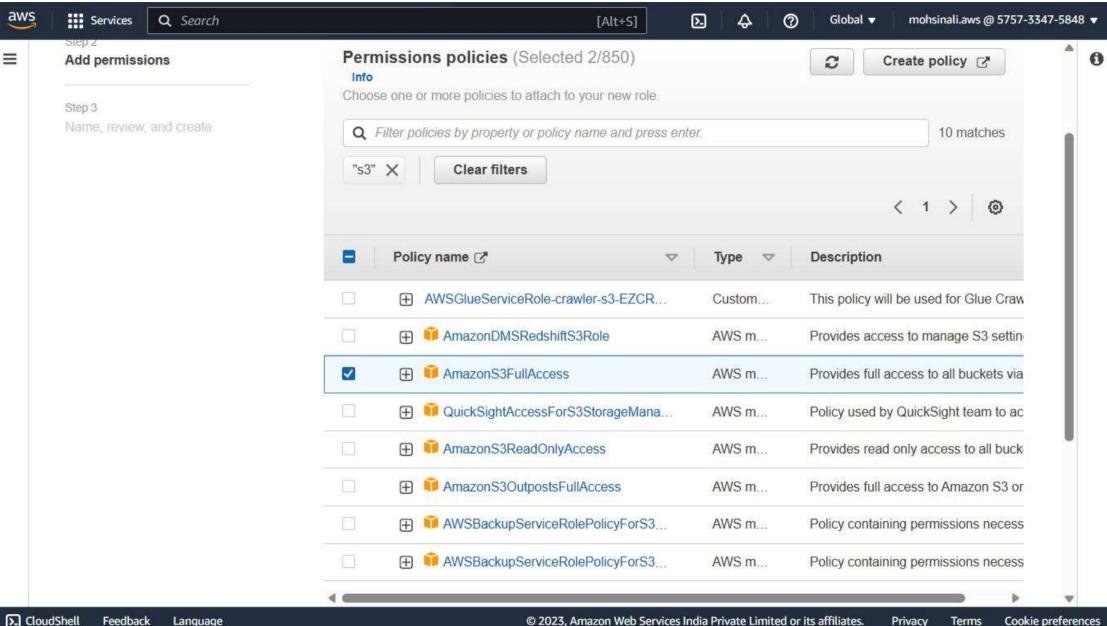


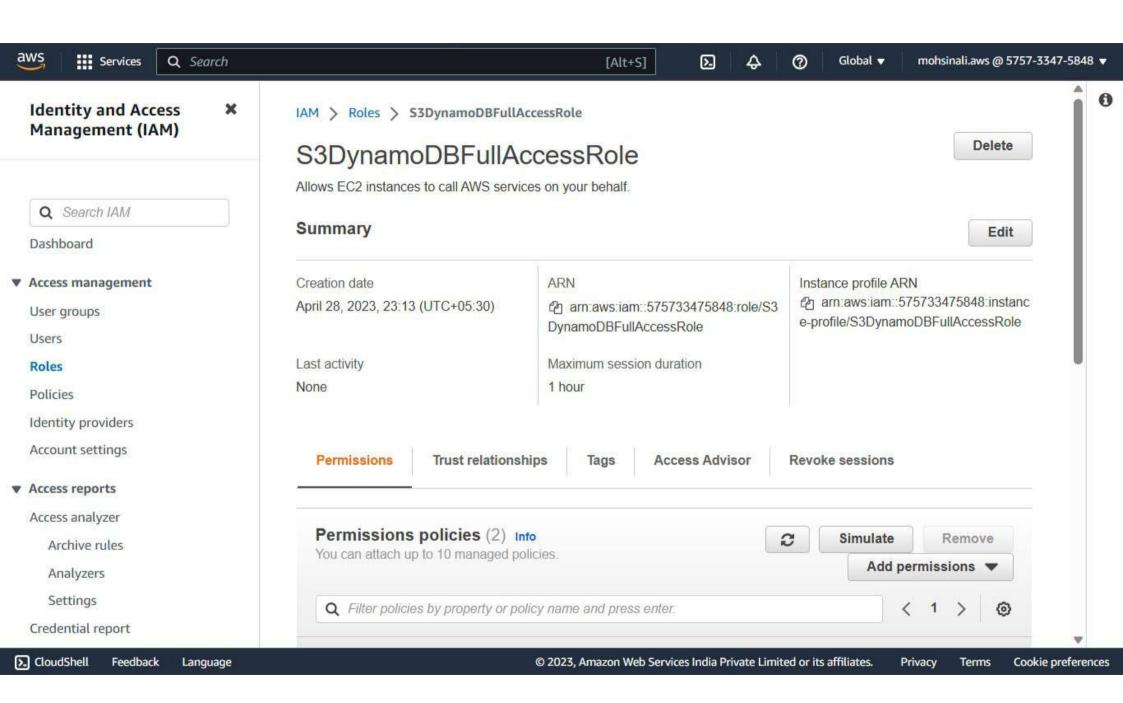


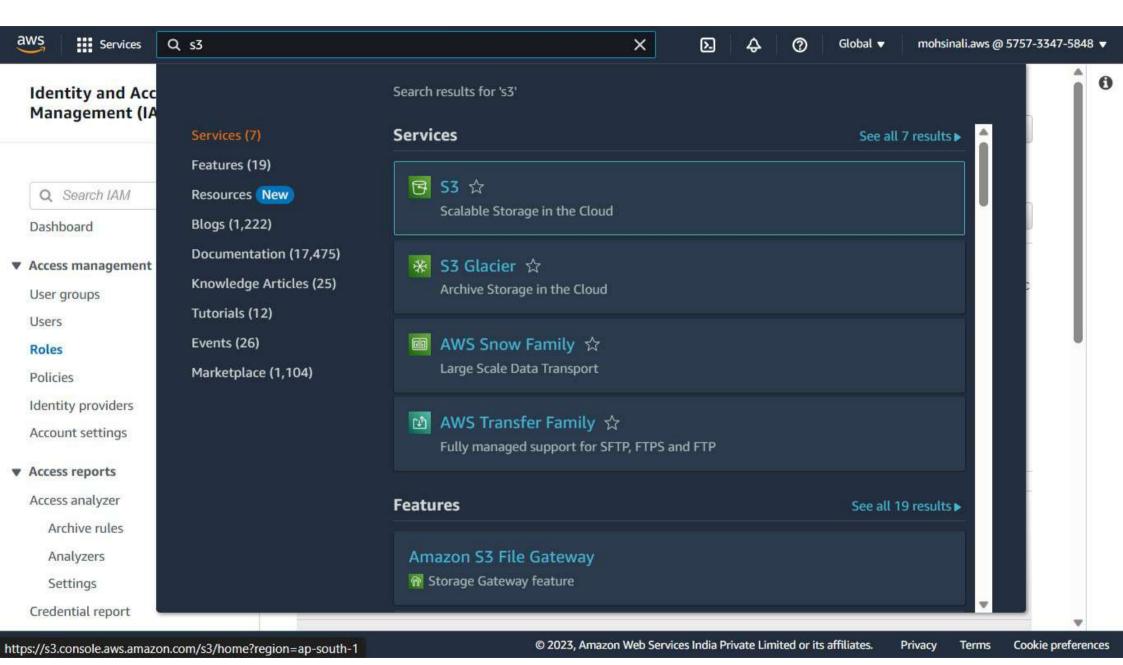


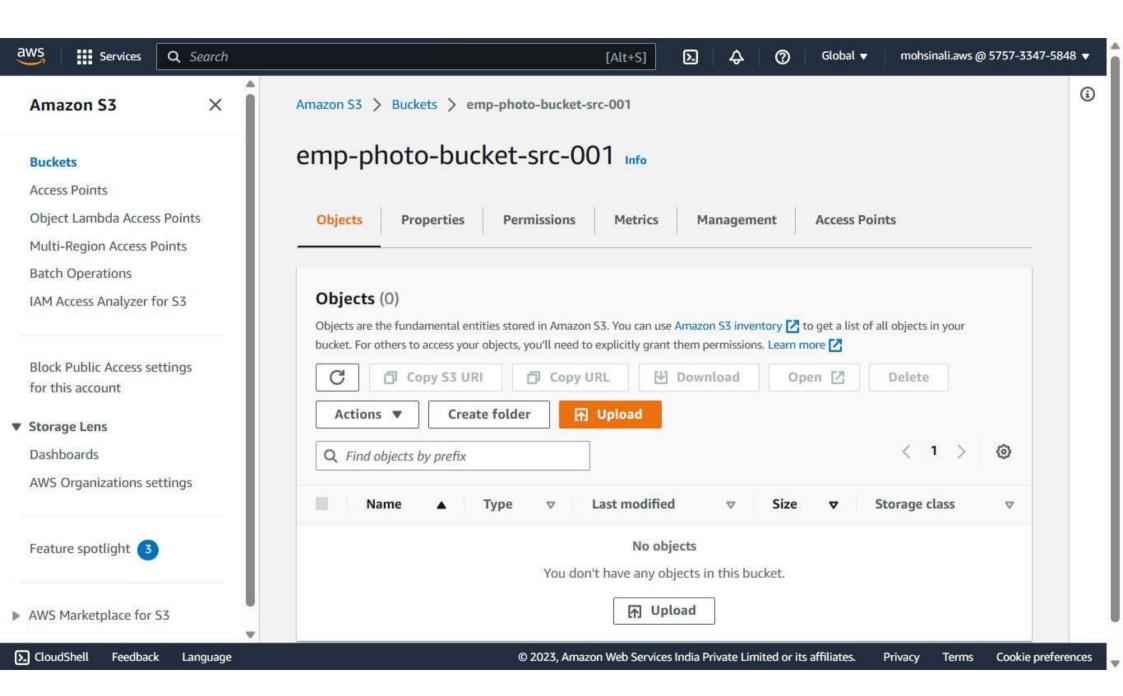


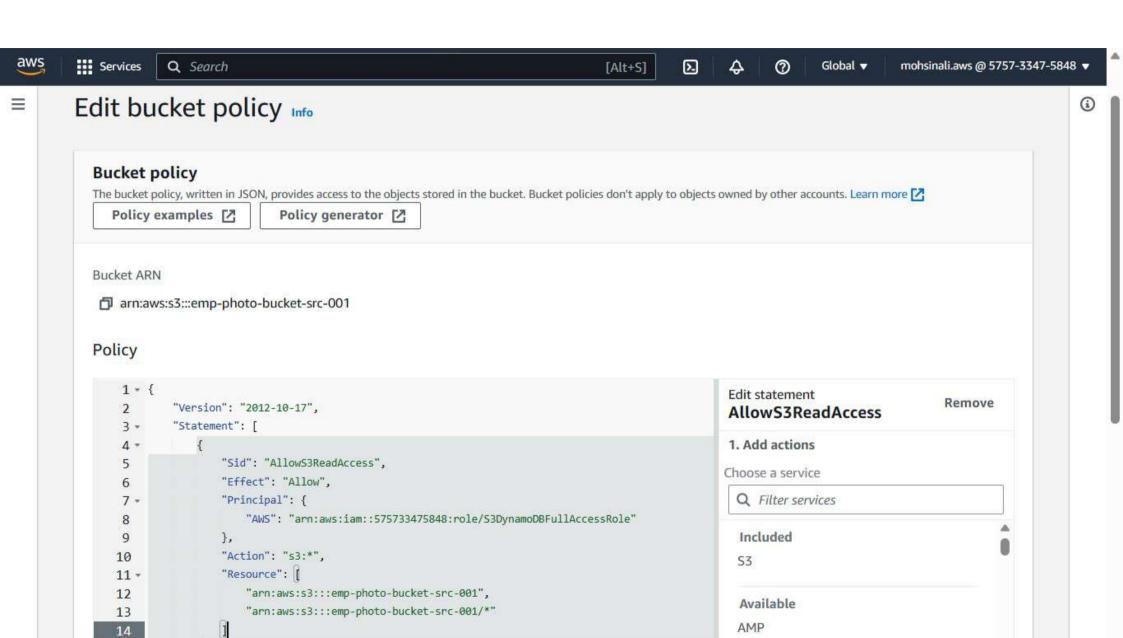




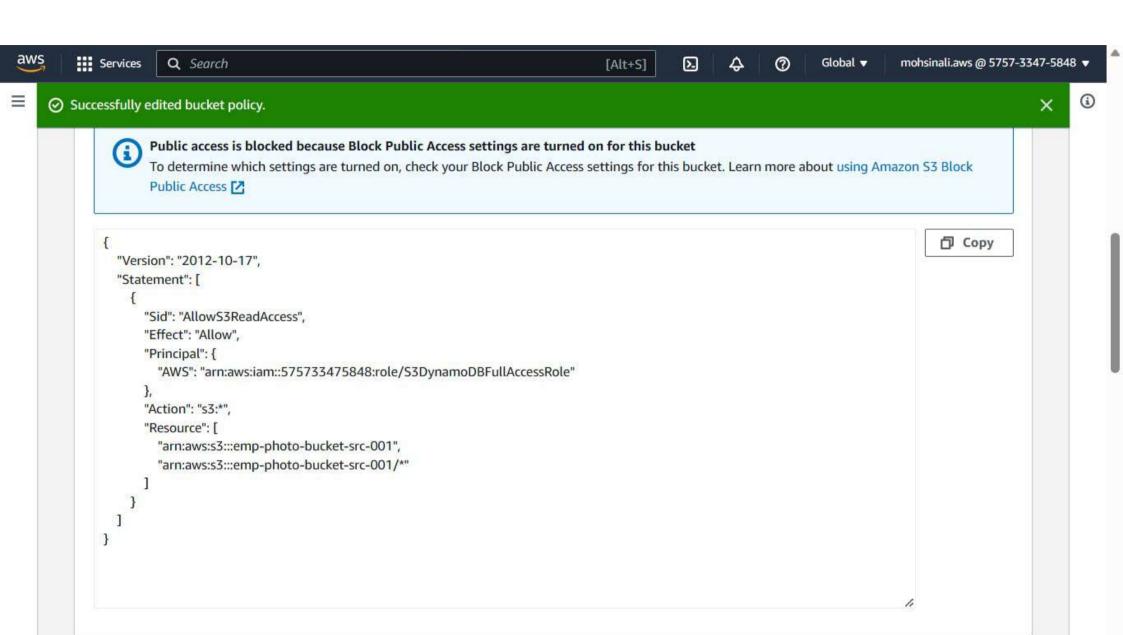






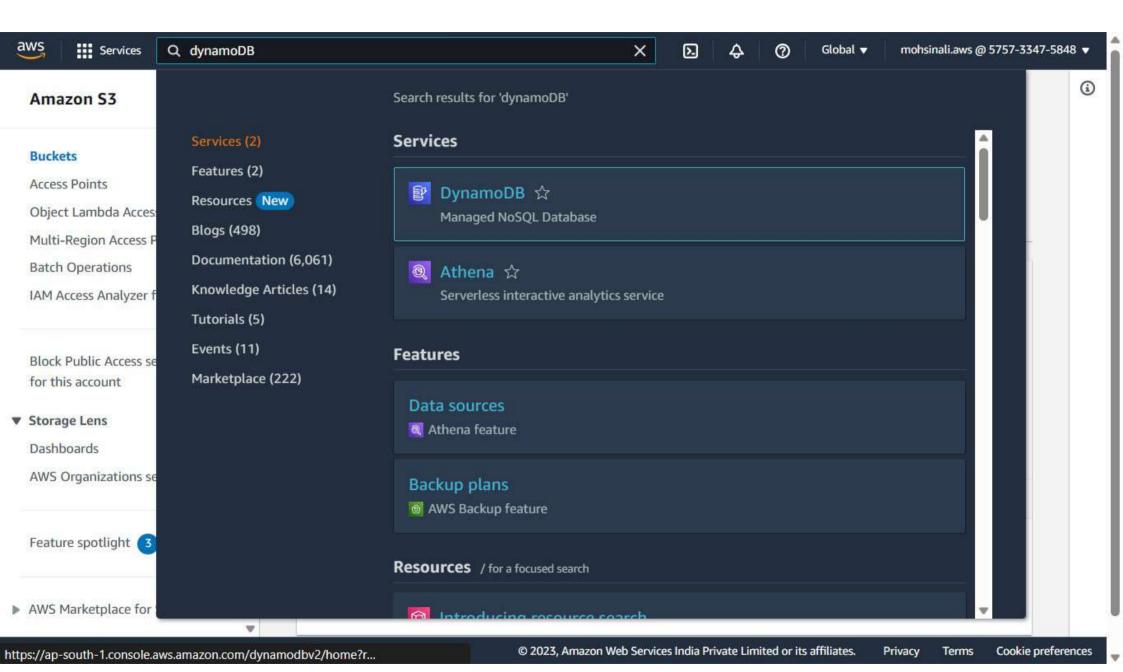


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Feedback

Language



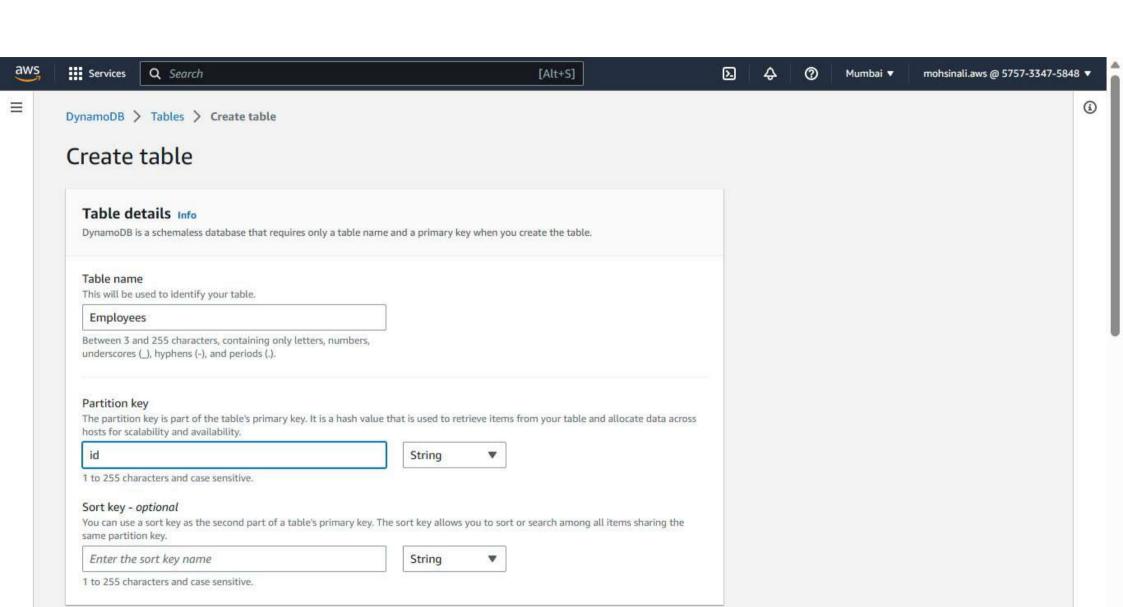
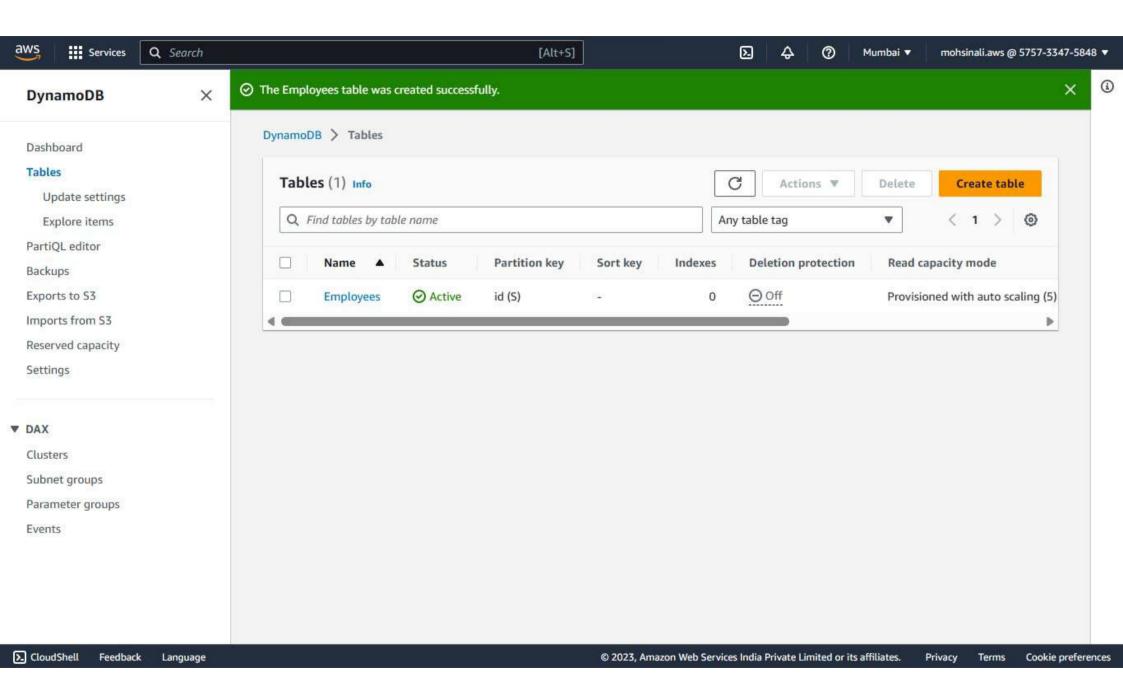
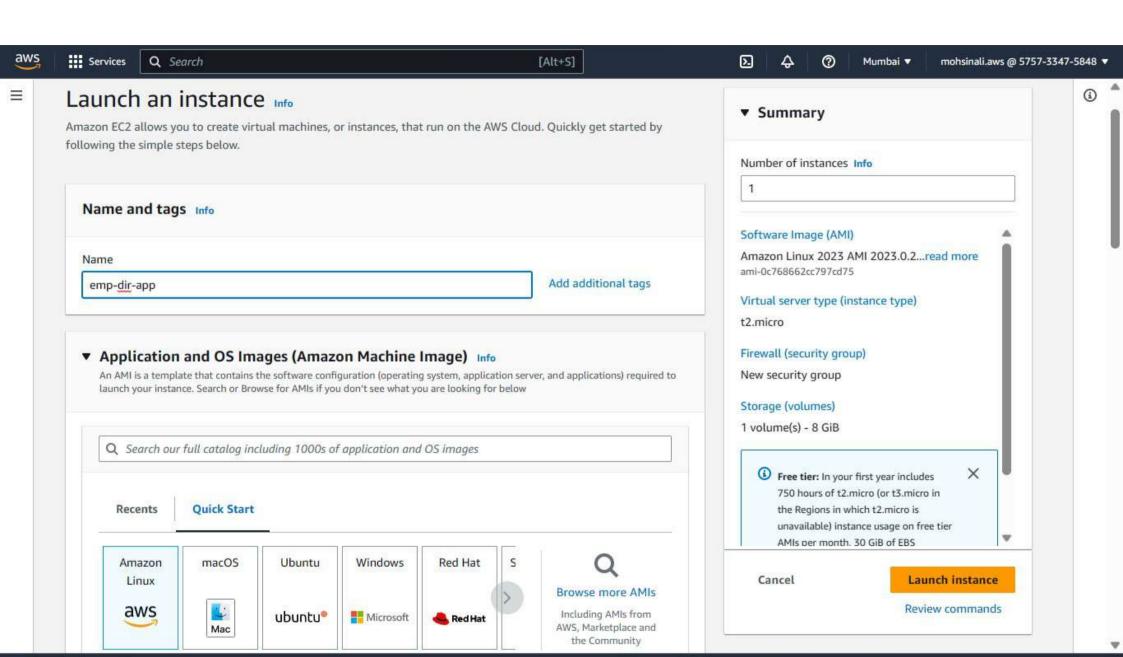
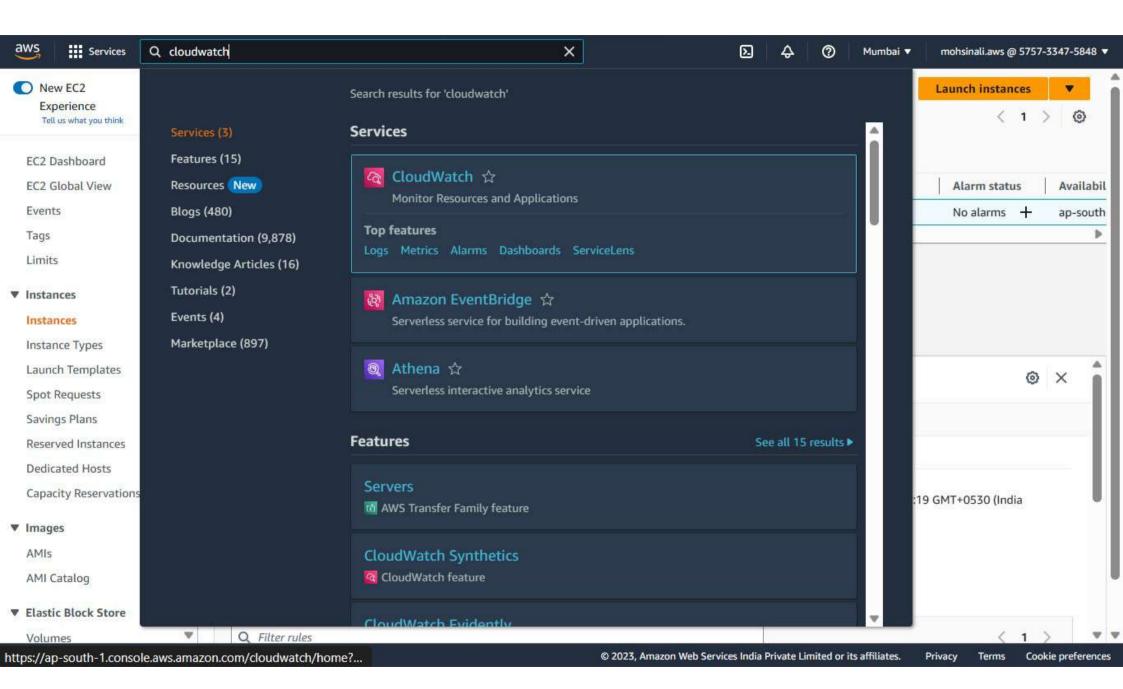


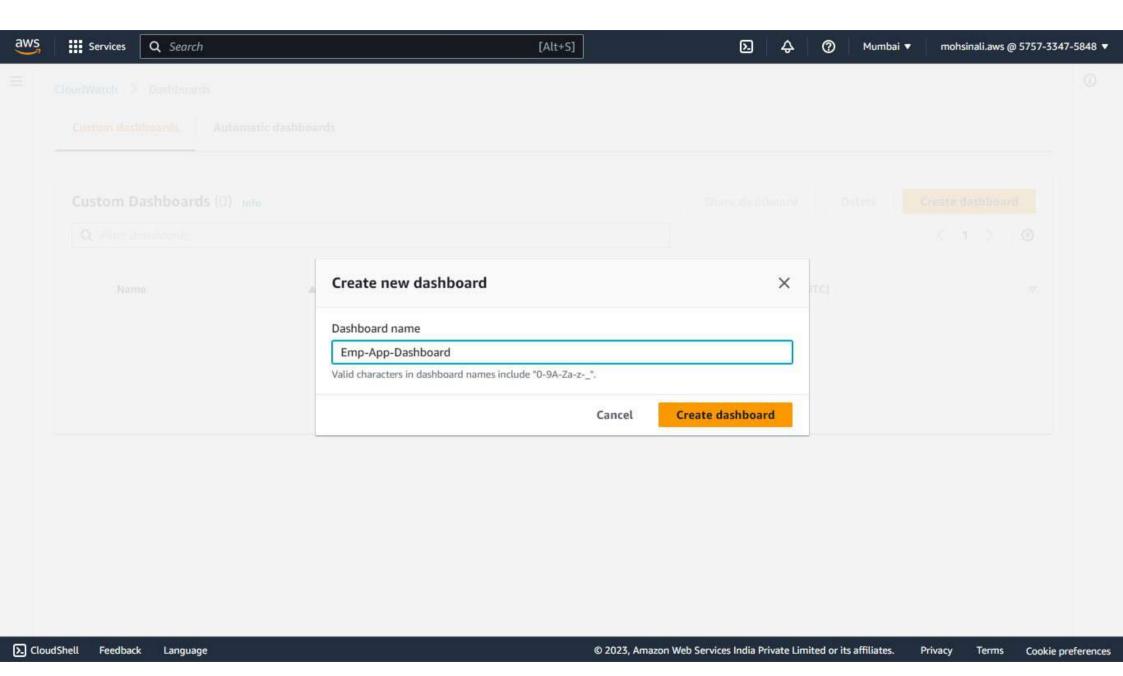
Table settings

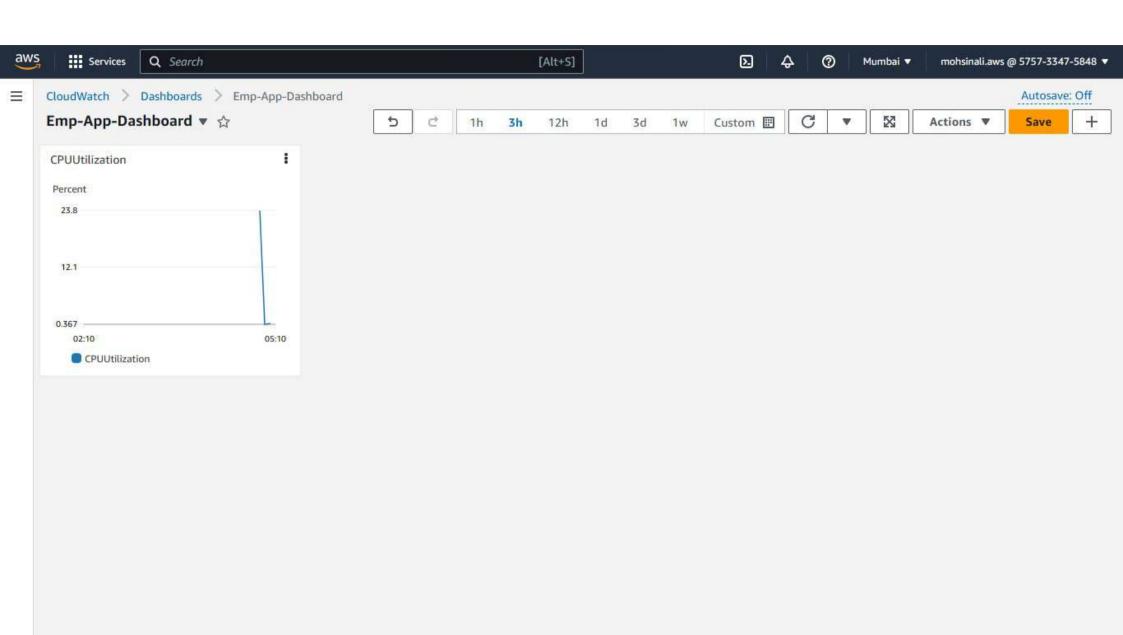


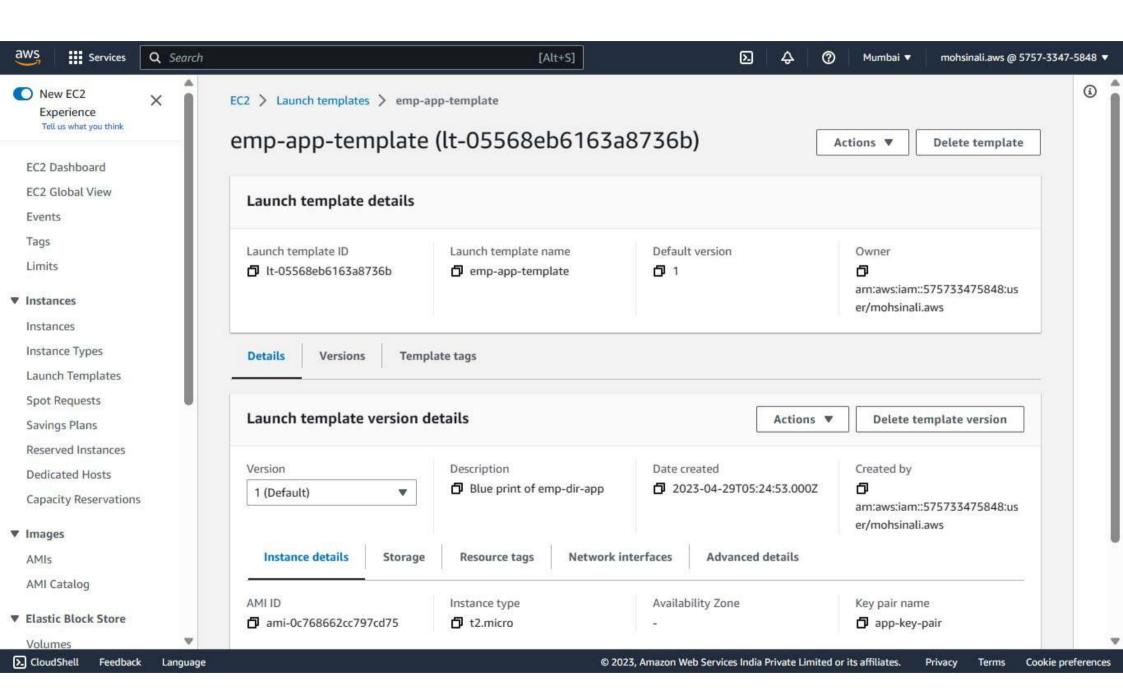














Create Application Load Balancer Info

The Application Load Balancer distributes incoming HTTP and HTTPS traffic across multiple targets such as Amazon EC2 instances, microservices, and containers, based on request attributes. When the load balancer receives a connection request, it evaluates the listener rules in priority order to determine which rule to apply, and if applicable, it selects a target from the target group for the rule action.

▶ How Elastic Load Balancing works

Basic configuration

Load balancer name

Name must be unique within your AWS account and can't be changed after the load balancer is created.

emp-app-LB

A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.

Scheme Info

Scheme can't be changed after the load balancer is created.

Internet-facing

An internet-facing load balancer routes requests from clients over the internet to targets. Requires a public subnet. Learn more [2]

Internal

An internal load balancer routes requests from clients to targets using private IP addresses.

IP address type Info

Select the type of IP addresses that your subnets use.

O IPv4

Recommended for internal load balancers.

Dualstack

Includes IPv4 and IPv6 addresses.



