Assignment:

****

- Create a VPC

- Two EC2 instances with websites in two public subnets in different Availability Zones.

- Using load balancer and autoscaling must ensure high availability and fault tolerance (See the attached diagram)

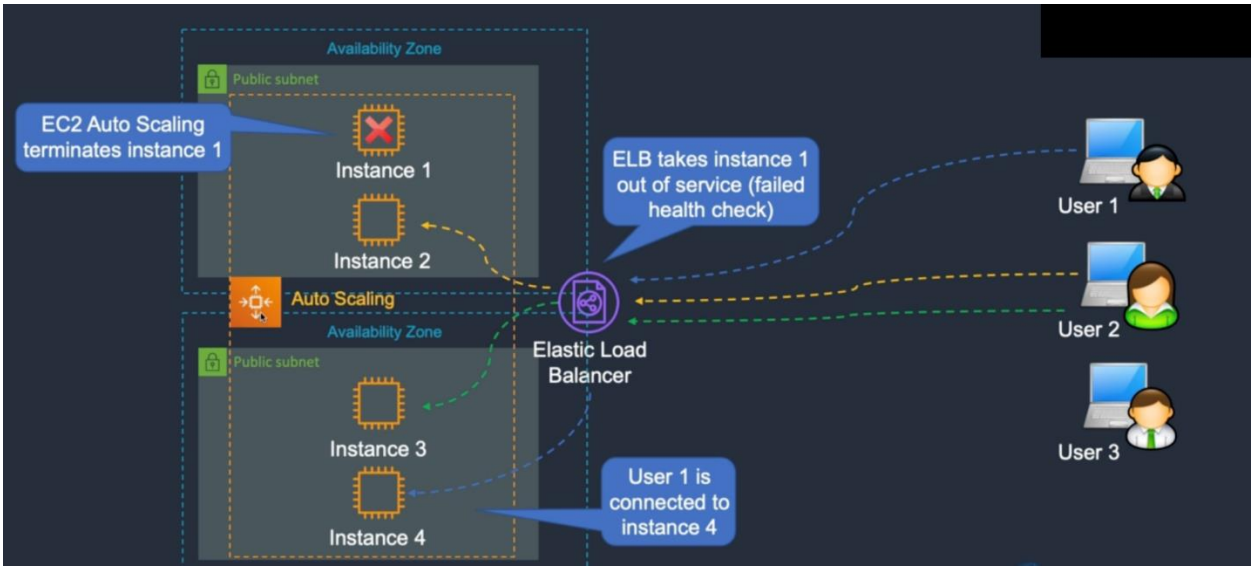


Figure: Load Balancer

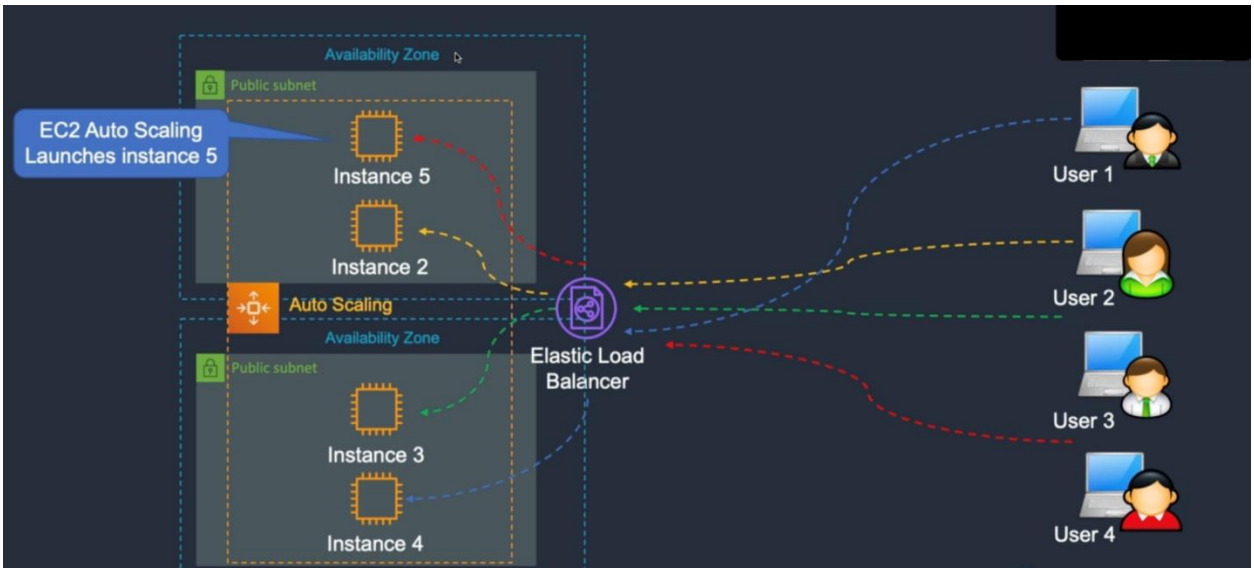
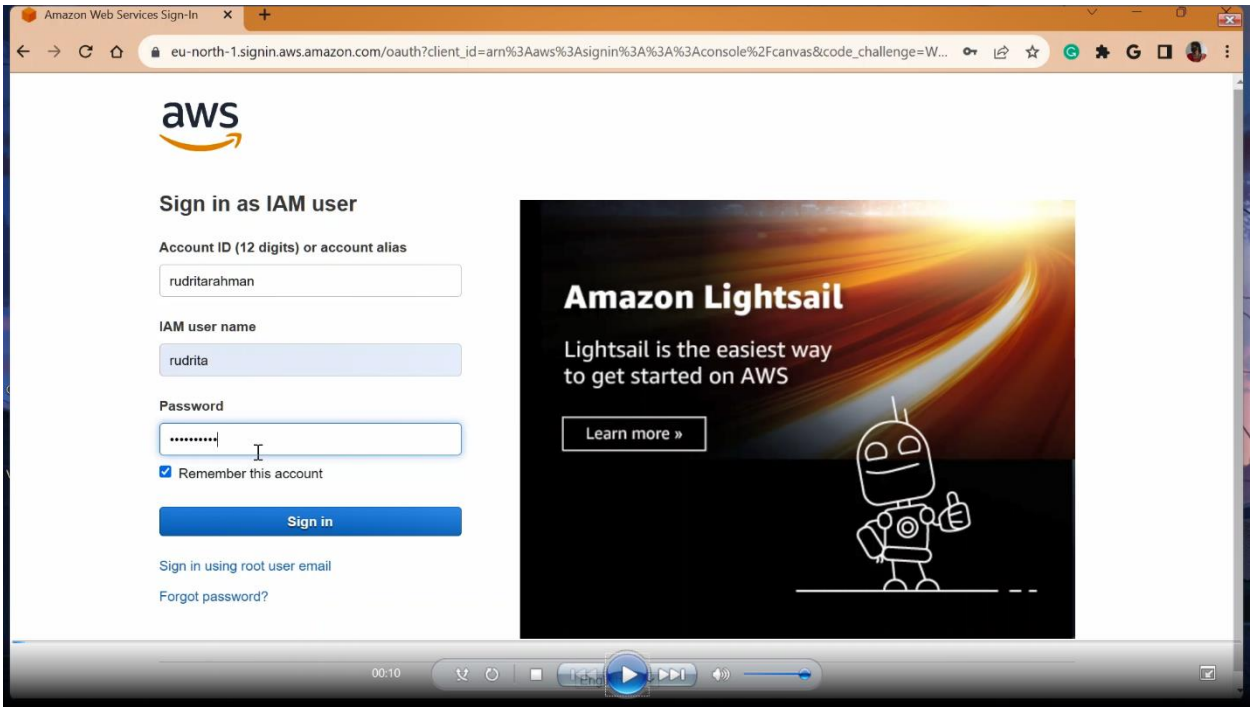
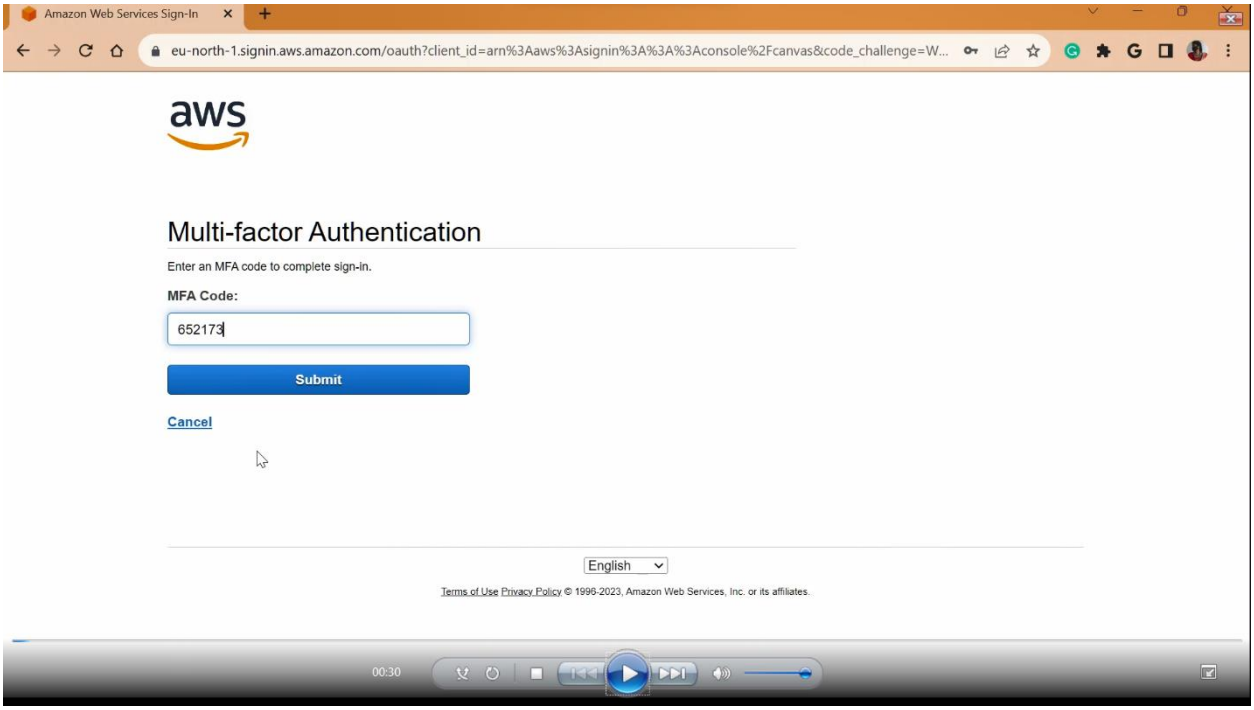
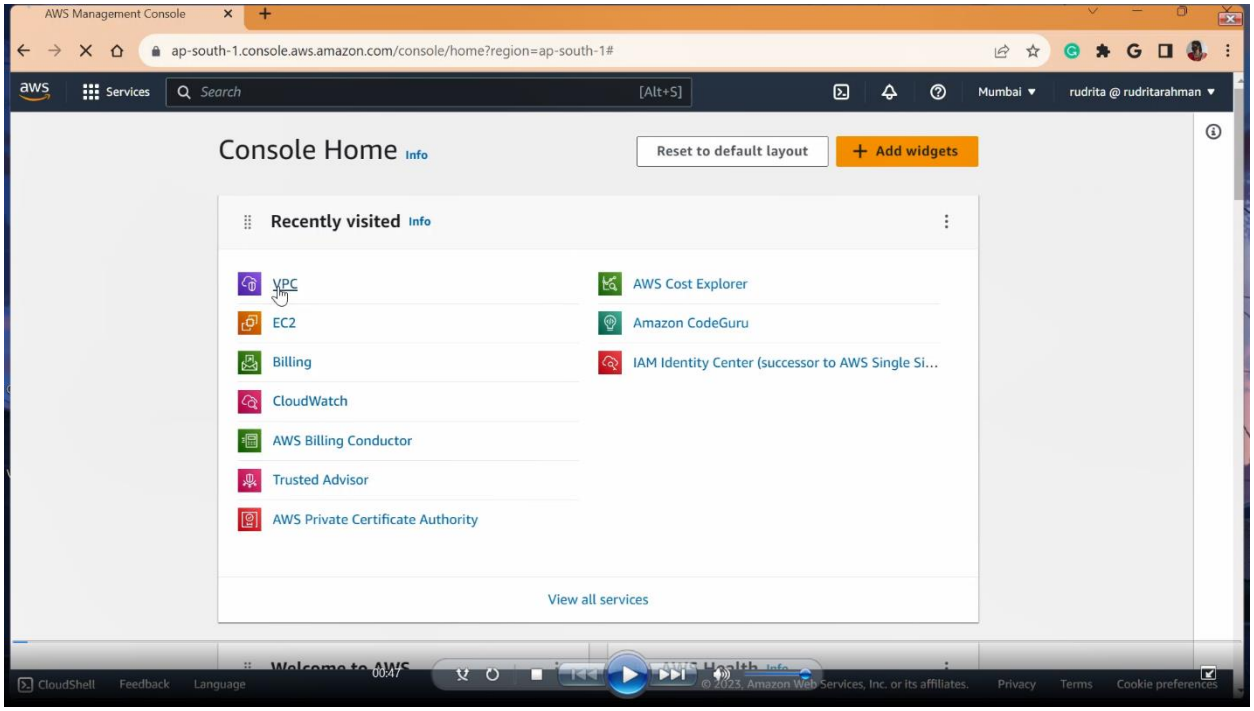


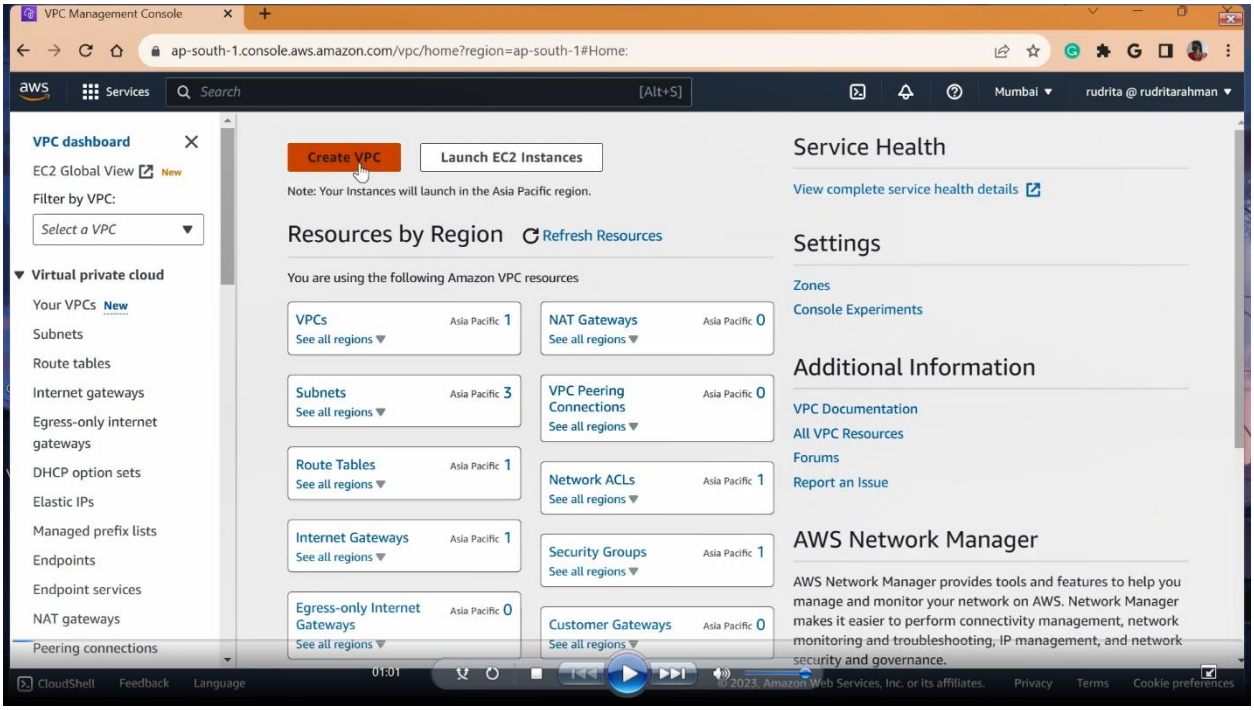
Figure: Auto Scaling

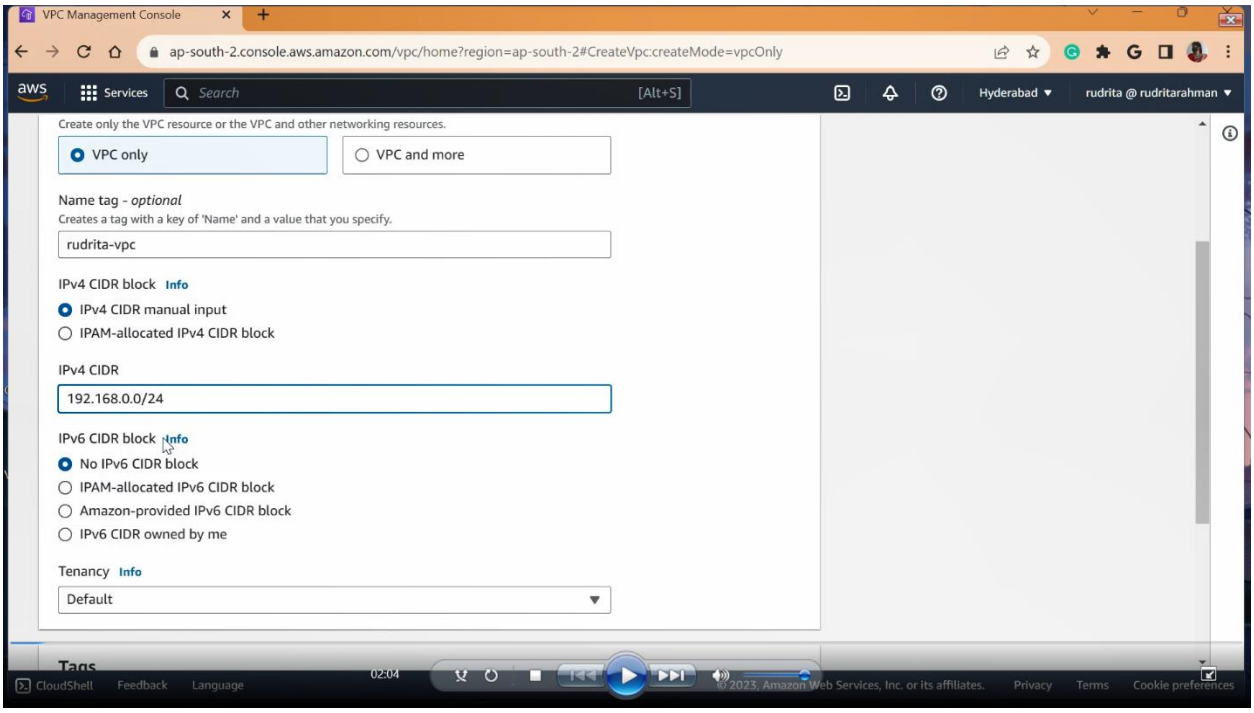
Please follow the following steps to complete the given assignment:






AWS Management Console
ap-south-1.console.aws.amazon.com/console/home?region=ap-south-1#
Services
Search
[Alt+S]
Mumbai
rudrita @ rudritarahman
Console Home Info
Reset to default layout
+ Add widgets
Recently visited Info
VPC
EC2
Billing
CloudWatch
AWS Billing Conductor
Trusted Advisor
AWS Private Certificate Authority
AWS Cost Explorer
Amazon CodeGuru
IAM Identity Center (successor to AWS Single Si...
View all services
CloudShell
Feedback
Language
00:47
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#Home:
Services
Search
[Alt+S]
Mumbai
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Create VPC
Launch EC2 Instances
Note: Your Instances will launch in the Asia Pacific region.
Resources by Region
Refresh Resources
You are using the following Amazon VPC resources
VPCs Asia Pacific 1 See all regions
NAT Gateways Asia Pacific 0 See all regions
Subnets Asia Pacific 3 See all regions
VPC Peering Connections Asia Pacific 0 See all regions
Route Tables Asia Pacific 1 See all regions
Network ACLs Asia Pacific 1 See all regions
Internet Gateways Asia Pacific 1 See all regions
Security Groups Asia Pacific 1 See all regions
Egress-only Internet Gateways Asia Pacific 0 See all regions
Customer Gateways Asia Pacific 0 See all regions
Service Health
View complete service health details
Settings
Zones
Console Experiments
Additional Information
VPC Documentation
All VPC Resources
Forums
Report an Issue
AWS Network Manager
AWS Network Manager provides tools and features to help you manage and monitor your network on AWS. Network Manager makes it easier to perform connectivity management, network monitoring and troubleshooting, IP management, and network security and governance.
CloudShell
Feedback
Language
01:01
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateVpc:createMode=vpcOnly
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Create only the VPC resource or the VPC and other networking resources.
VPC only
VPC and more
Name tag - optional
Creates a tag with a key of 'Name' and a value that you specify.
rudrita-vpc
IPv4 CIDR block Info
IPv4 CIDR manual input
IPAM-allocated IPv4 CIDR block
IPv4 CIDR
192.168.0.0/24
IPv6 CIDR block Info
No IPv6 CIDR block
IPAM-allocated IPv6 CIDR block
Amazon-provided IPv6 CIDR block
IPv6 CIDR owned by me
Tenancy Info
Default
Tags
02:04
CloudShell
Feedback
Language
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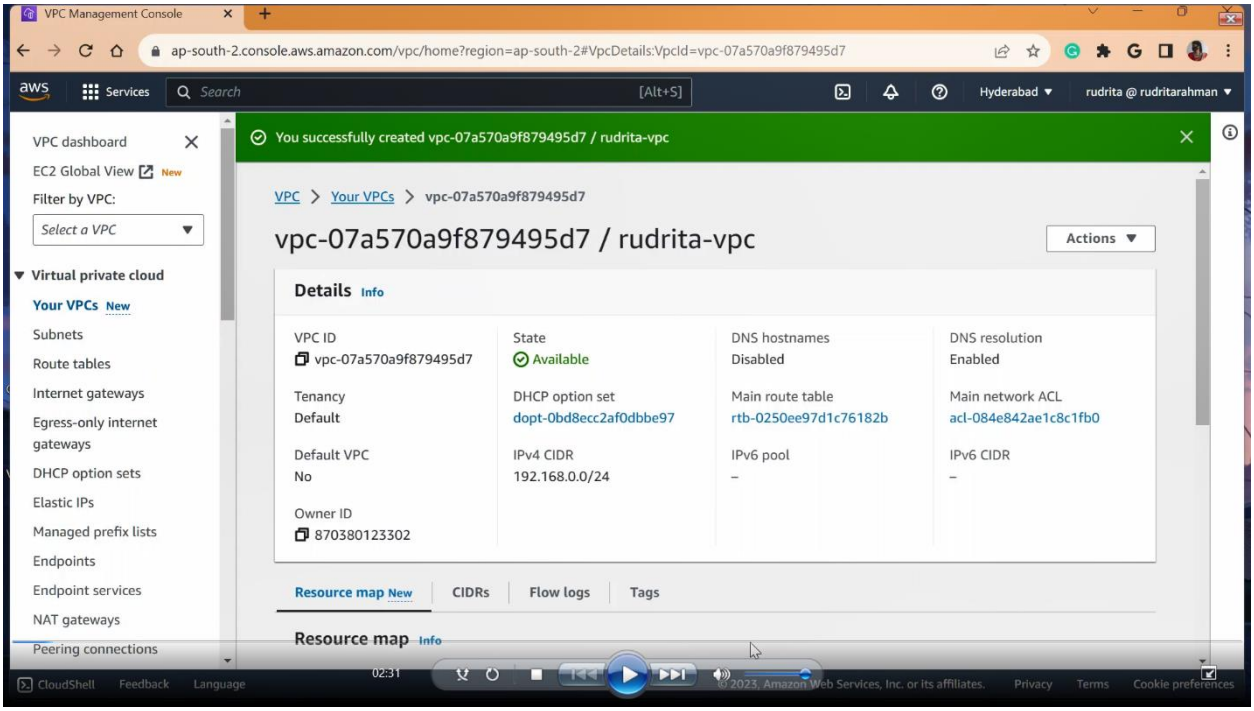
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#VpcDetails:VpcId=vpc-07a570a9f879495d7
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
You successfully created vpc-07a570a9f879495d7 / rudrita-vpc
VPC > Your VPCs > vpc-07a570a9f879495d7
vpc-07a570a9f879495d7 / rudrita-vpc
Actions
Details Info
VPC ID
vpc-07a570a9f879495d7
State
Available
DNS hostnames
Disabled
DNS resolution
Enabled
Tenancy
Default
DHCP option set
dopt-0bd8ecc2af0dbbe97
Main route table
rtb-0250ee97d1c76182b
Main network ACL
acl-084e842ae1c8c1fb0
Default VPC
No
IPv4 CIDR
192.168.0.0/24
IPv6 pool
–
IPv6 CIDR
–
Owner ID
870380123302
Resource map New
CIDRs
Flow logs
Tags
Resource map Info
02:31
CloudShell
Feedback
Language
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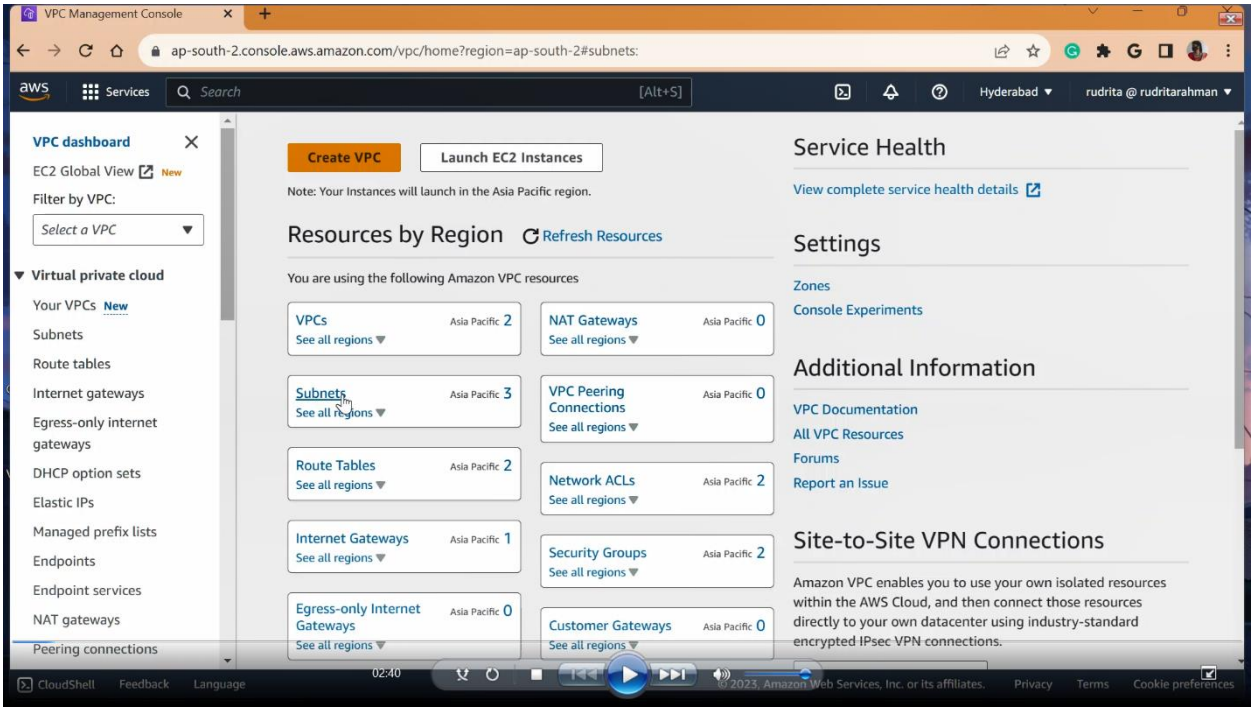
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#subnets:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Create VPC
Launch EC2 Instances
Note: Your Instances will launch in the Asia Pacific region.
Resources by Region
Refresh Resources
You are using the following Amazon VPC resources
VPCs Asia Pacific 2
See all regions
NAT Gateways Asia Pacific 0
Subnets Asia Pacific 3
VPC Peering Connections Asia Pacific 0
Route Tables Asia Pacific 2
Network ACLs Asia Pacific 2
Internet Gateways Asia Pacific 1
Security Groups Asia Pacific 2
Egress-only Internet Gateways Asia Pacific 0
Customer Gateways Asia Pacific 0
Service Health
View complete service health details
Settings
Zones
Console Experiments
Additional Information
VPC Documentation
All VPC Resources
Forums
Report an Issue
Site-to-Site VPN Connections
Amazon VPC enables you to use your own isolated resources within the AWS Cloud, and then connect those resources directly to your own datacenter using industry-standard encrypted IPsec VPN connections.
02:40
CloudShell
Feedback
Language
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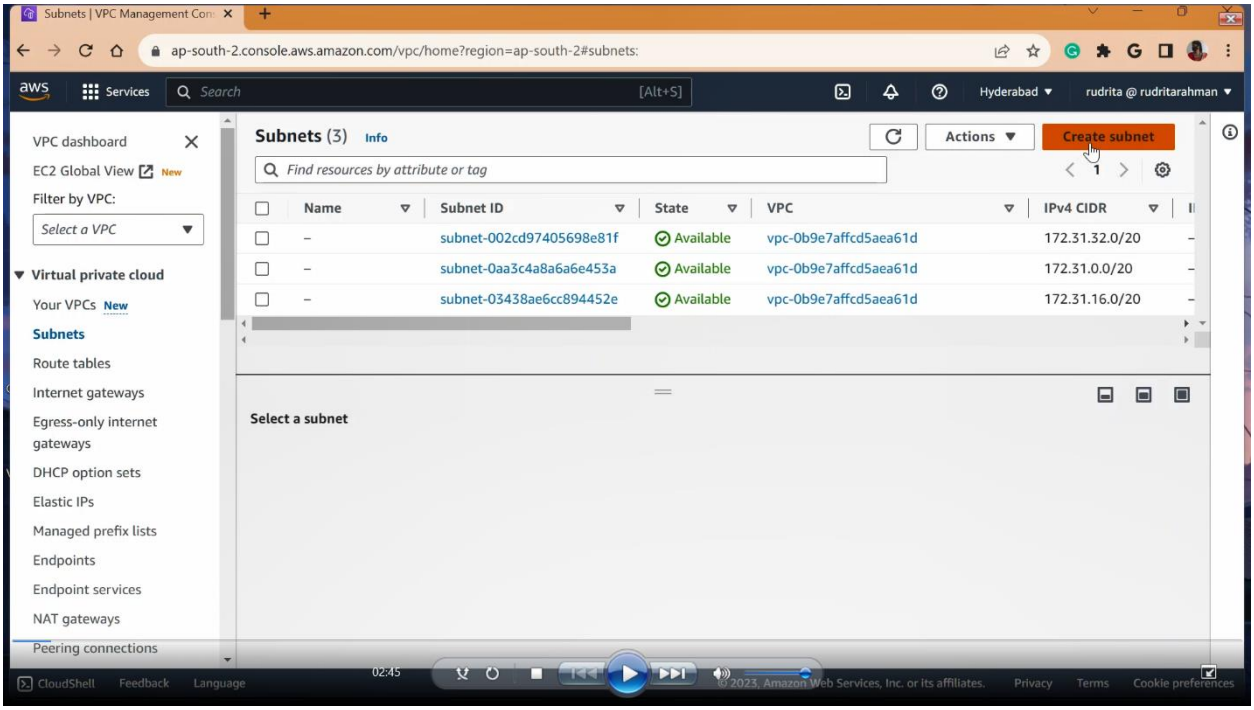
Terms
Cookie preferences


Subnets | VPC Management Con
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#subnets:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Subnets (3) Info
Actions
Create subnet
Find resources by attribute or tag
Name
Subnet ID
State
VPC
IPv4 CIDR
– subnet-002cd97405698e81f Available vpc-0b9e7affcd5aea61d 172.31.32.0/20
– subnet-0aa3c4a8a6a6e453a Available vpc-0b9e7affcd5aea61d 172.31.0.0/20
– subnet-03438ae6cc894452e Available vpc-0b9e7affcd5aea61d 172.31.16.0/20
Select a subnet
02:45
CloudShell
Feedback
Language
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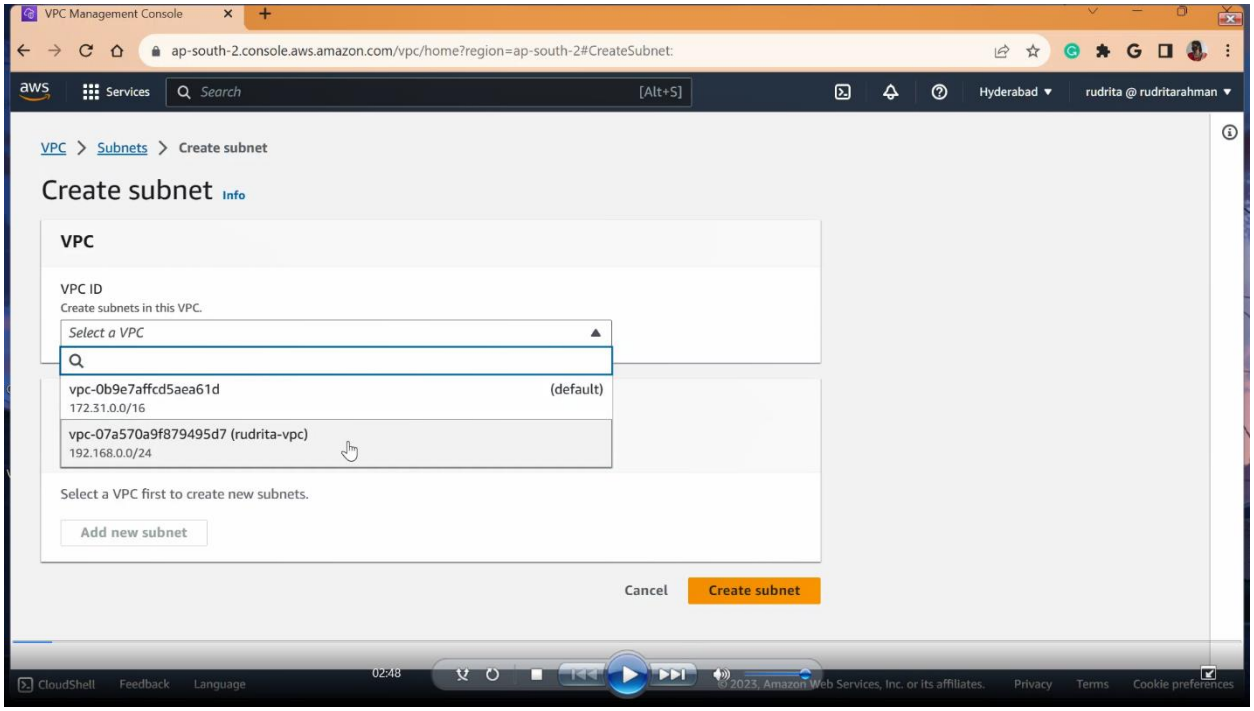
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateSubnet:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Subnets > Create subnet
Create subnet Info
VPC
VPC ID
Create subnets in this VPC.
Select a VPC
vpc-0b9e7affcd5aea61d (default)
172.31.0.0/16
vpc-07a570a9f879495d7 (rudrita-vpc)
192.168.0.0/24
Select a VPC first to create new subnets.
Add new subnet
Cancel
Create subnet
CloudShell
Feedback
Language
02:48
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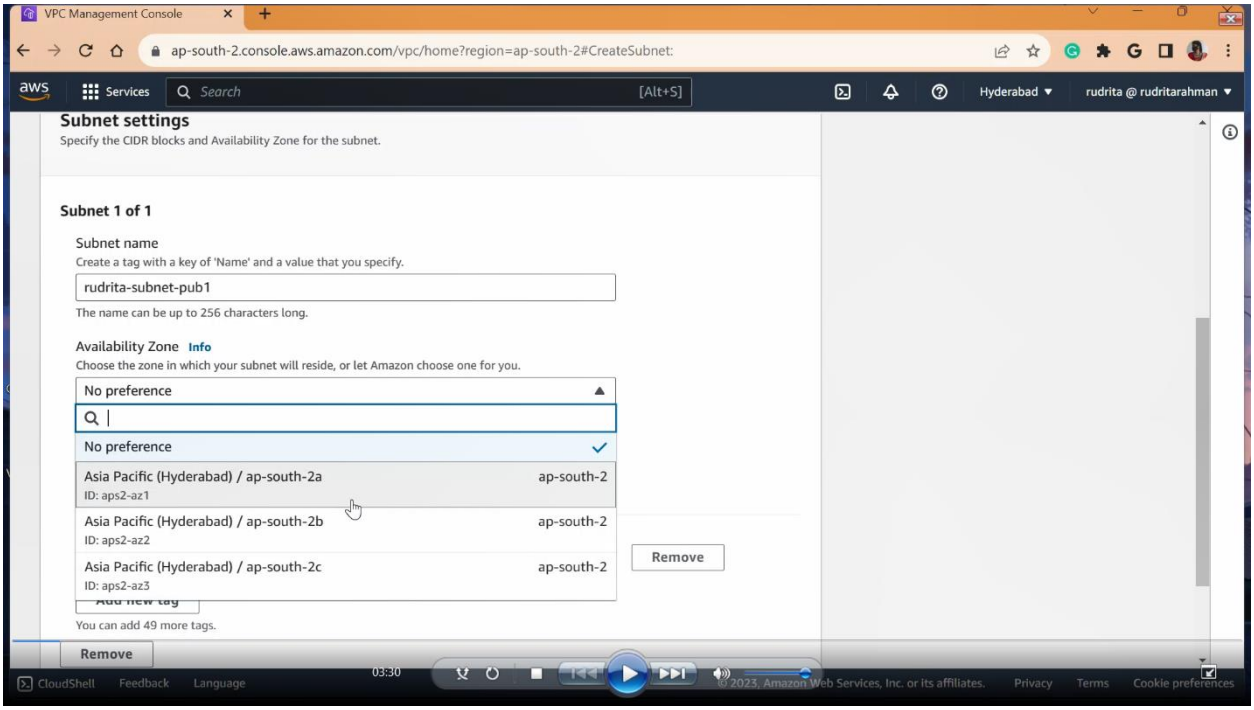
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateSubnet:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.
Subnet 1 of 1
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
rudrita-subnet-pub1
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
No preference
No preference
Asia Pacific (Hyderabad) / ap-south-2a
ID: aps2-az1
ap-south-2
Asia Pacific (Hyderabad) / ap-south-2b
ID: aps2-az2
ap-south-2
Asia Pacific (Hyderabad) / ap-south-2c
ID: aps2-az3
ap-south-2
Remove
You can add 49 more tags.
Remove
CloudShell
Feedback
Language
03:30
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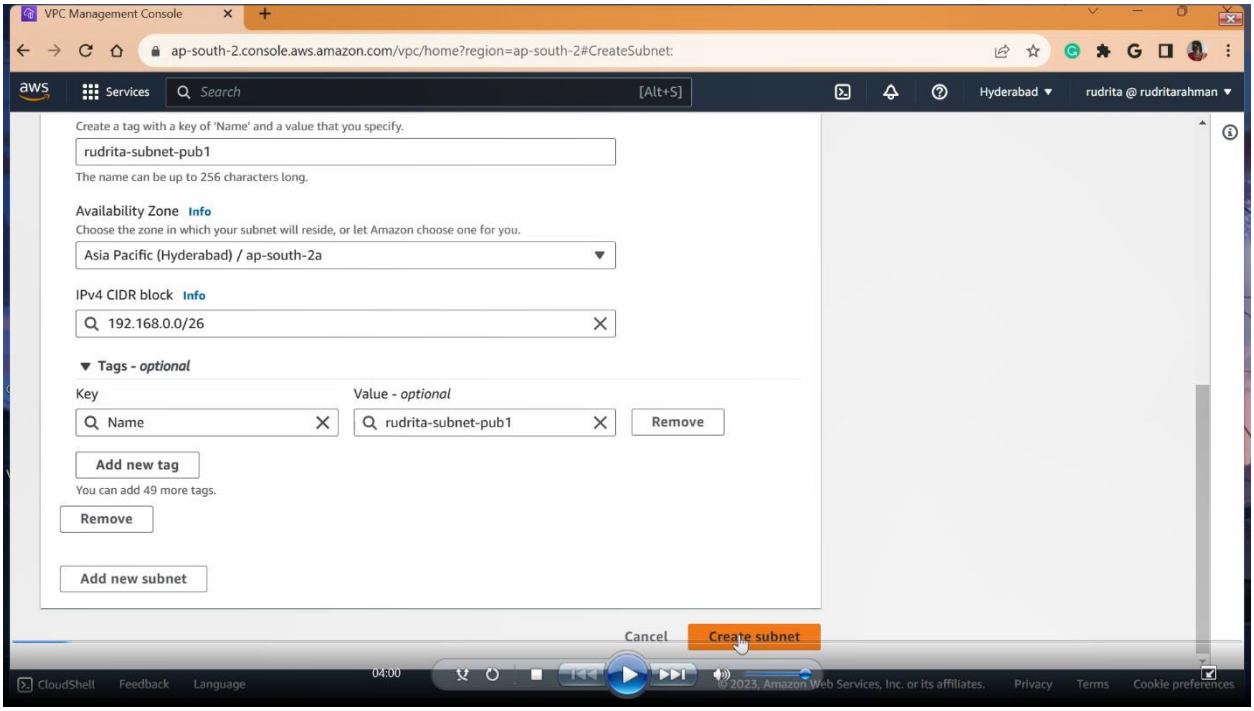
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateSubnet:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Create a tag with a key of 'Name' and a value that you specify.
rudrita-subnet-pub1
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Asia Pacific (Hyderabad) / ap-south-2a
IPv4 CIDR block Info
192.168.0.0/26
Tags - optional
Key
Value - optional
Name
rudrita-subnet-pub1
Remove
Add new tag
You can add 49 more tags.
Remove
Add new subnet
Cancel
Create subnet
CloudShell
Feedback
Language
04:00
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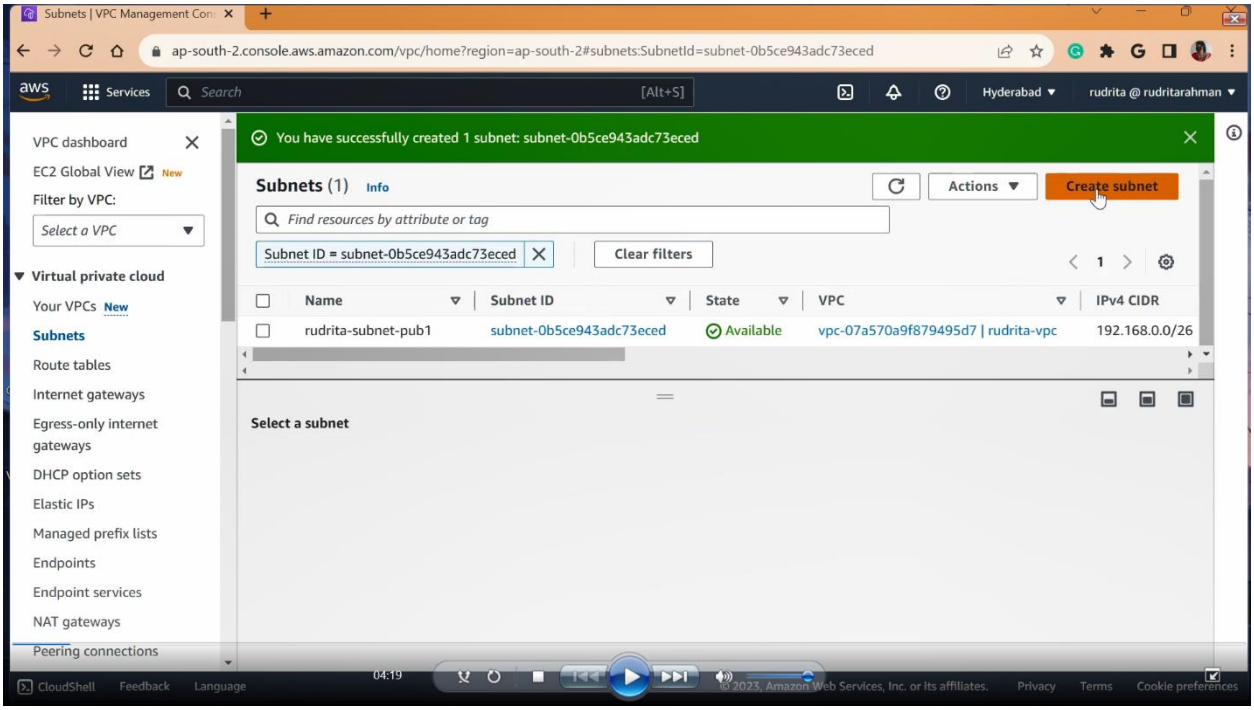
Terms
Cookie preferences


Subnets | VPC Management Con
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#subnets:SubnetId=subnet-0b5ce943adc73eced
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
You have successfully created 1 subnet: subnet-0b5ce943adc73eced
Subnets (1) Info
Actions
Create subnet
Find resources by attribute or tag
Subnet ID = subnet-0b5ce943adc73eced
Clear filters
1
Name
Subnet ID
State
VPC
IPv4 CIDR
rudrita-subnet-pub1
subnet-0b5ce943adc73eced
Available
vpc-07a570a9f879495d7 | rudrita-vpc
192.168.0.0/26
Select a subnet
CloudShell
Feedback
Language
04:19
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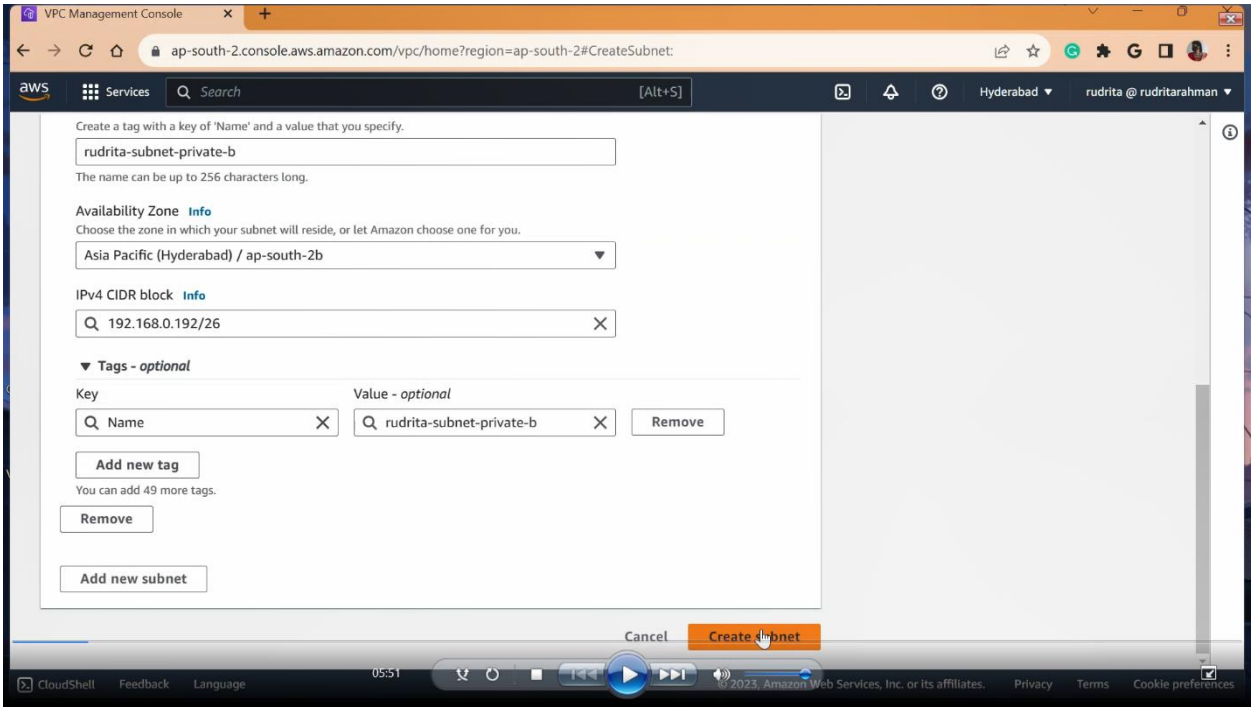
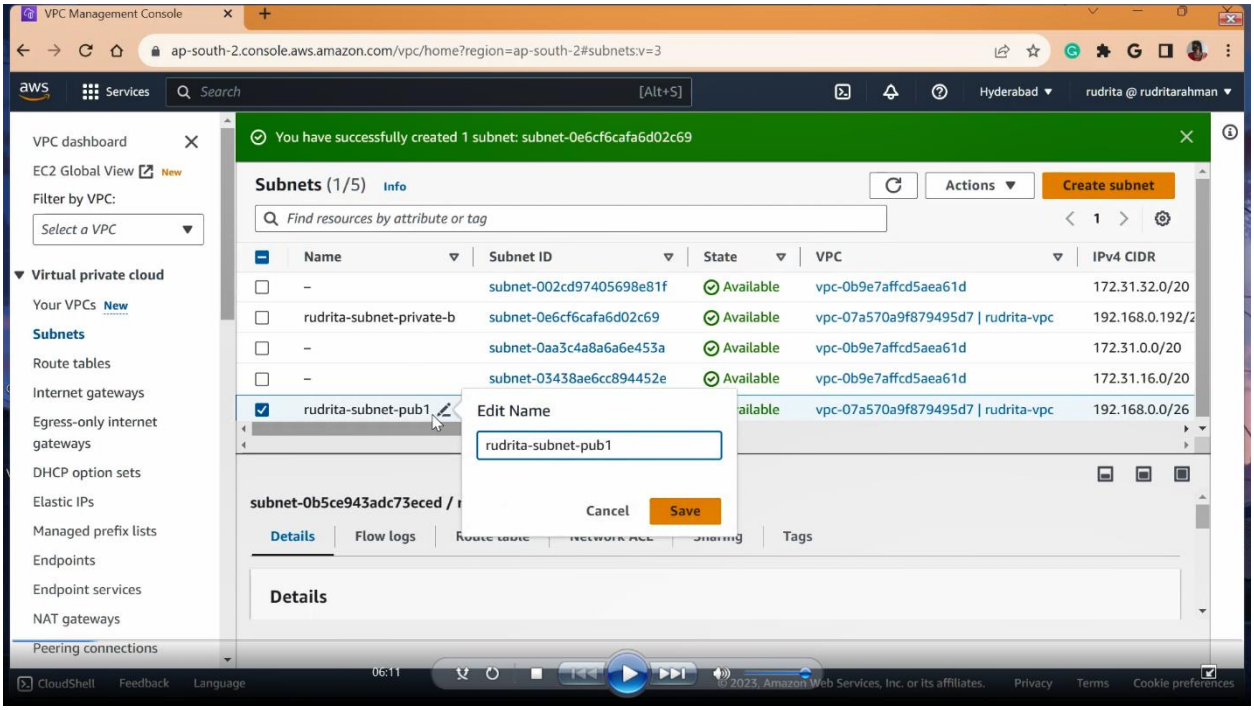
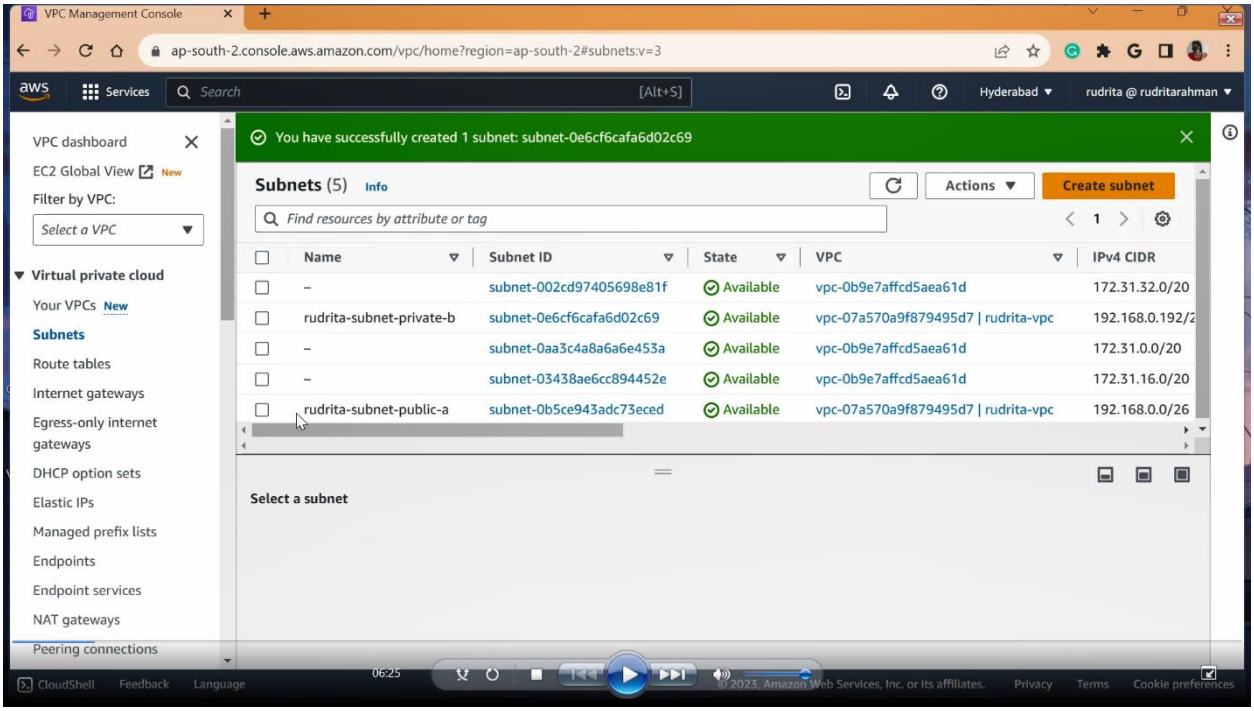
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateSubnet:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Create a tag with a key of 'Name' and a value that you specify.
rudrita-subnet-private-b
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Asia Pacific (Hyderabad) / ap-south-2b
IPv4 CIDR block Info
192.168.0.192/26
Tags - optional
Key
Value - optional
Name
rudrita-subnet-private-b
Remove
Add new tag
You can add 49 more tags.
Remove
Add new subnet
Cancel
Create subnet
05:51
CloudShell
Feedback
Language
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#subnets:v=3
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
You have successfully created 1 subnet: subnet-0e6cf6cafa6d02c69
Subnets (1/5) Info
Actions
Create subnet
Find resources by attribute or tag
Name
Subnet ID
State
VPC
IPv4 CIDR
– subnet-002cd97405698e81f Available vpc-0b9e7affcd5aea61d 172.31.32.0/20
rudrita-subnet-private-b subnet-0e6cf6cafa6d02c69 Available vpc-07a570a9f879495d7 | rudrita-vpc 192.168.0.192/2
– subnet-0aa3c4a8a6a6e453a Available vpc-0b9e7affcd5aea61d 172.31.0.0/20
– subnet-03438ae6cc894452e Available vpc-0b9e7affcd5aea61d 172.31.16.0/20
rudrita-subnet-pub1 ailable vpc-07a570a9f879495d7 | rudrita-vpc 192.168.0.0/26
Edit Name
rudrita-subnet-pub1
Cancel
Save
subnet-0b5ce943adc73eced /
Details
Flow logs
Tags
Details
06:11
CloudShell
Feedback
Language
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#subnets:v=3
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
You have successfully created 1 subnet: subnet-0e6cf6cafa6d02c69
Subnets (5)
Info
Actions
Create subnet
Find resources by attribute or tag
Name
Subnet ID
State
VPC
IPv4 CIDR
– subnet-002cd97405698e81f Available vpc-0b9e7affcd5aea61d 172.31.32.0/20
rudrita-subnet-private-b subnet-0e6cf6cafa6d02c69 Available vpc-07a570a9f879495d7 | rudrita-vpc 192.168.0.192/2
– subnet-0aa3c4a8a6a6e453a Available vpc-0b9e7affcd5aea61d 172.31.0.0/20
– subnet-03438ae6cc894452e Available vpc-0b9e7affcd5aea61d 172.31.16.0/20
rudrita-subnet-public-a subnet-0b5ce943adc73eced Available vpc-07a570a9f879495d7 | rudrita-vpc 192.168.0.0/26
Select a subnet
06:25
CloudShell
Feedback
Language
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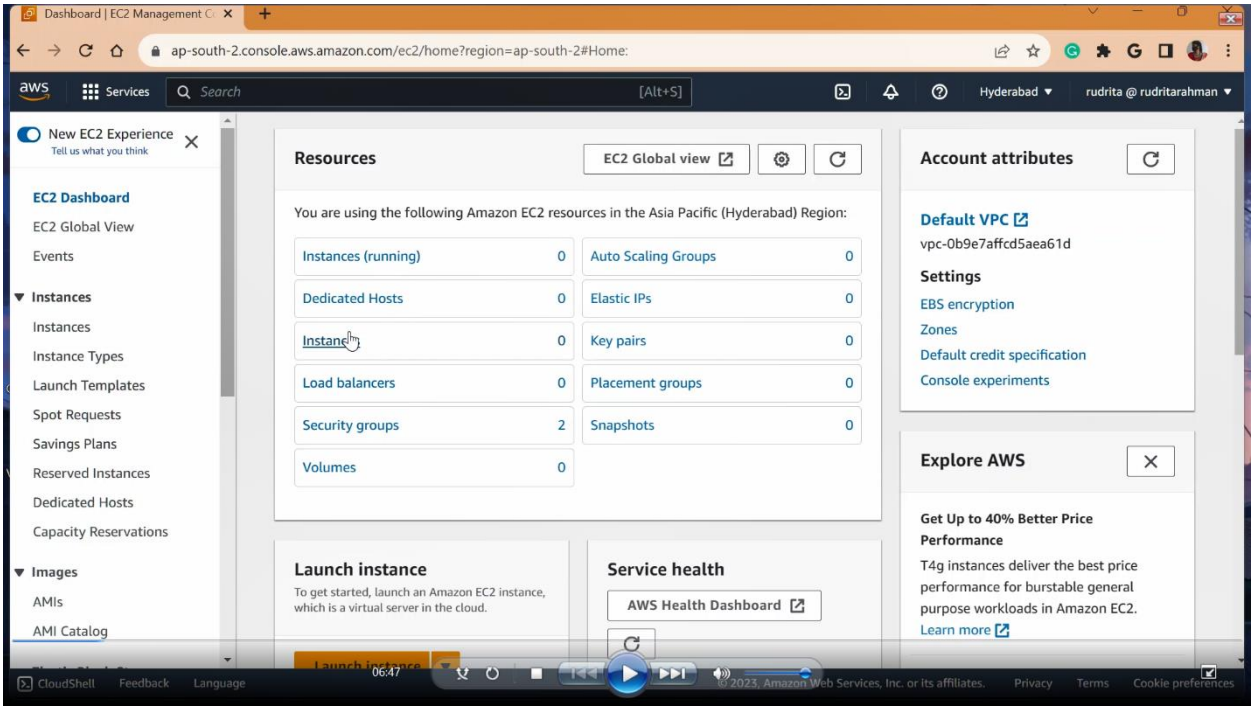
Privacy
Terms
Cookie preferences


Dashboard | EC2 Management C
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#Home:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Resources
EC2 Global view
You are using the following Amazon EC2 resources in the Asia Pacific (Hyderabad) Region:
Instances (running) 0
Auto Scaling Groups 0
Dedicated Hosts 0
Elastic IPs 0
Instance 0
Key pairs 0
Load balancers 0
Placement groups 0
Security groups 2
Snapshots 0
Volumes 0
Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Service health
AWS Health Dashboard
Account attributes
Default VPC
vpc-0b9e7affcd5aea61d
Settings
EBS encryption
Zones
Default credit specification
Console experiments
Explore AWS
Get Up to 40% Better Price Performance
T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2.
Learn more
06:47
CloudShell
Feedback
Language
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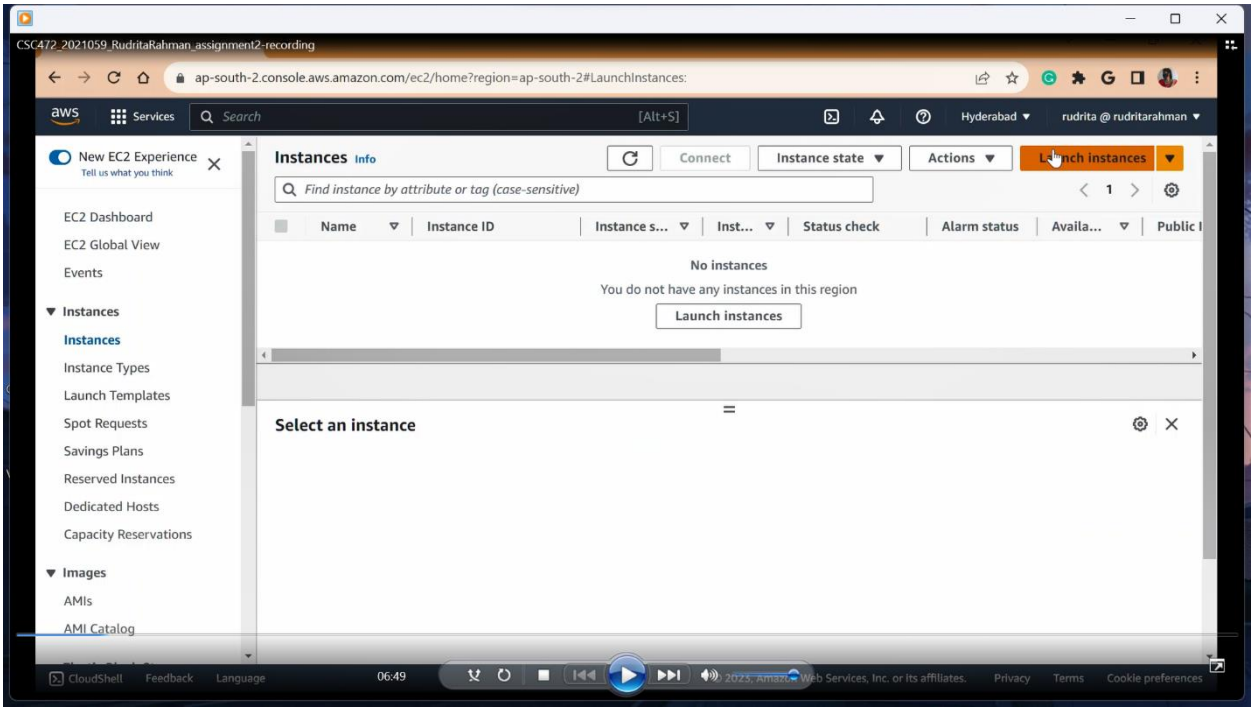
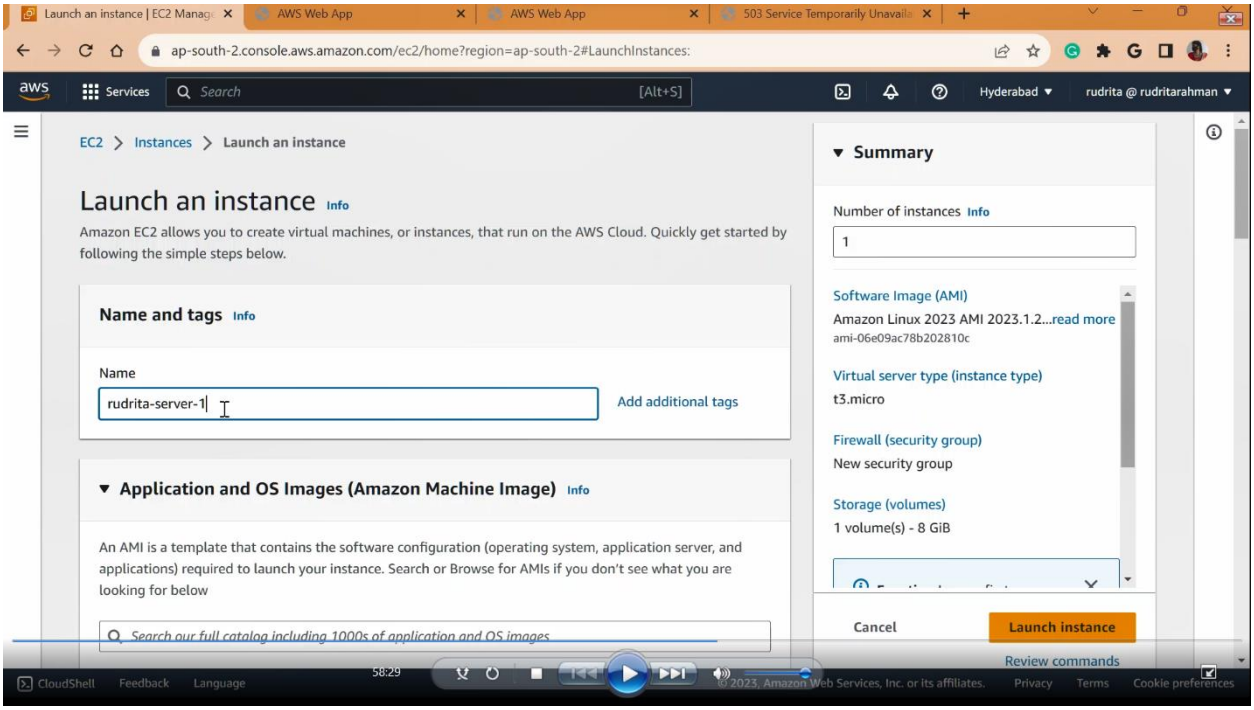
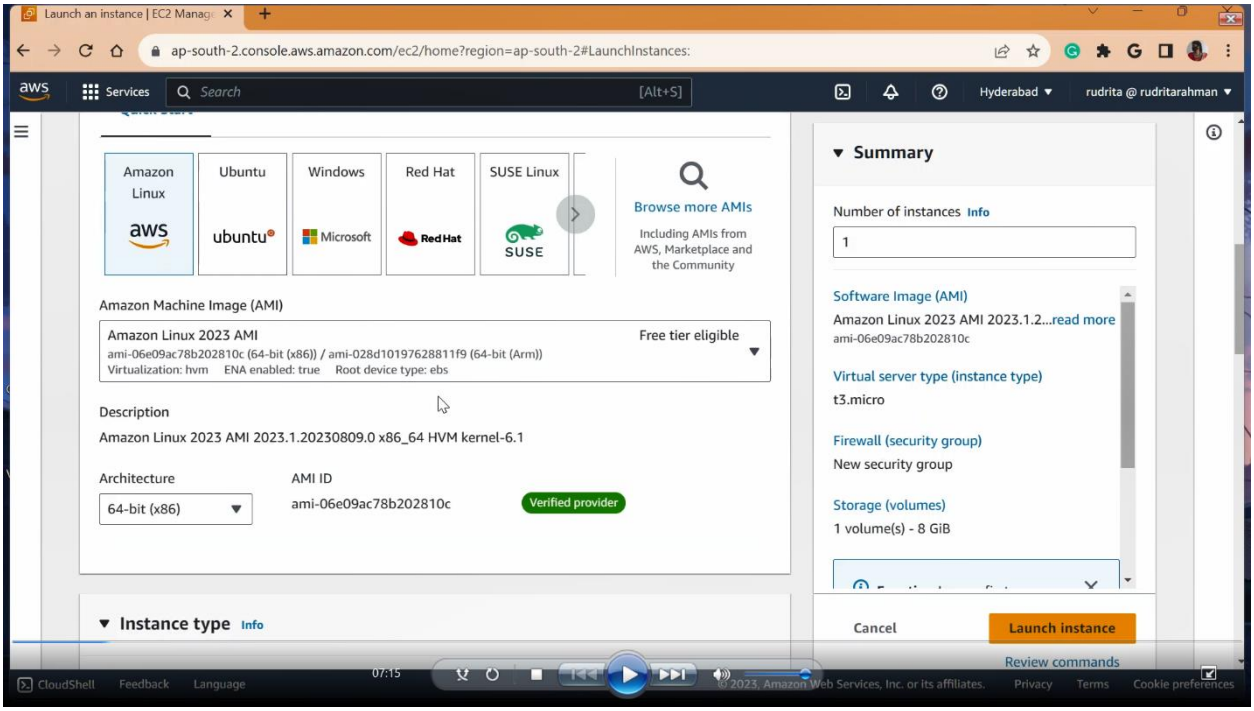
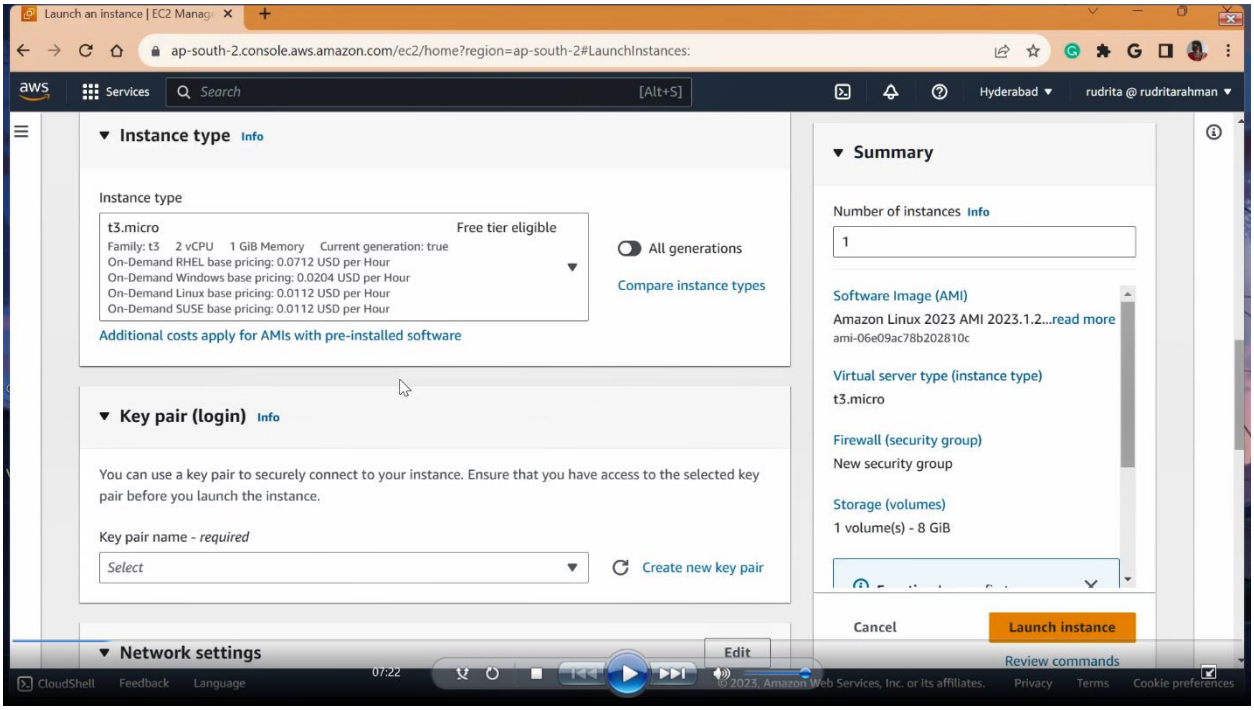
Privacy
Terms
Cookie preferences


CSC472_2021059_RudritaRahman_assignment2-recording
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
New EC2 Experience
Tell us what you think
Instances Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance s...
Inst...
Status check
Alarm status
Availa...
Public I
No instances
You do not have any instances in this region
Launch instances
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Select an instance
CloudShell
Feedback
Language
06:49
Privacy
Terms
Cookie preferences


ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
rudrita-server-1
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
58:29
Privacy
Terms
Cookie preferences


Launch an instance | EC2 Manage
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Amazon Linux
Ubuntu
Windows
Red Hat
SUSE Linux
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2023 AMI
ami-06e09ac78b202810c (64-bit (x86)) / ami-028d10197628811f9 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Free tier eligible
Description
Amazon Linux 2023 AMI 2023.1.20230809.0 x86_64 HVM kernel-6.1
Architecture
64-bit (x86)
AMI ID
ami-06e09ac78b202810c
Verified provider
Instance type Info
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
07:15
CloudShell
Feedback
Language
© 2023, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences


Launch an instance | EC2 Manage
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Instance type Info
Instance type
t3.micro
Free tier eligible
Family: t3 2 vCPU 1 GiB Memory Current generation: true
On-Demand RHEL base pricing: 0.0712 USD per Hour
On-Demand Windows base pricing: 0.0204 USD per Hour
On-Demand Linux base pricing: 0.0112 USD per Hour
On-Demand SUSE base pricing: 0.0112 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
Select
Create new key pair
Network settings
Edit
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
07:22
CloudShell
Feedback
Language
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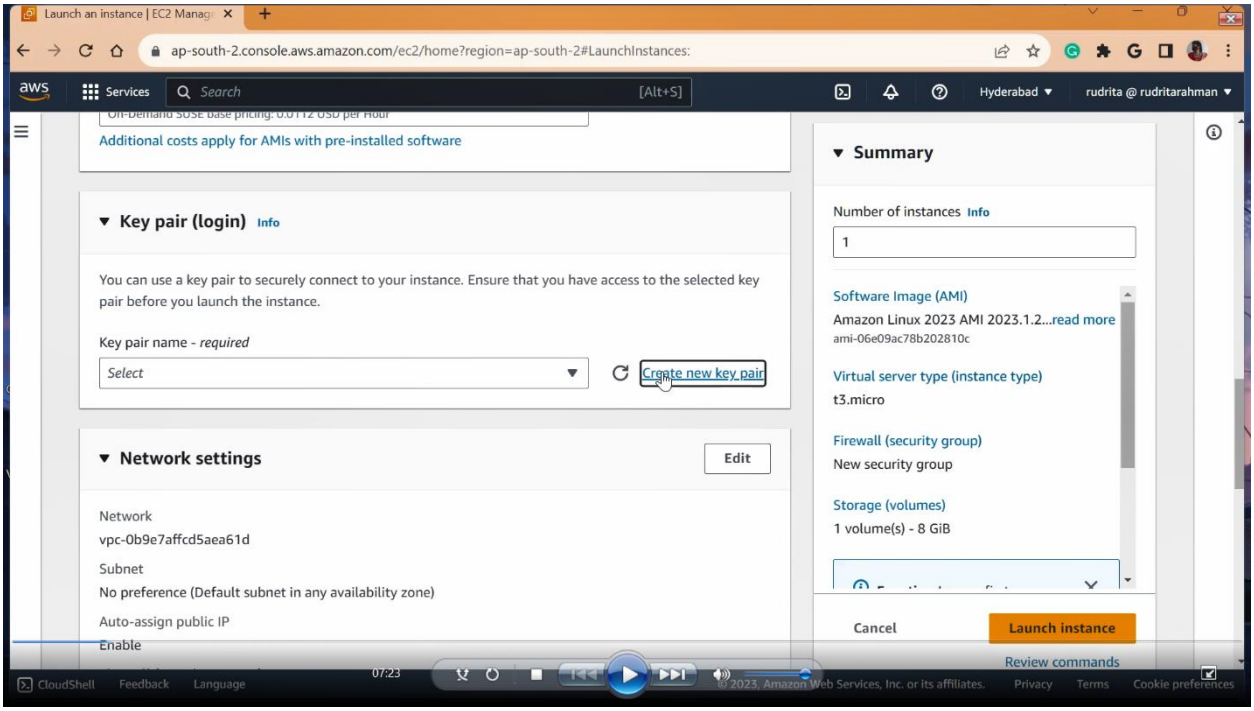
Privacy
Terms
Cookie preferences


Launch an instance | EC2 Manage
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
Select
Create new key pair
Network settings
Edit
Network
vpc-0b9e7affcd5aea61d
Subnet
No preference (Default subnet in any availability zone)
Auto-assign public IP
Enable
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
07:23
CloudShell
Feedback
Language
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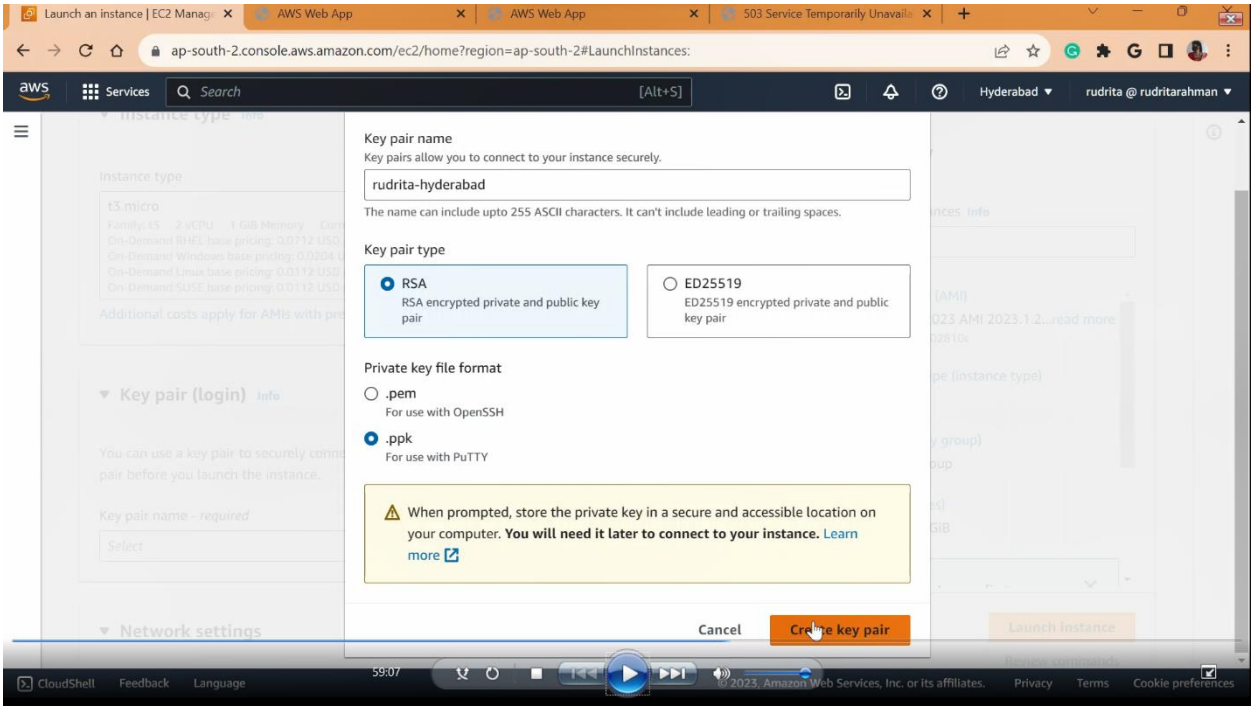
Privacy
Terms
Cookie preferences


Launch an instance | EC2 Manage
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Key pair name
Key pairs allow you to connect to your instance securely.
rudrita-hyderabad
The name can include upto 255 ASCII characters. It can't include leading or trailing spaces.
Key pair type
RSA
RSA encrypted private and public key pair
ED25519
ED25519 encrypted private and public key pair
Private key file format
.pem
For use with OpenSSH
.ppk
For use with PuTTY
When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn more
Cancel
Create key pair
59:07
CloudShell
Feedback
Language
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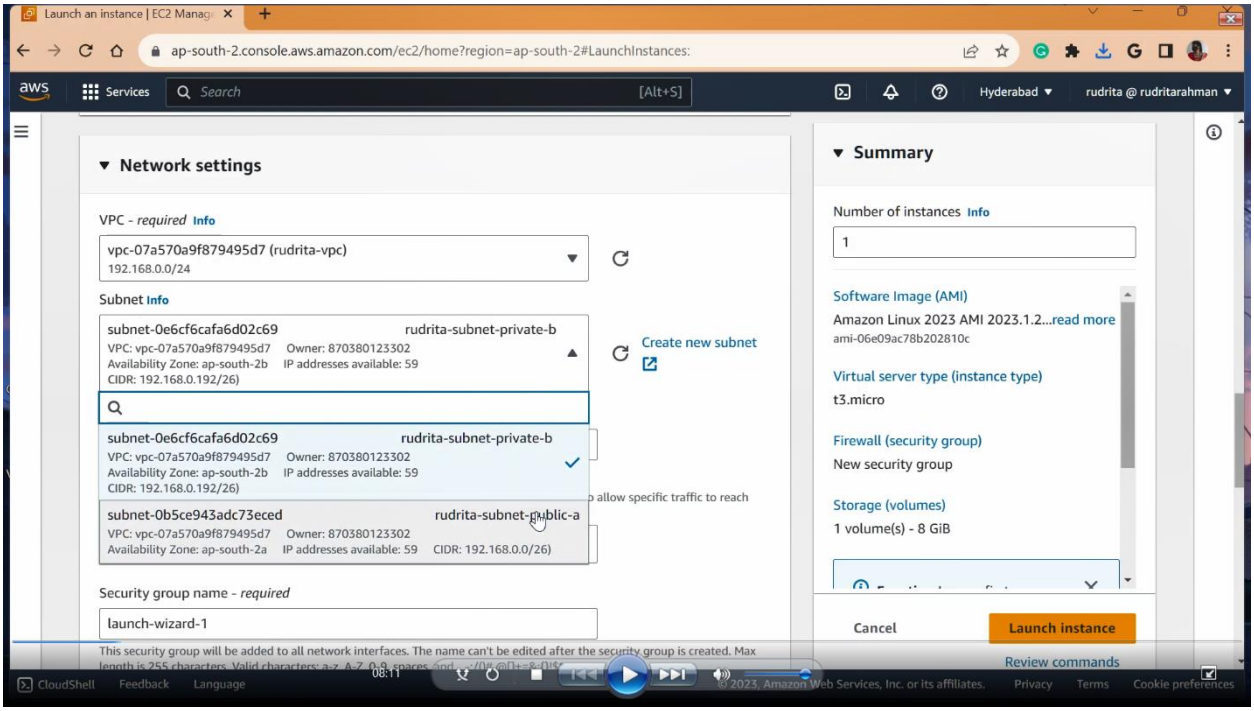
Cookie preferences


Launch an instance | EC2 Manage
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Network settings
VPC - required Info
vpc-07a570a9f879495d7 (rudrita-vpc)
192.168.0.0/24
Subnet Info
subnet-0e6cf6cafa6d02c69 rudrita-subnet-private-b
VPC: vpc-07a570a9f879495d7 Owner: 870380123302
Availability Zone: ap-south-2b IP addresses available: 59
CIDR: 192.168.0.192/26)
Create new subnet
subnet-0e6cf6cafa6d02c69 rudrita-subnet-private-b
VPC: vpc-07a570a9f879495d7 Owner: 870380123302
Availability Zone: ap-south-2b IP addresses available: 59
CIDR: 192.168.0.192/26)
subnet-0b5ce943adc73eced rudrita-subnet-public-a
VPC: vpc-07a570a9f879495d7 Owner: 870380123302
Availability Zone: ap-south-2a IP addresses available: 59 CIDR: 192.168.0.0/26)
Security group name - required
launch-wizard-1
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
08:11
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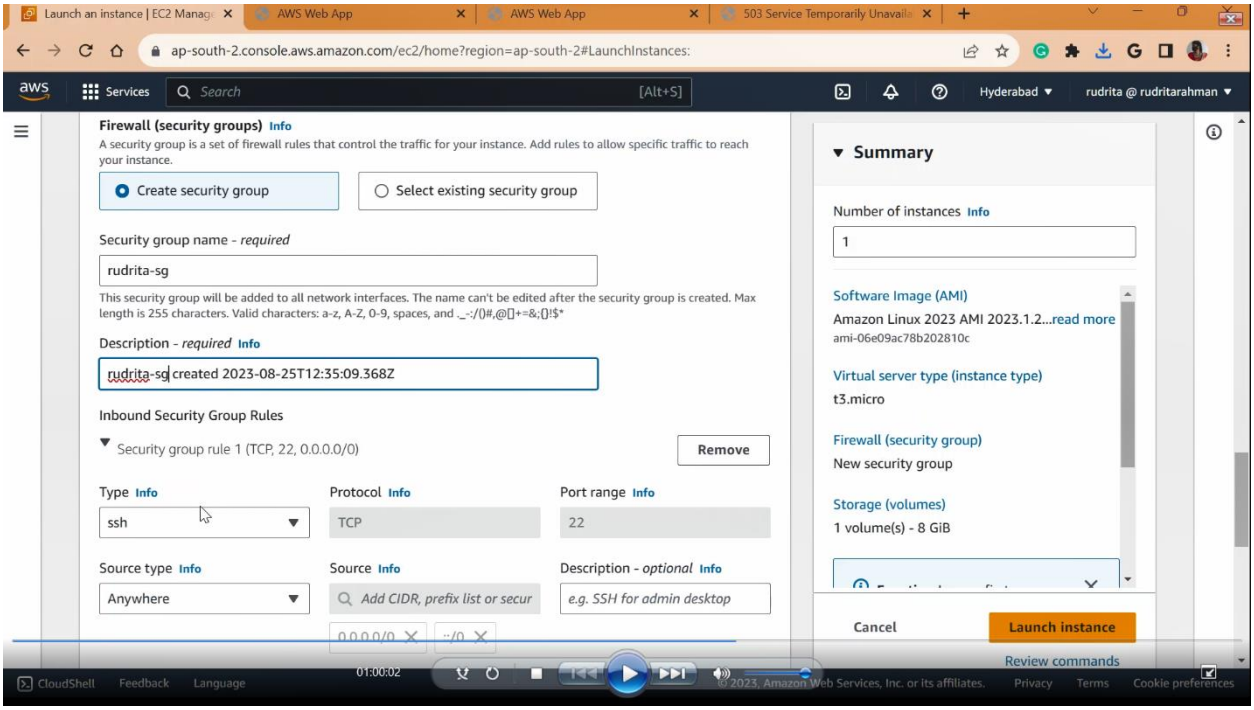
Launch an instance | EC2 Manage
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Security group name - required
rudrita-sg
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
rudrita-sg created 2023-08-25T12:35:09.368Z
Inbound Security Group Rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type Info
ssh
Protocol Info
TCP
Port range Info
22
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or secur
Description - optional Info
e.g. SSH for admin desktop
0.0.0.0/0
::/0
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
01:00:02
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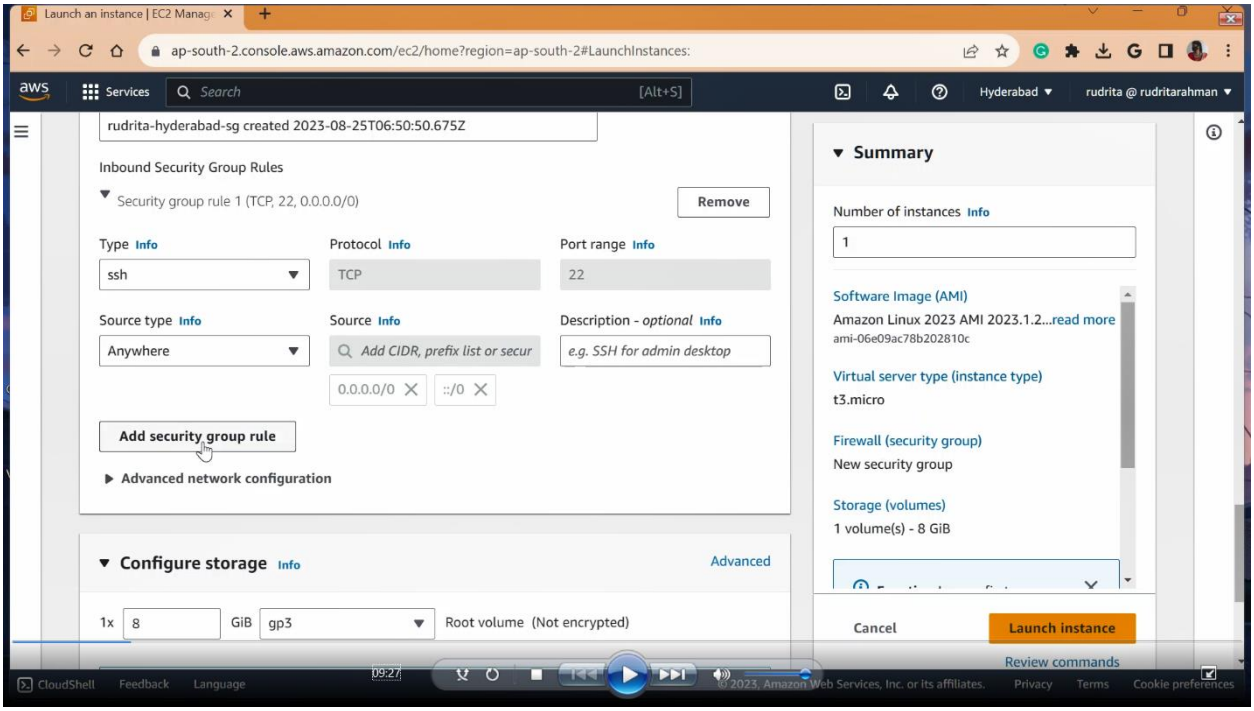
Cookie preferences


Launch an instance | EC2 Manage
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
rudrita-hyderabad-sg created 2023-08-25T06:50:50.675Z
Inbound Security Group Rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type Info
ssh
Protocol Info
TCP
Port range Info
22
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or secur
Description - optional Info
e.g. SSH for admin desktop
0.0.0.0/0
::/0
Add security group rule
Advanced network configuration
Configure storage Info
Advanced
1x
8
GiB
gp3
Root volume (Not encrypted)
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
09:27
CloudShell
Feedback
Language
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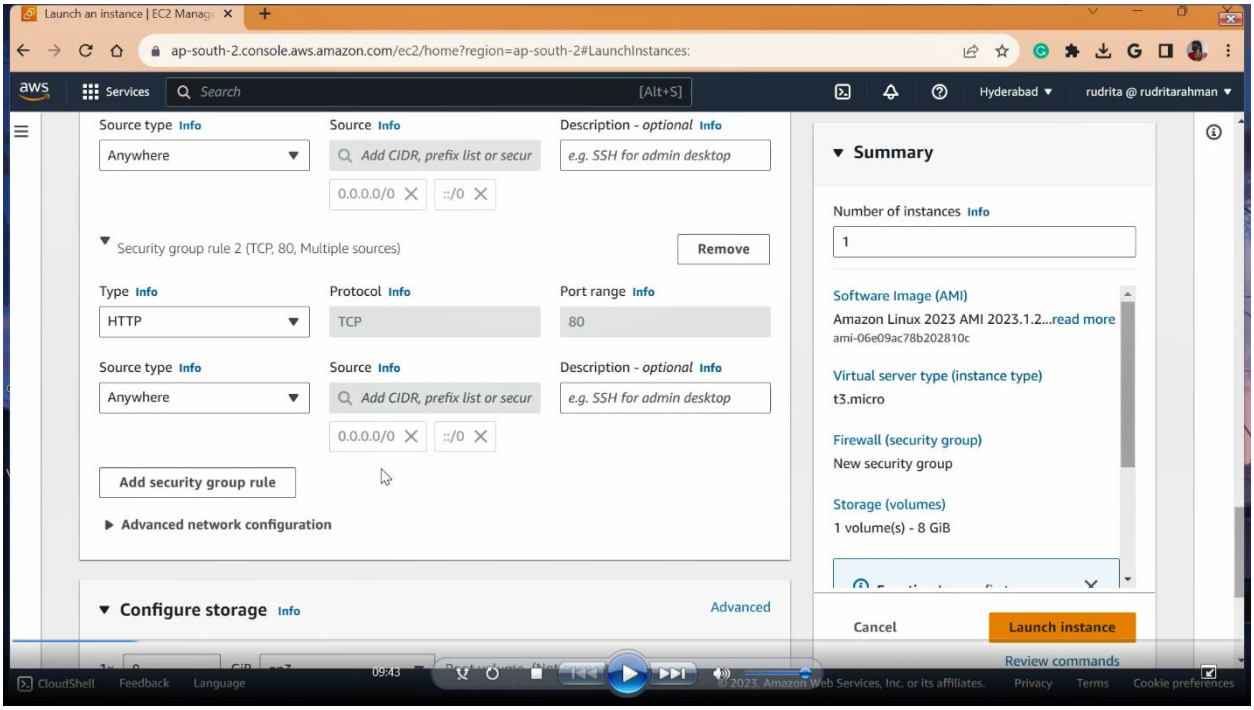
Cookie preferences


Launch an instance | EC2 Manage
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or secur
Description - optional Info
e.g. SSH for admin desktop
0.0.0.0/0
::/0
Security group rule 2 (TCP, 80, Multiple sources)
Remove
Type Info
HTTP
Protocol Info
TCP
Port range Info
80
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or secur
Description - optional Info
e.g. SSH for admin desktop
0.0.0.0/0
::/0
Add security group rule
Advanced network configuration
Configure storage Info
Advanced
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
09:43
CloudShell
Feedback
Language
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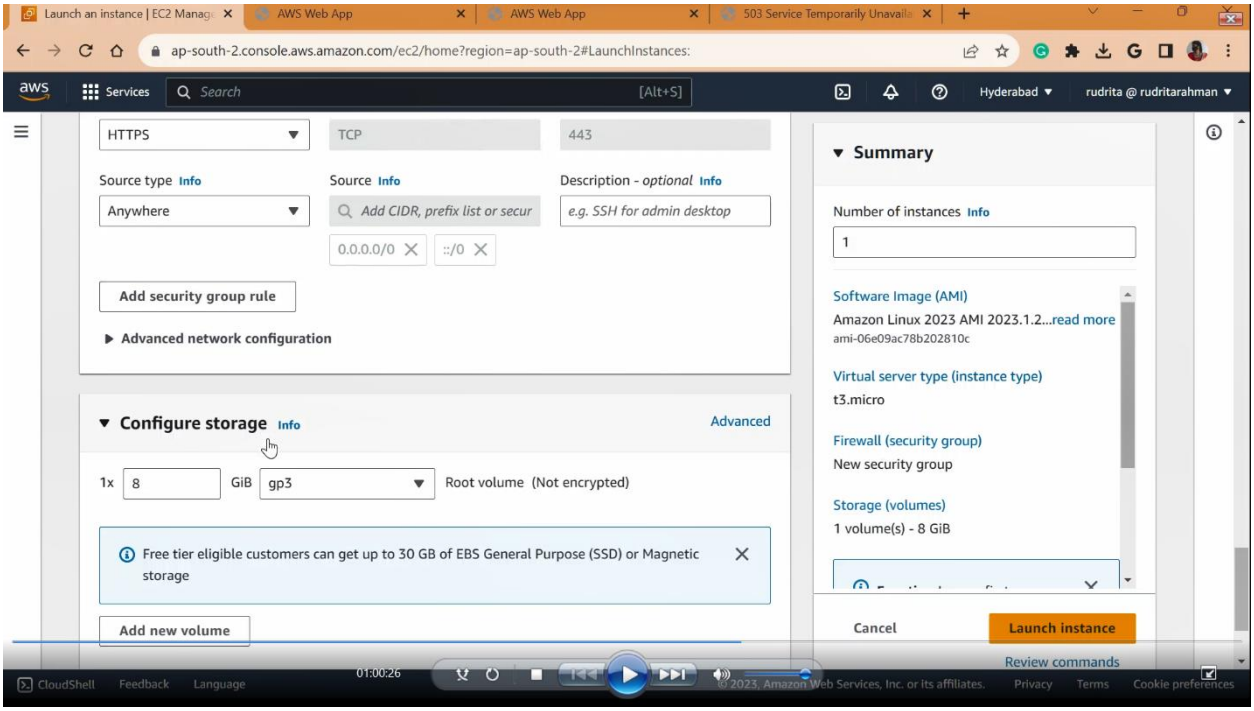
Cookie preferences


Launch an instance | EC2 Manage
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
HTTPS
TCP
443
Source type Info
Source Info
Description - optional Info
Anywhere
Add CIDR, prefix list or secur
e.g. SSH for admin desktop
0.0.0.0/0
::/0
Add security group rule
Advanced network configuration
Configure storage Info
Advanced
1x
8
GiB
gp3
Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
01:00:26
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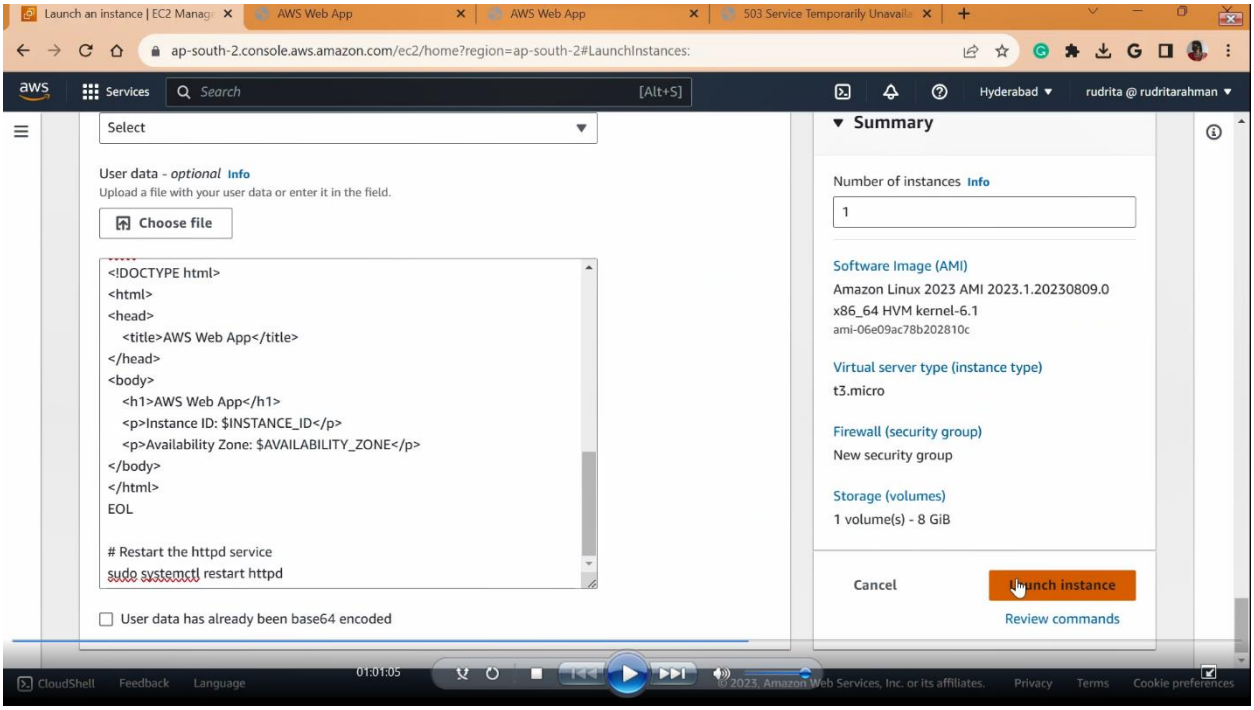
Cookie preferences


Launch an instance | EC2 Manage
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Select
User data - optional Info
Upload a file with your user data or enter it in the field.
Choose file
<!DOCTYPE html>
<html>
<head>
<title>AWS Web App</title>
</head>
<body>
<h1>AWS Web App</h1>
Instance ID: $INSTANCE_ID
Availability Zone: $AVAILABILITY_ZONE
</body>
</html>
EOL
# Restart the httpd service
sudo systemctl restart httpd
User data has already been base64 encoded
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.20230809.0
x86_64 HVM kernel-6.1
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
01:01:05
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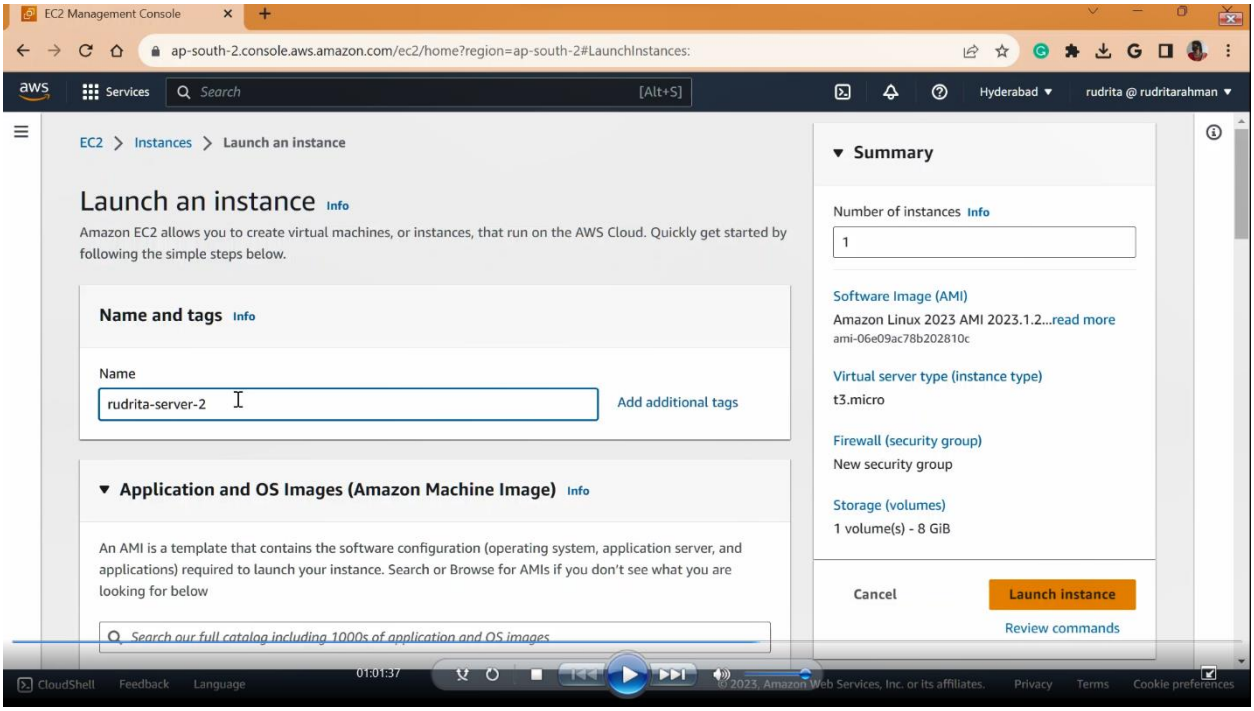
Cookie preferences


EC2 Management Console
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
rudrita-server-2
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
01:01:37
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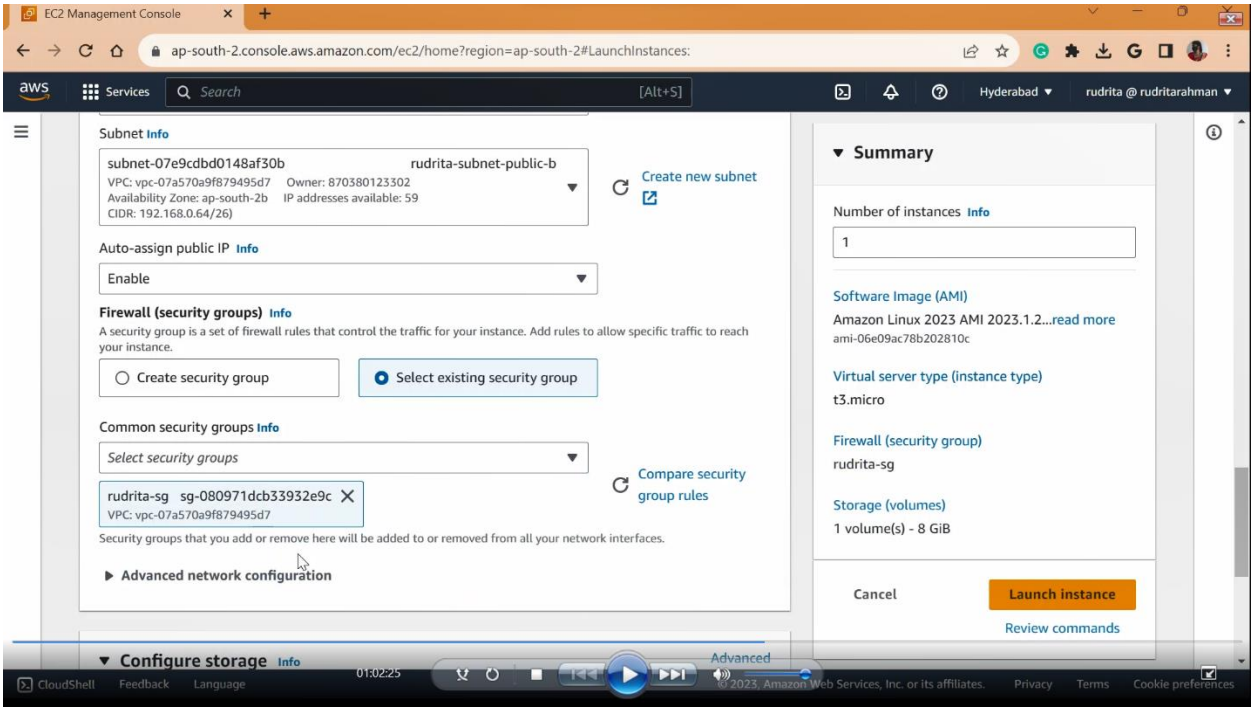
Cookie preferences


EC2 Management Console
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchInstances:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Subnet Info
subnet-07e9cdbd0148af30b rudrita-subnet-public-b
VPC: vpc-07a570a9f879495d7 Owner: 870380123302
Availability Zone: ap-south-2b IP addresses available: 59
CIDR: 192.168.0.64/26)
Create new subnet
Auto-assign public IP Info
Enable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Common security groups Info
Select security groups
rudrita-sg sg-080971dcb33932e9c
VPC: vpc-07a570a9f879495d7
Compare security group rules
Security groups that you add or remove here will be added to or removed from all your network interfaces.
Advanced network configuration
Configure storage Info
Advanced
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-06e09ac78b202810c
Virtual server type (instance type)
t3.micro
Firewall (security group)
rudrita-sg
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands
CloudShell
Feedback
Language
01:02:25
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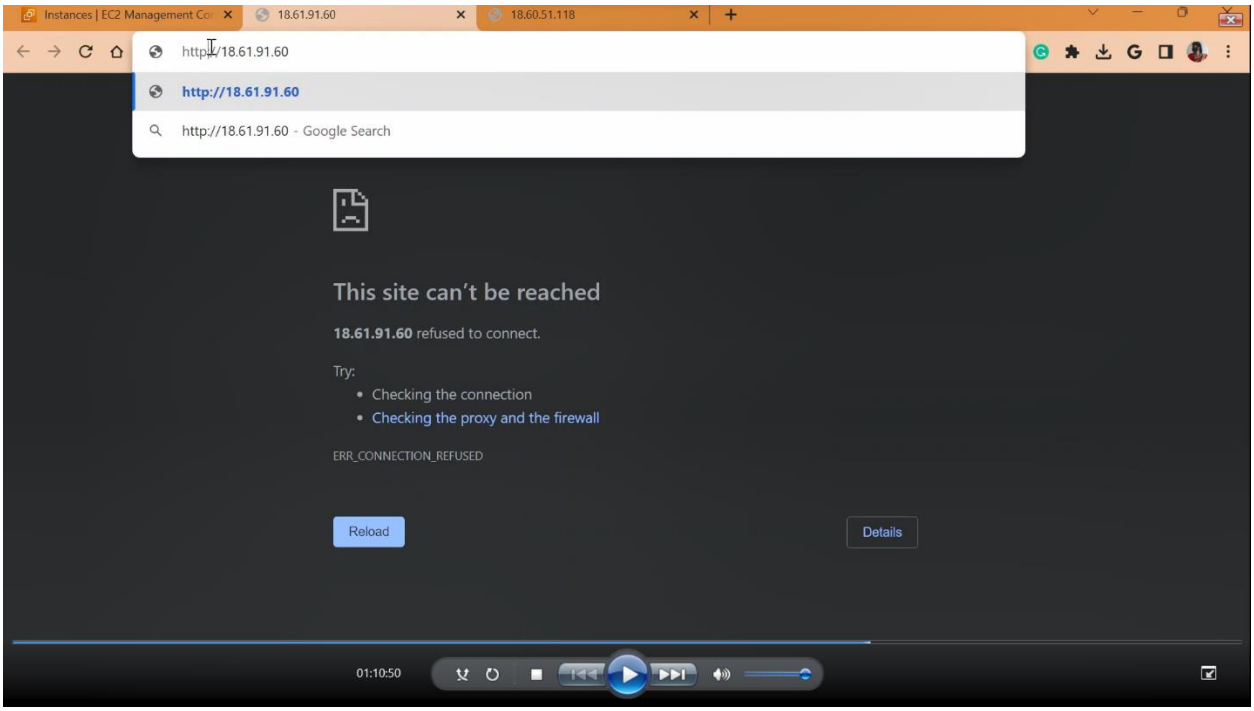
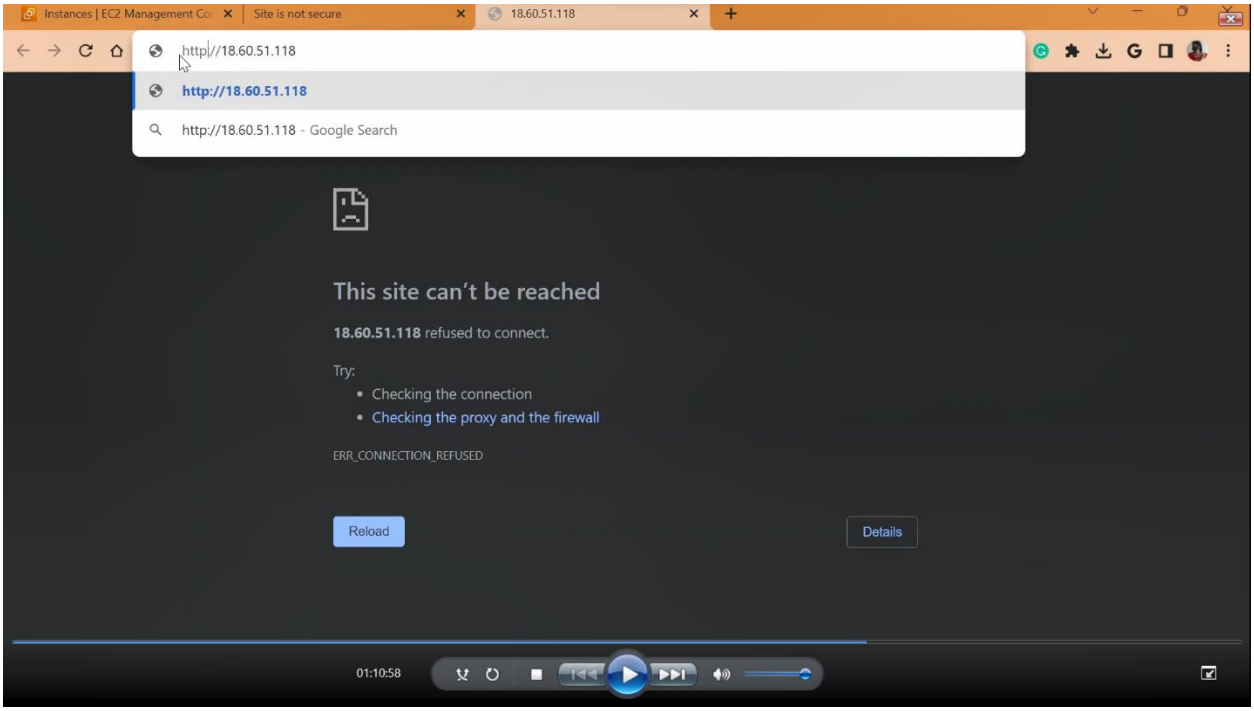
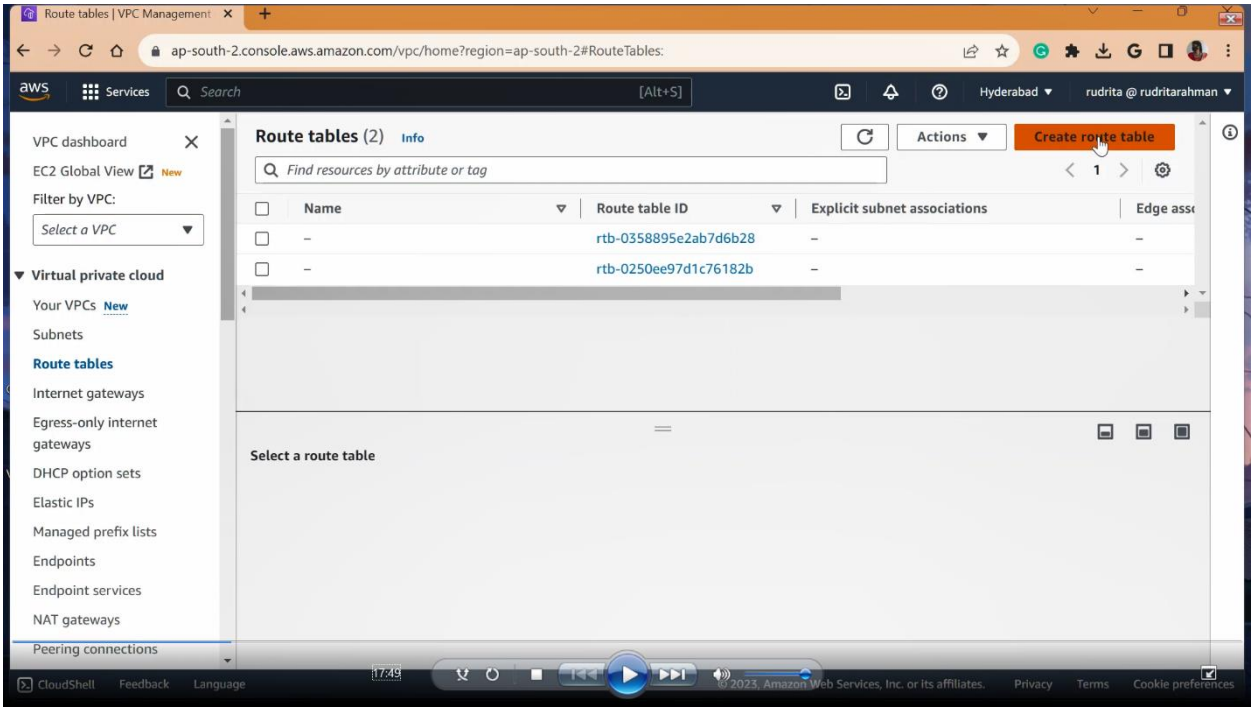
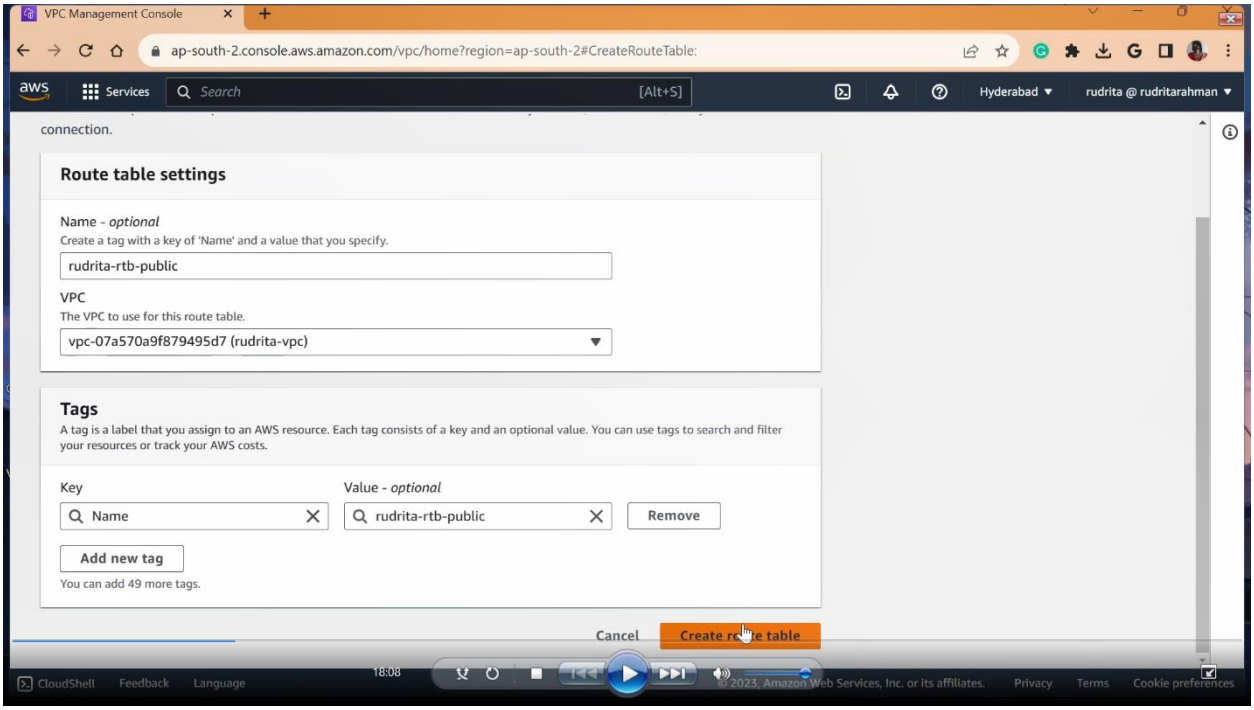
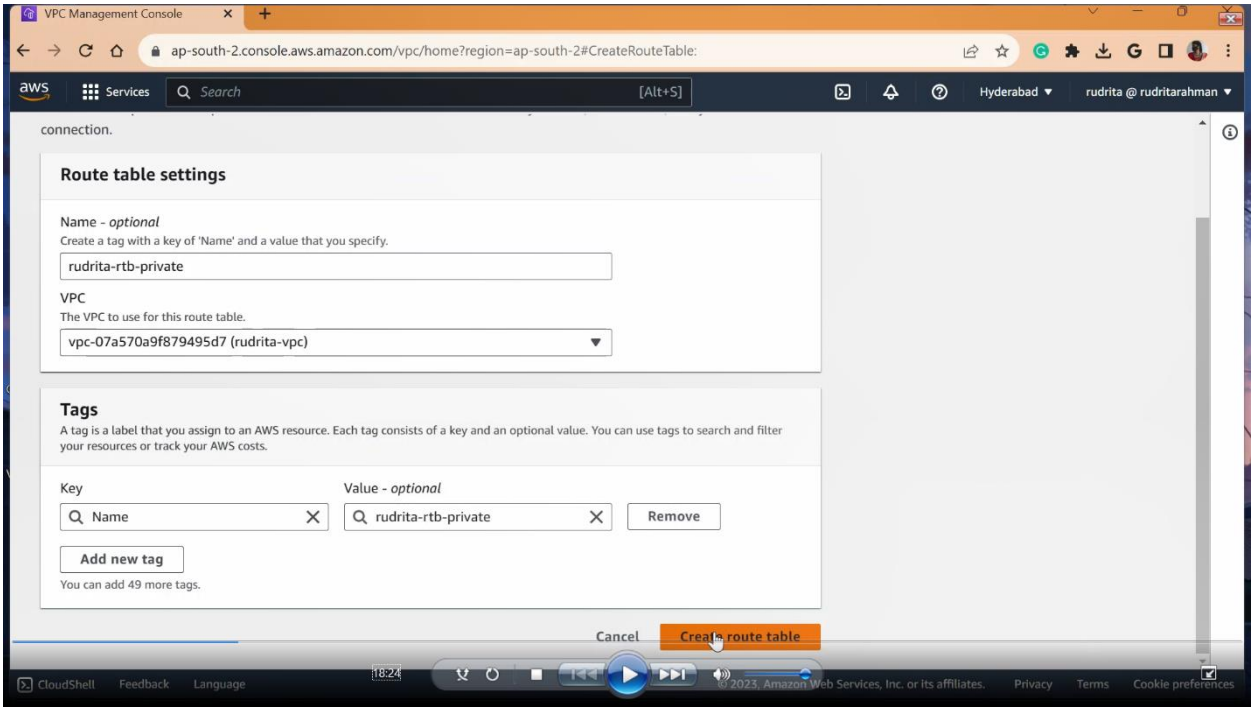
Privacy
Terms
Cookie preferences


Instances | EC2 Management Co
18.61.91.60
18.60.51.118
http://18.61.91.60
http://18.61.91.60
http://18.61.91.60 - Google Search
This site can't be reached
18.61.91.60 refused to connect.
Try:
Checking the connection
Checking the proxy and the firewall
ERR_CONNECTION_REFUSED
Reload
Details
01:10:50


Instances | EC2 Management Co
Site is not secure
18.60.51.118
http://18.60.51.118
http://18.60.51.118
http://18.60.51.118 - Google Search
This site can't be reached
18.60.51.118 refused to connect.
Try:
Checking the connection
Checking the proxy and the firewall
ERR_CONNECTION_REFUSED
Reload
Details
01:10:58


Route tables | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Route tables (2)
Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
rtb-0358895e2ab7d6b28
rtb-0250ee97d1c76182b
Select a route table
CloudShell
Feedback
Language
17:49
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateRouteTable:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
connection.
Route table settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
rudrita-rtb-public
VPC
The VPC to use for this route table.
vpc-07a570a9f879495d7 (rudrita-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.
Key
Value - optional
Name
rudrita-rtb-public
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table
CloudShell
Feedback
Language
18:08
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateRouteTable:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
connection.
Route table settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
rudrita-rtb-private
VPC
The VPC to use for this route table.
vpc-07a570a9f879495d7 (rudrita-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.
Key
Value - optional
Name
rudrita-rtb-private
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table
CloudShell
Feedback
Language
18:24
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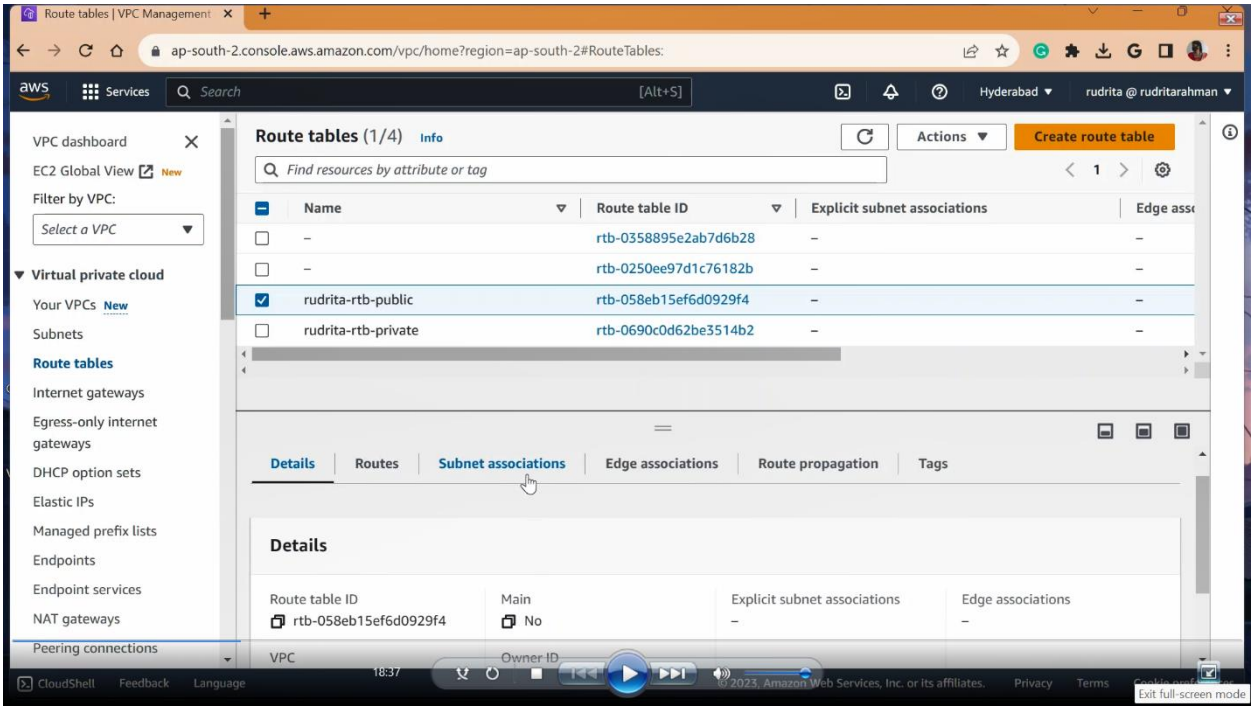
Route tables | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Route tables (1/4) Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
rtb-0358895e2ab7d6b28
rtb-0250ee97d1c76182b
rudrita-rtb-public
rtb-058eb15ef6d0929f4
rudrita-rtb-private
rtb-0690c0d62be3514b2
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Details
Route table ID
rtb-058eb15ef6d0929f4
Main
No
Explicit subnet associations
Edge associations
VPC
Owner ID
CloudShell
Feedback
Language
18:37
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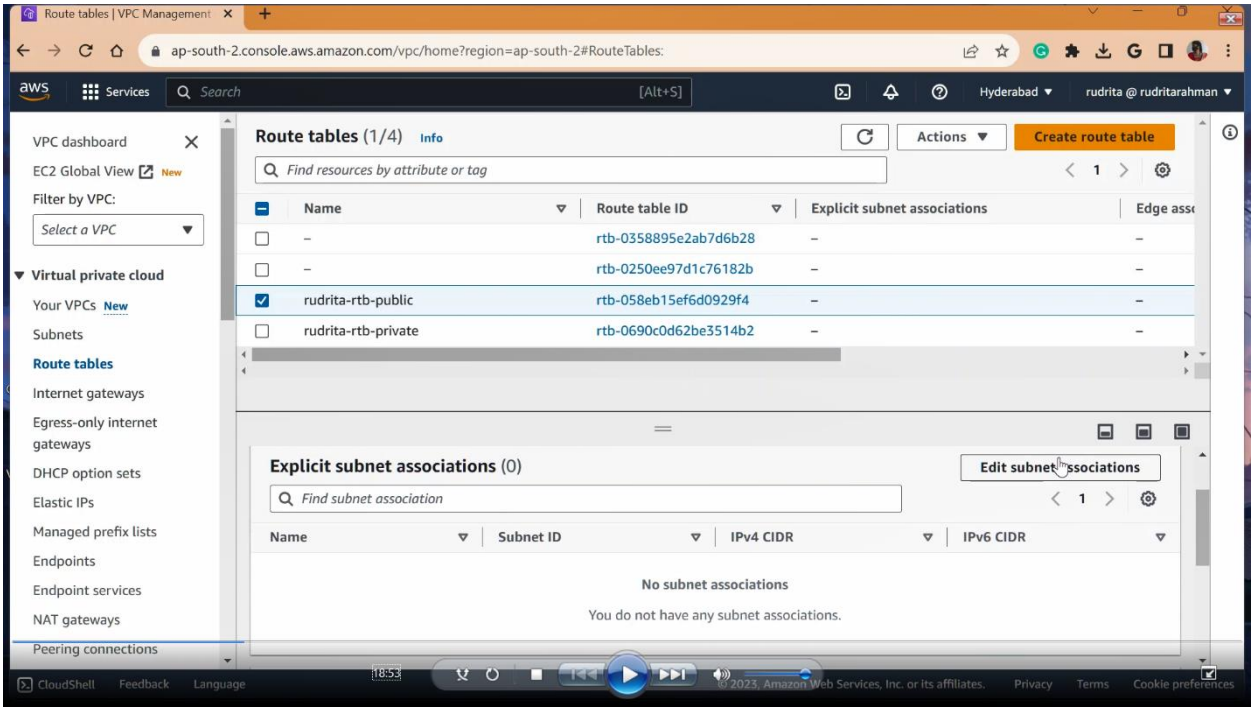
Terms
Exit full-screen mode


Route tables | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
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Route tables
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Egress-only internet gateways
DHCP option sets
Elastic IPs
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Endpoint services
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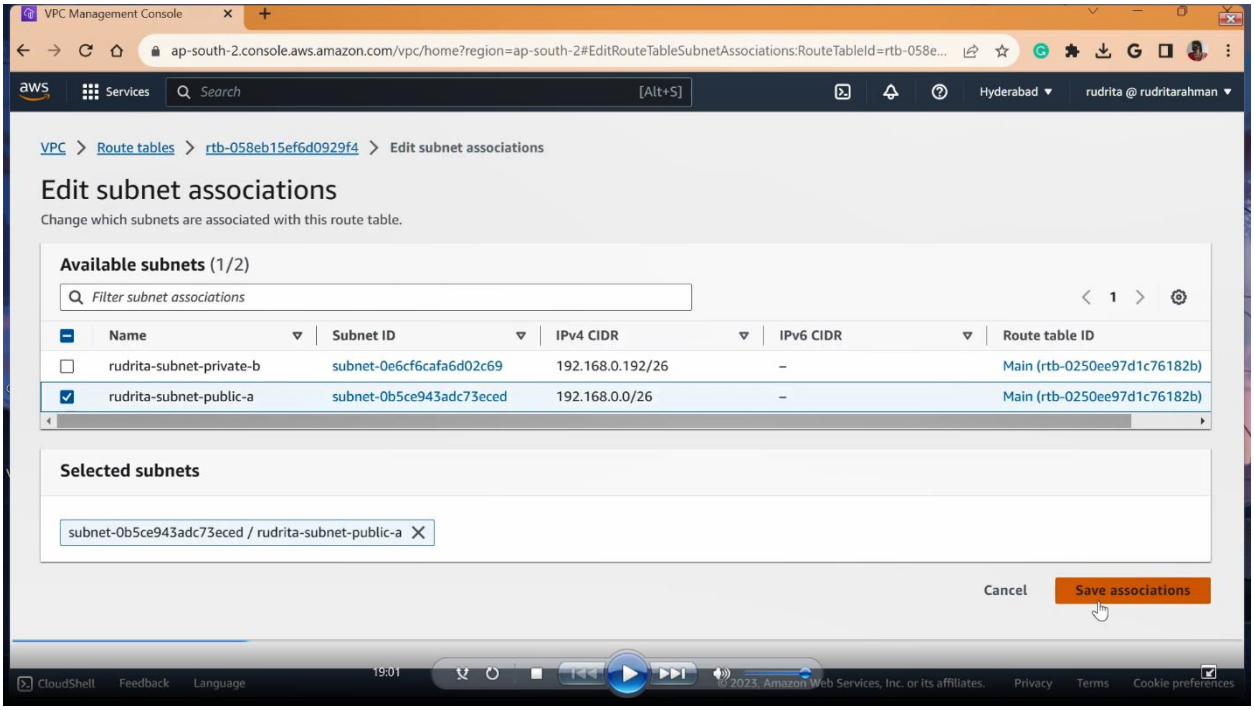
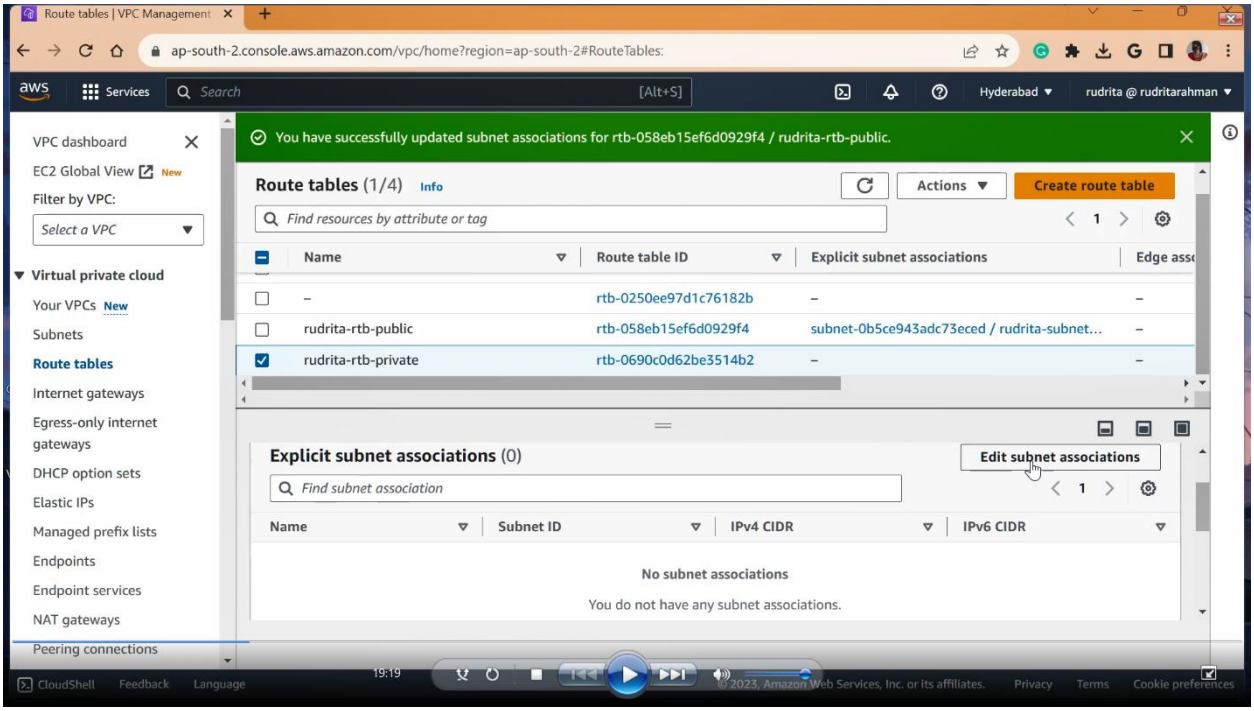
Peering connections
Route tables (1/4)
Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
rtb-0358895e2ab7d6b28
rtb-0250ee97d1c76182b
rudrita-rtb-public
rtb-058eb15ef6d0929f4
rudrita-rtb-private
rtb-0690c0d62be3514b2
Explicit subnet associations (0)
Edit subnet associations
Find subnet association
Subnet ID
IPv4 CIDR
IPv6 CIDR
No subnet associations
You do not have any subnet associations.
CloudShell
Feedback
Language
Privacy
Terms
Cookie preferences


VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#EditRouteTableSubnetAssociations:RouteTableId=rtb-058e...
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC
Route tables
rtb-058eb15ef6d0929f4
Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (1/2)
Filter subnet associations
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
rudrita-subnet-private-b
subnet-0e6cf6cafa6d02c69
192.168.0.192/26
Main (rtb-0250ee97d1c76182b)
rudrita-subnet-public-a
subnet-0b5ce943adc73eced
192.168.0.0/26
Main (rtb-0250ee97d1c76182b)
Selected subnets
subnet-0b5ce943adc73eced / rudrita-subnet-public-a
Cancel
Save associations
CloudShell
Feedback
Language
Privacy
Terms
Cookie preferences


Route tables | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
You have successfully updated subnet associations for rtb-058eb15ef6d0929f4 / rudrita-rtb-public.
Route tables (1/4) Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
Edge ass
rtb-0250ee97d1c76182b
rudrita-rtb-public
rtb-058eb15ef6d0929f4
subnet-0b5ce943adc73eced / rudrita-subnet...
rudrita-rtb-private
rtb-0690c0d62be3514b2
Explicit subnet associations (0)
Edit subnet associations
Find subnet association
Subnet ID
IPv4 CIDR
IPv6 CIDR
No subnet associations
You do not have any subnet associations.
CloudShell
Feedback
Language
19:19
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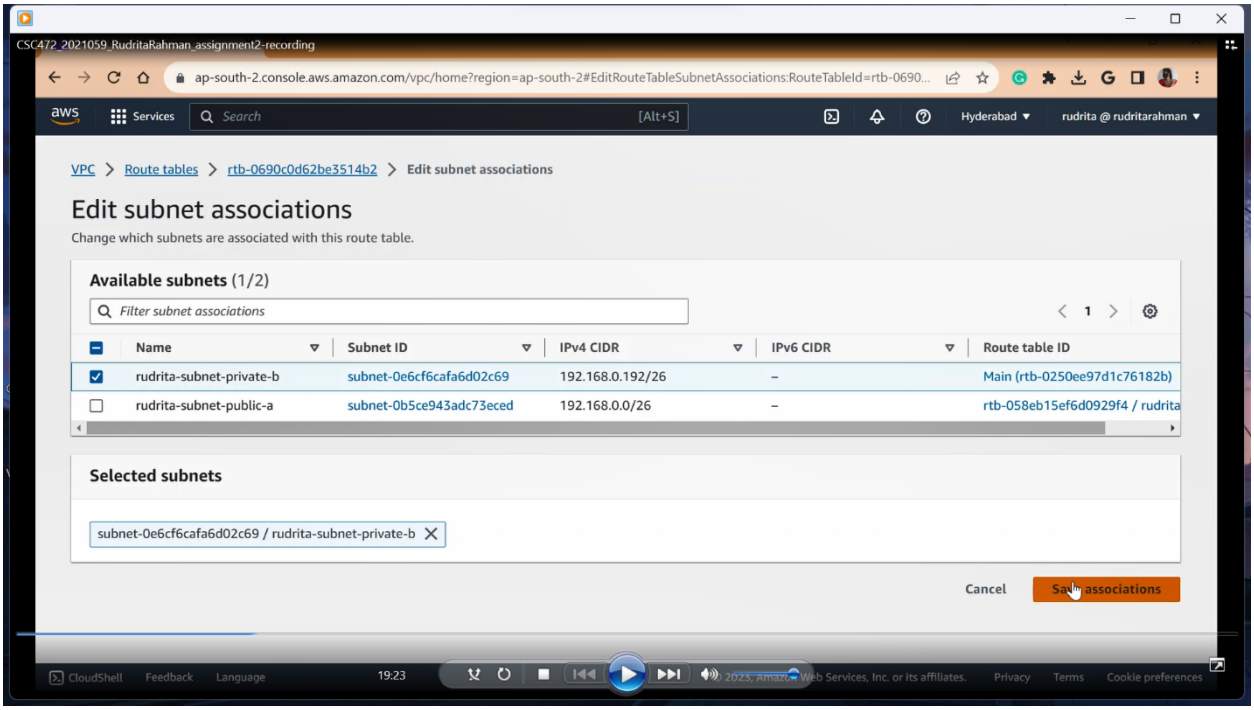
CSC472_2021059_RudritaRahman_assignment2-recording
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#EditRouteTableSubnetAssociations:RouteTableId=rtb-0690...
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Route tables > rtb-0690c0d62be3514b2 > Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (1/2)
Filter subnet associations
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
rudrita-subnet-private-b
subnet-0e6cf6cafa6d02c69
192.168.0.192/26
Main (rtb-0250ee97d1c76182b)
rudrita-subnet-public-a
subnet-0b5ce943adc73eced
192.168.0.0/26
rtb-058eb15ef6d0929f4 / rudrita
Selected subnets
subnet-0e6cf6cafa6d02c69 / rudrita-subnet-private-b
Cancel
Save associations
CloudShell
Feedback
Language
19:23
Privacy
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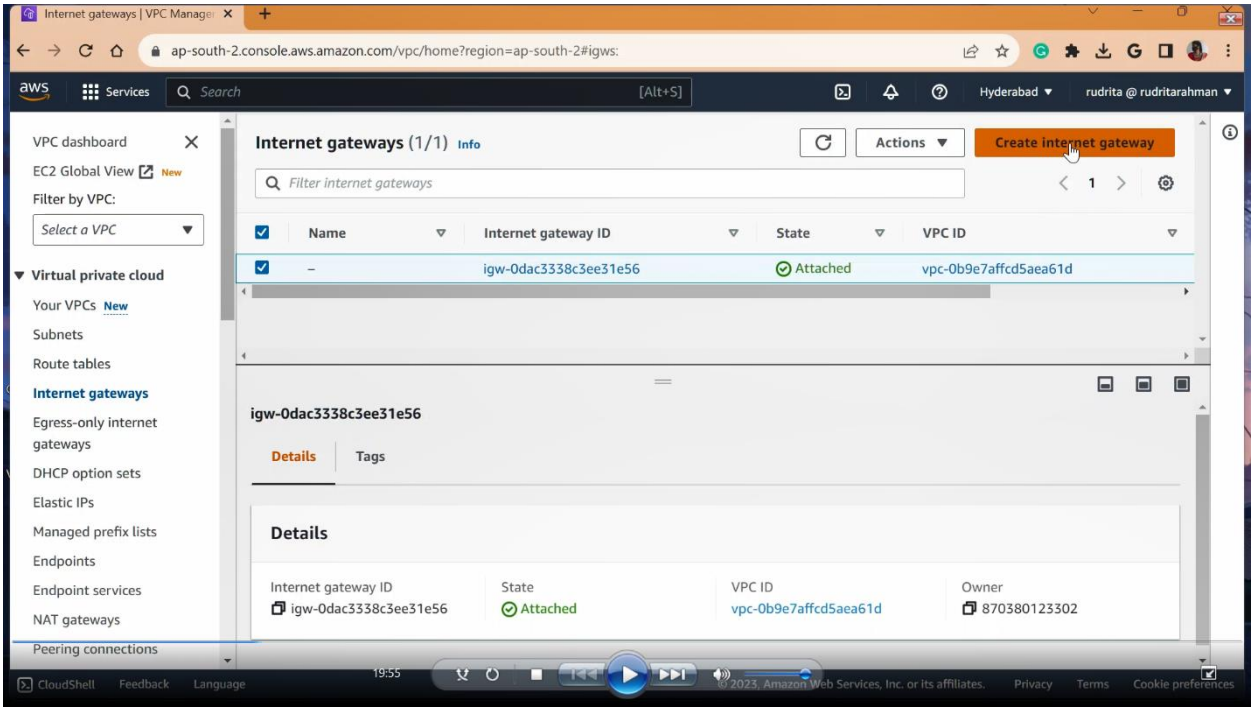
Cookie preferences


Internet gateways | VPC Manager
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#igws:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
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Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Internet gateways (1/1)
Info
Actions
Create internet gateway
Filter internet gateways
Name
Internet gateway ID
State
VPC ID
igw-0dac3338c3ee31e56
Attached
vpc-0b9e7affcd5aea61d
igw-0dac3338c3ee31e56
Details
Tags
Details
Internet gateway ID
igw-0dac3338c3ee31e56
State
Attached
VPC ID
vpc-0b9e7affcd5aea61d
Owner
870380123302
CloudShell
Feedback
Language
19:55
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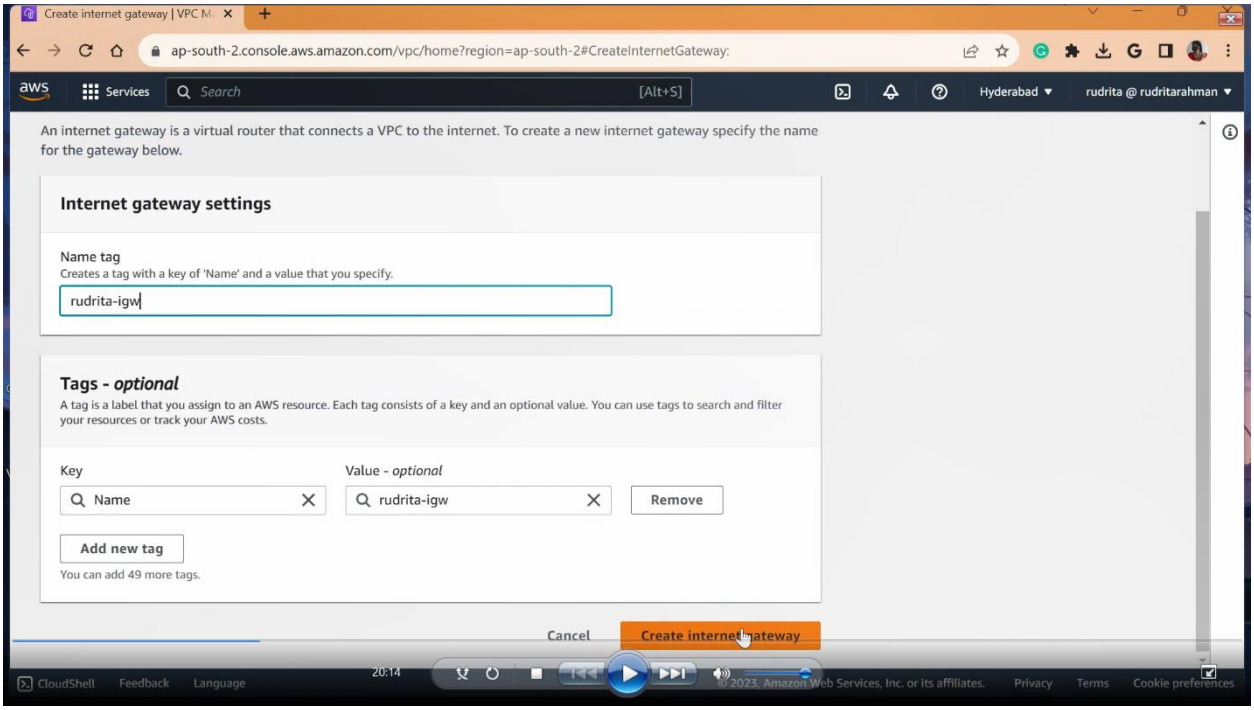
Create internet gateway | VPC M
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateInternetGateway:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.
Internet gateway settings
Name tag
Creates a tag with a key of 'Name' and a value that you specify.
rudrita-igw
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.
Key
Value - optional
Name
rudrita-igw
Remove
Add new tag
You can add 49 more tags.
Cancel
Create internet gateway
CloudShell
Feedback
Language
20:14
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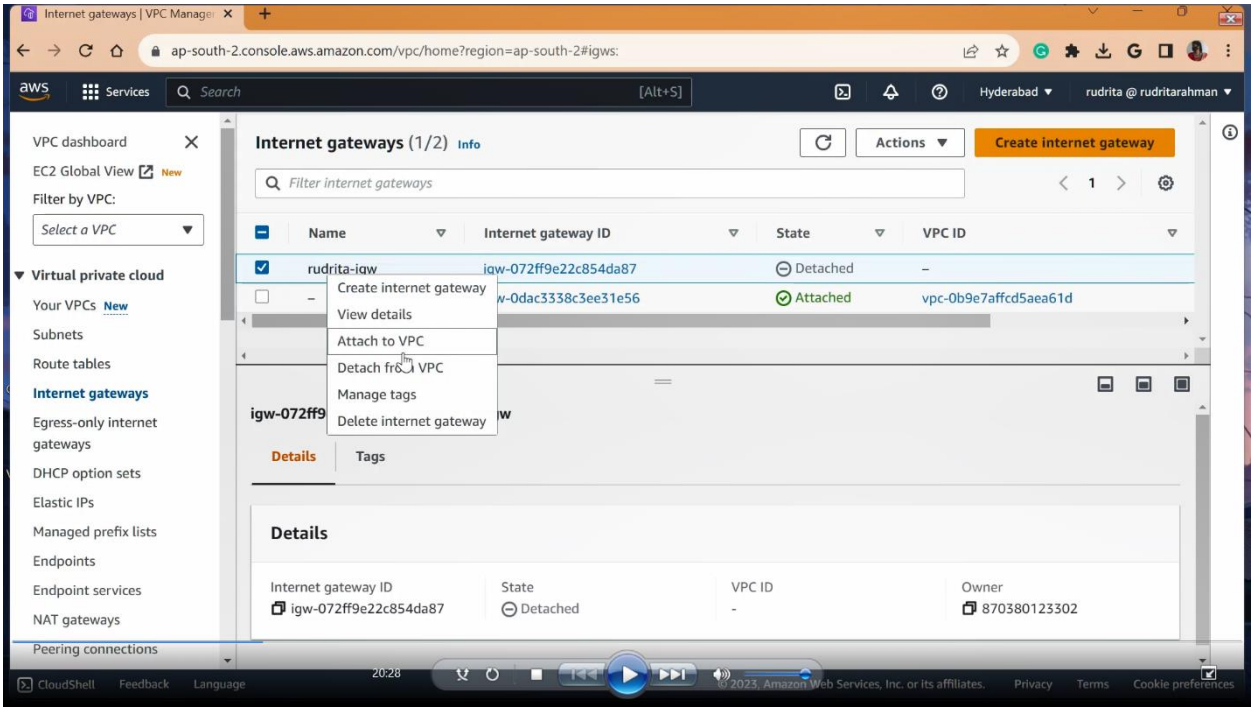
Internet gateways | VPC Manager
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#igws:
Services
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rudrita @ rudritarahman
VPC dashboard
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Filter by VPC:
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Endpoints
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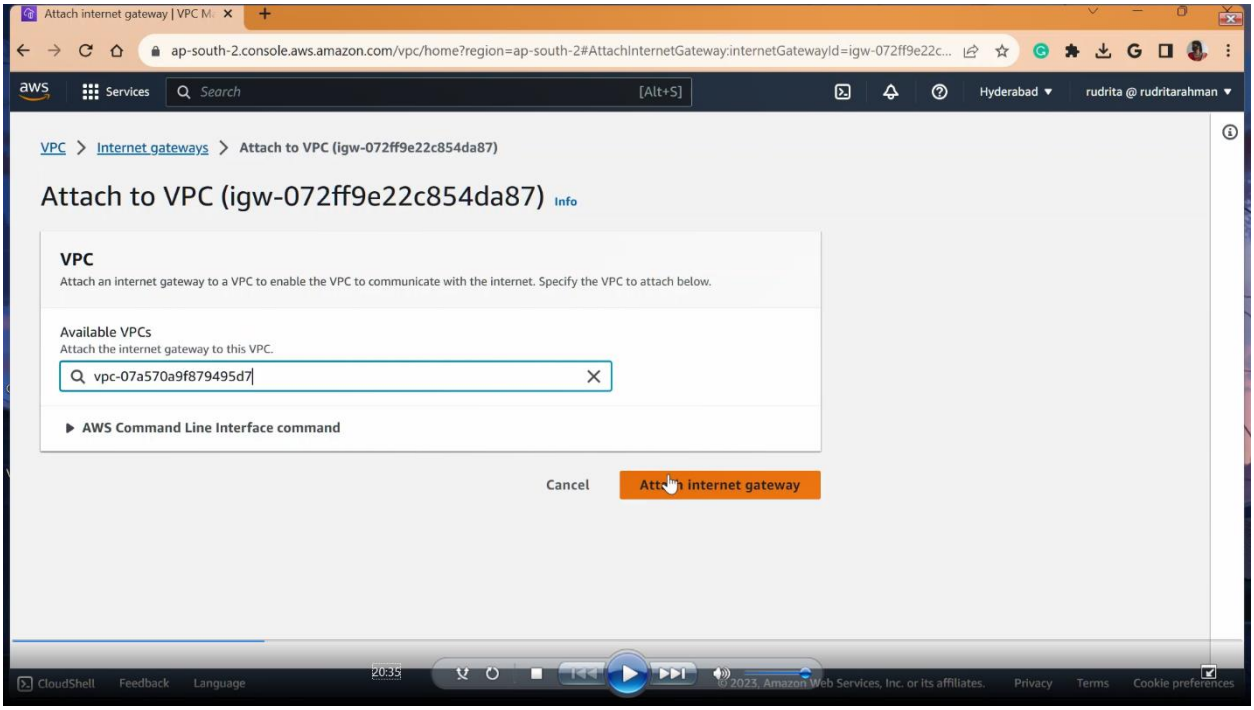
NAT gateways
Peering connections
Internet gateways (1/2) Info
Actions
Create internet gateway
Filter internet gateways
Name
Internet gateway ID
State
VPC ID
rudrita-igw
igw-072ff9e22c854da87
Detached
–
Attached
vpc-0b9e7affcd5aea61d
Create internet gateway
View details
Attach to VPC
Detach from VPC
Manage tags
Delete internet gateway
Details
Tags
Details
Internet gateway ID
igw-072ff9e22c854da87
State
Detached
VPC ID
-
Owner
870380123302
CloudShell
Feedback
Language
20:28
Privacy
Terms
Cookie preferences


Attach internet gateway | VPC M
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#AttachInternetGateway:internetGatewayId=igw-072ff9e22c...
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Internet gateways > Attach to VPC (igw-072ff9e22c854da87)
Attach to VPC (igw-072ff9e22c854da87) Info
VPC
Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.
Available VPCs
Attach the internet gateway to this VPC.
vpc-07a570a9f879495d7
AWS Command Line Interface command
Cancel
Attach internet gateway
CloudShell
Feedback
Language
20:39
Privacy
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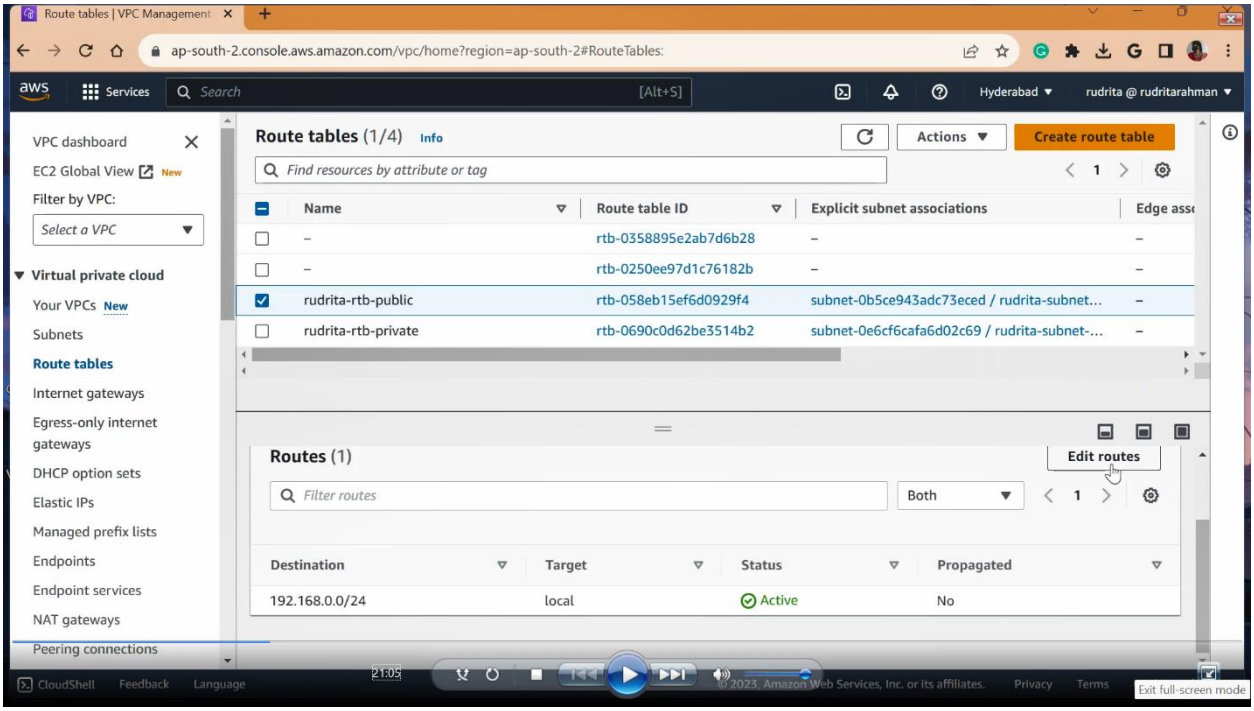
Cookie preferences


Route tables | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
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Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
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Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Route tables (1/4) Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
rtb-0358895e2ab7d6b28
rtb-0250ee97d1c76182b
rudrita-rtb-public
rtb-058eb15ef6d0929f4
subnet-0b5ce943adc73eced / rudrita-subnet...
rudrita-rtb-private
rtb-0690c0d62be3514b2
subnet-0e6cf6cafa6d02c69 / rudrita-subnet-...
Routes (1)
Edit routes
Filter routes
Both
Destination
Target
Status
Propagated
192.168.0.0/24
local
Active
No
CloudShell
Feedback
Language
21:05
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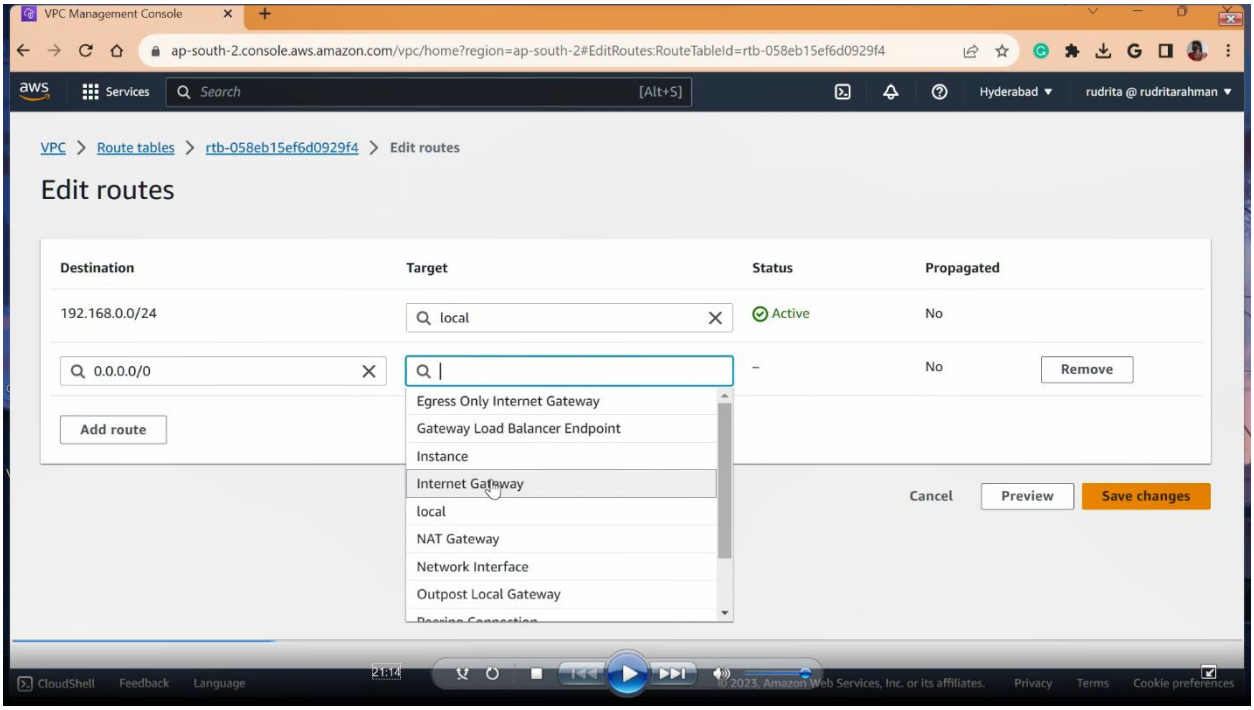
VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#EditRoutes:RouteTableId=rtb-058eb15ef6d0929f4
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Route tables > rtb-058eb15ef6d0929f4 > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/24
local
Active
No
0.0.0.0/0
No
Remove
Add route
Egress Only Internet Gateway
Gateway Load Balancer Endpoint
Instance
Internet Gateway
local
NAT Gateway
Network Interface
Outpost Local Gateway
Cancel
Preview
Save changes
CloudShell
Feedback
Language
21:14
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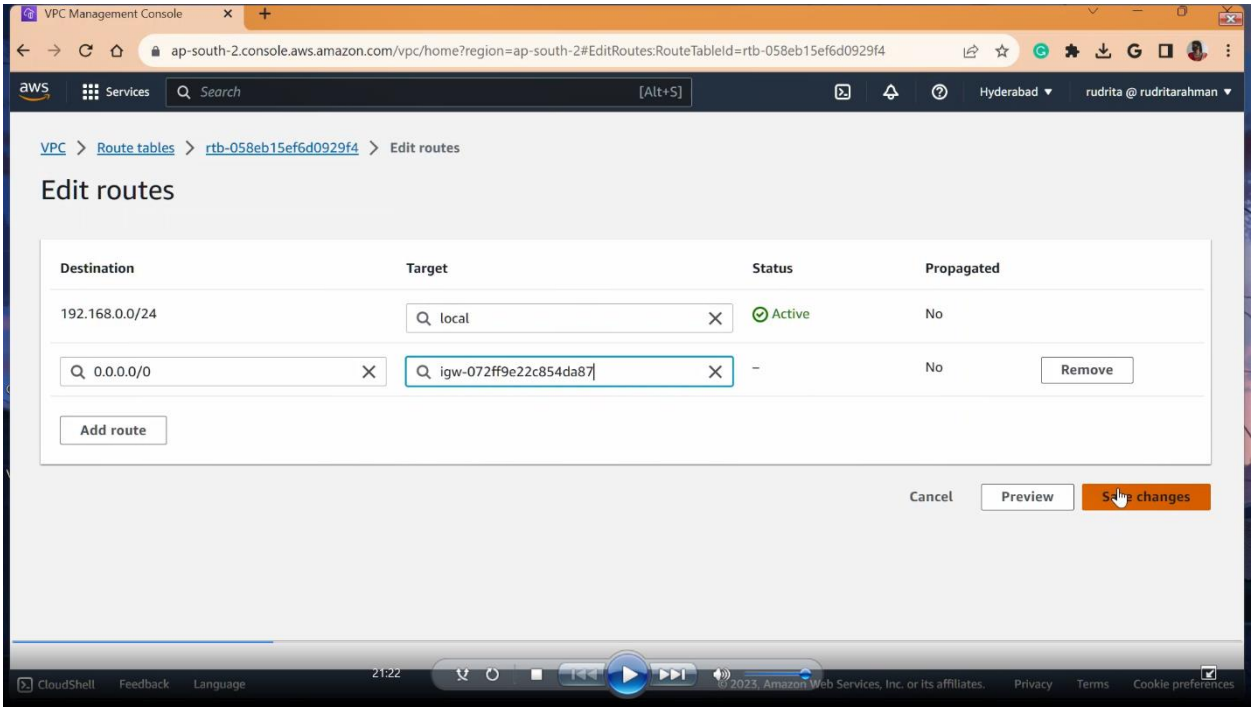
VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#EditRoutes:RouteTableId=rtb-058eb15ef6d0929f4
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Route tables > rtb-058eb15ef6d0929f4 > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/24
local
Active
No
0.0.0.0/0
igw-072ff9e22c854da87
–
No
Remove
Add route
Cancel
Preview
Save changes
CloudShell
Feedback
Language
21:22
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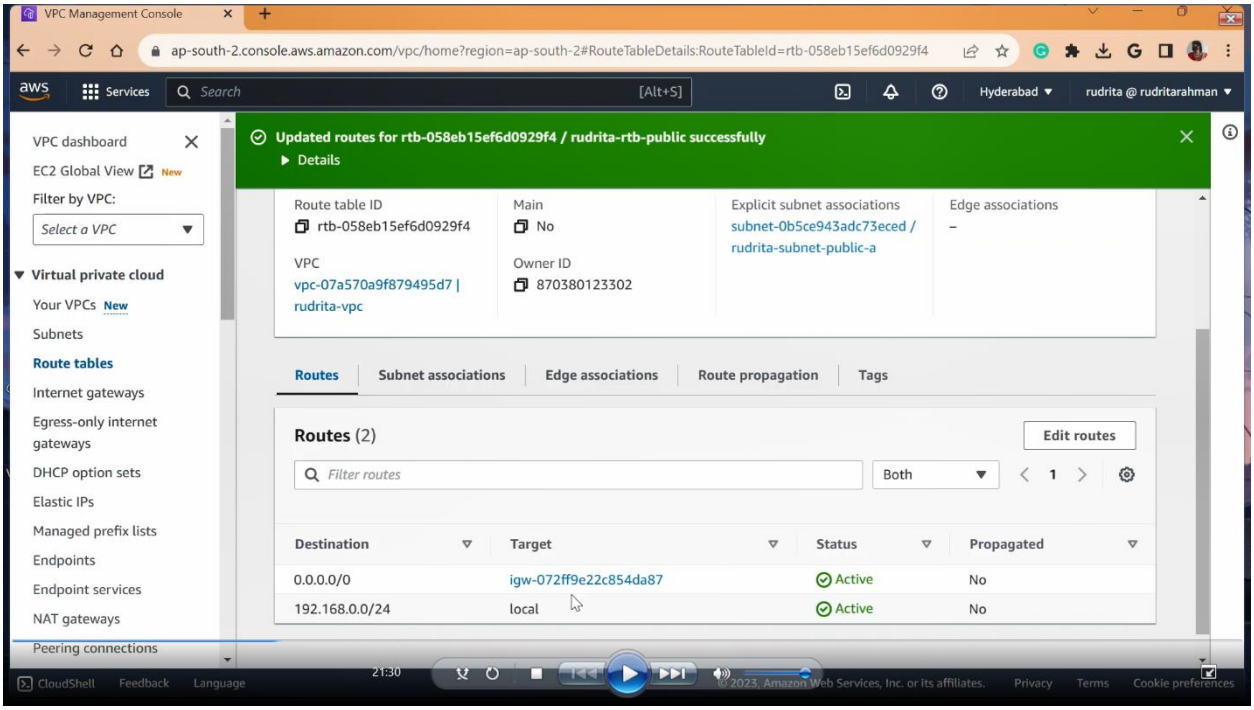
VPC Management Console
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTableDetails:RouteTableId=rtb-058eb15ef6d0929f4
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
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Egress-only internet gateways
DHCP option sets
Elastic IPs
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Endpoints
Endpoint services
NAT gateways
Peering connections
Updated routes for rtb-058eb15ef6d0929f4 / rudrita-rtb-public successfully
Details
Route table ID
rtb-058eb15ef6d0929f4
Main
No
Explicit subnet associations
subnet-0b5ce943adc73eced / rudrita-subnet-public-a
Edge associations
–
VPC
vpc-07a570a9f879495d7 | rudrita-vpc
Owner ID
870380123302
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (2)
Edit routes
Filter routes
Both
1
Destination
Target
Status
Propagated
0.0.0.0/0
igw-072ff9e22c854da87
Active
No
192.168.0.0/24
local
Active
No
CloudShell
Feedback
Language
21:30
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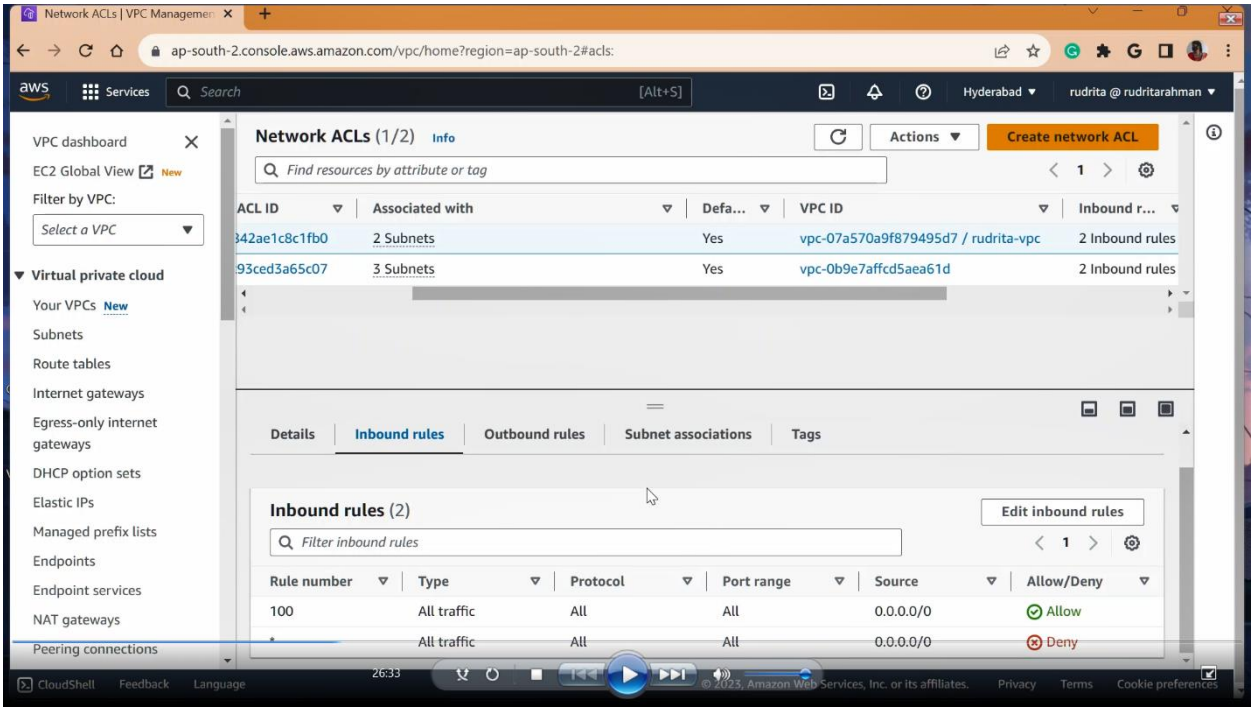
Cookie preferences


Network ACLs | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#acls:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
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Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
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Egress-only internet gateways
DHCP option sets
Elastic IPs
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Endpoints
Endpoint services
NAT gateways
Peering connections
Network ACLs (1/2)
Info
Actions
Create network ACL
Find resources by attribute or tag
ACL ID
Associated with
Defa...
VPC ID
Inbound r...
342ae1c8c1fb0
2 Subnets
Yes
vpc-07a570a9f879495d7 / rudrita-vpc
2 Inbound rules
93ced3a65c07
3 Subnets
Yes
vpc-0b9e7affcd5aea61d
2 Inbound rules
Details
Inbound rules
Outbound rules
Subnet associations
Tags
Inbound rules (2)
Edit inbound rules
Filter inbound rules
Rule number
Type
Protocol
Port range
Source
Allow/Deny
100
All traffic
All
All
0.0.0.0/0
Allow
All traffic
All
All
0.0.0.0/0
Deny
CloudShell
Feedback
Language
26:33
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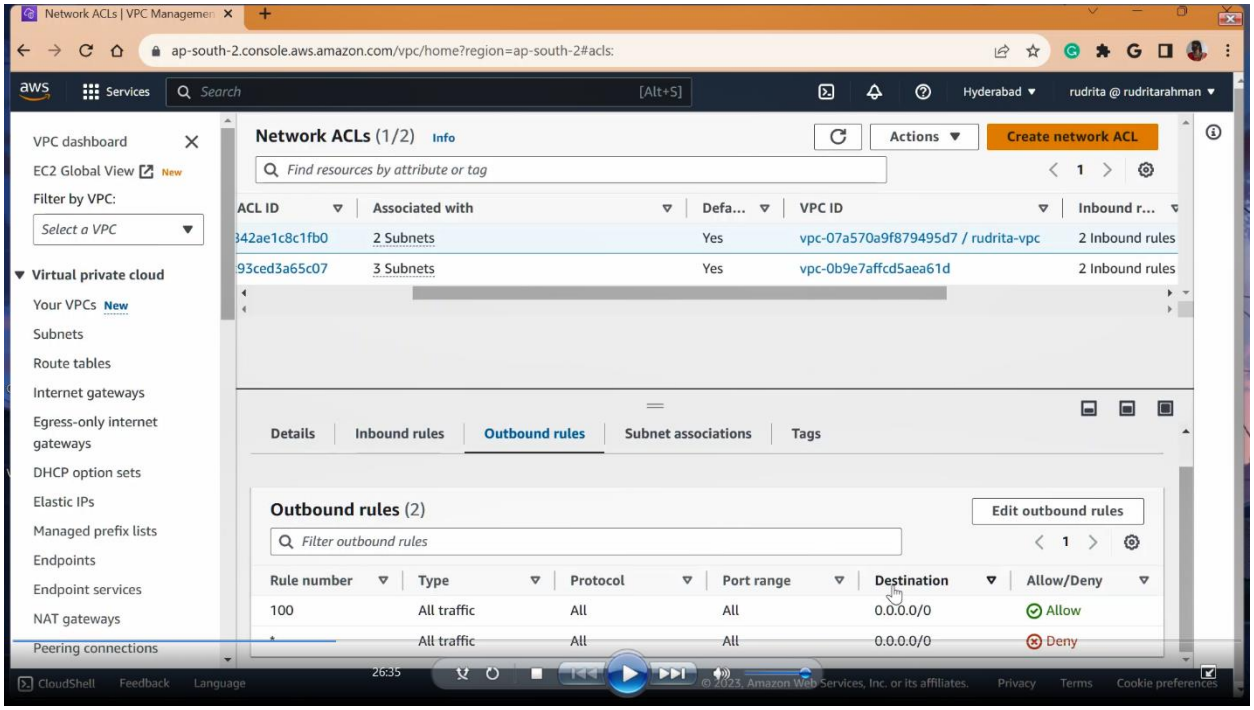
Cookie preferences


Network ACLs | VPC Management
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#acls:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
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New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
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Peering connections
Network ACLs (1/2)
Info
Actions
Create network ACL
Find resources by attribute or tag
ACL ID
Associated with
Defa...
VPC ID
Inbound r...
342ae1c8c1fb0
2 Subnets
Yes
vpc-07a570a9f879495d7 / rudrita-vpc
2 Inbound rules
93ced3a65c07
3 Subnets
Yes
vpc-0b9e7affcd5aea61d
2 Inbound rules
Details
Inbound rules
Outbound rules
Subnet associations
Tags
Outbound rules (2)
Edit outbound rules
Filter outbound rules
Rule number
Type
Protocol
Port range
Destination
Allow/Deny
100
All traffic
All
All
0.0.0.0/0
Allow
All traffic
All
All
0.0.0.0/0
Deny
CloudShell
Feedback
Language
26:35
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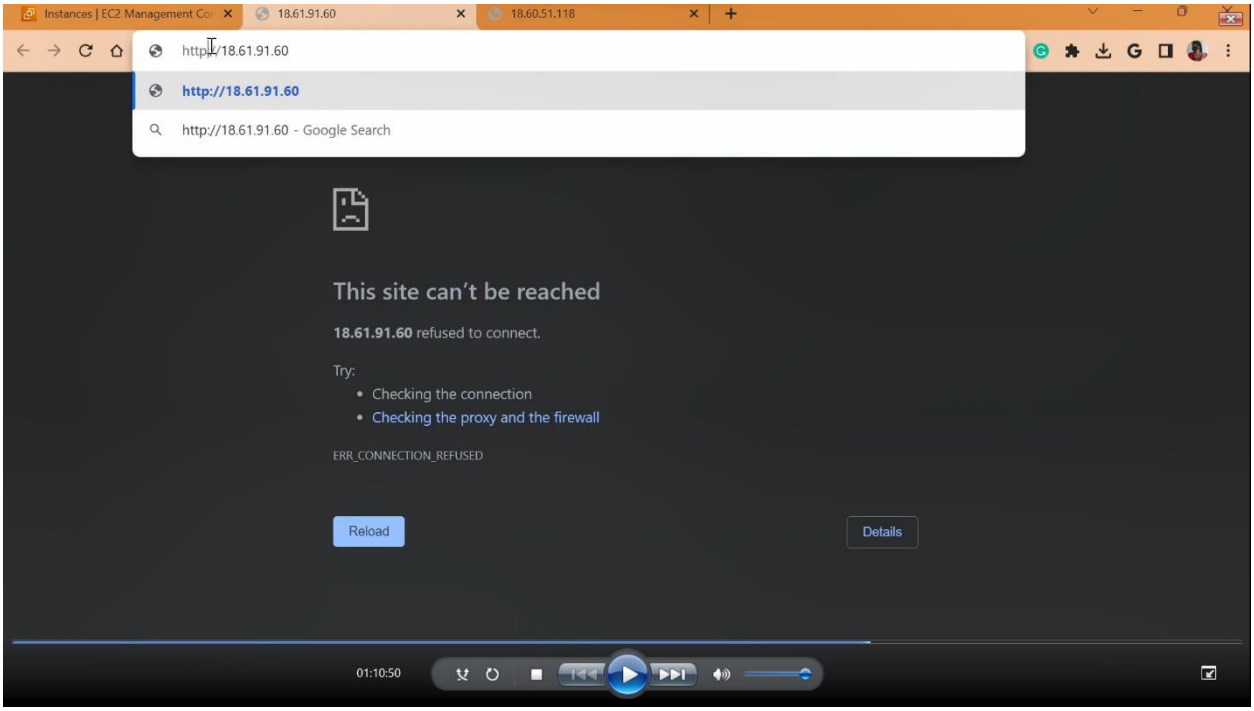
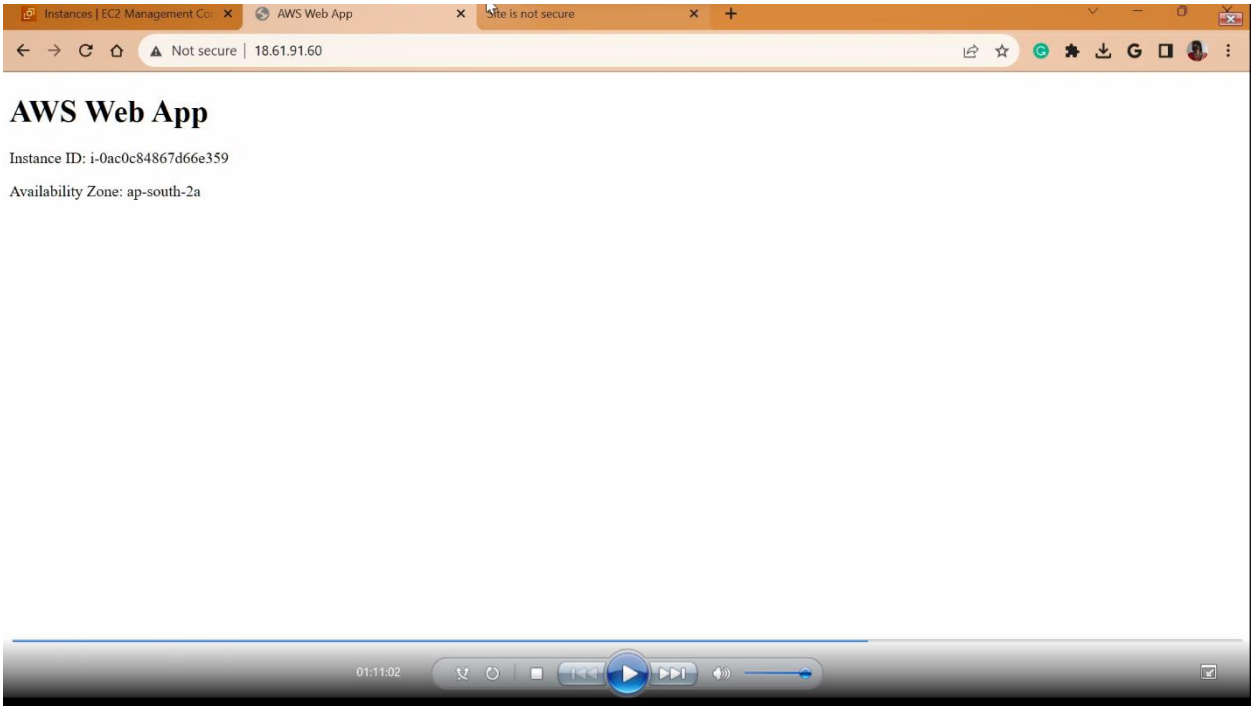
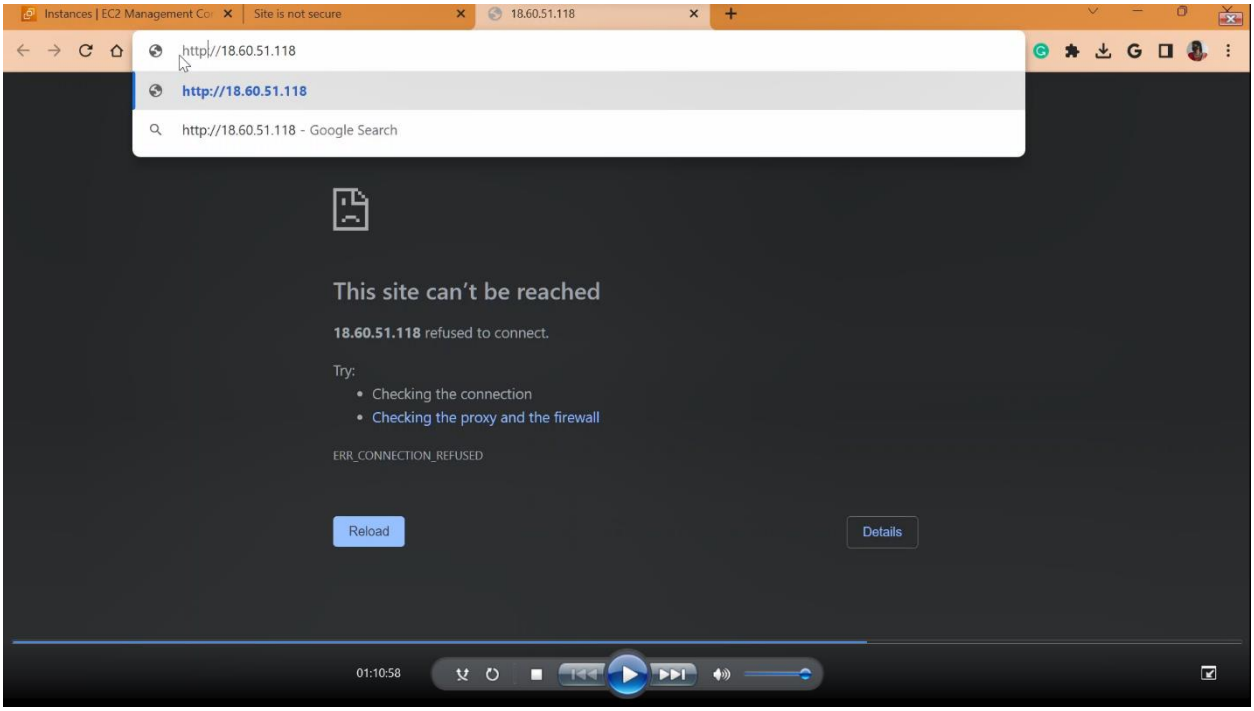
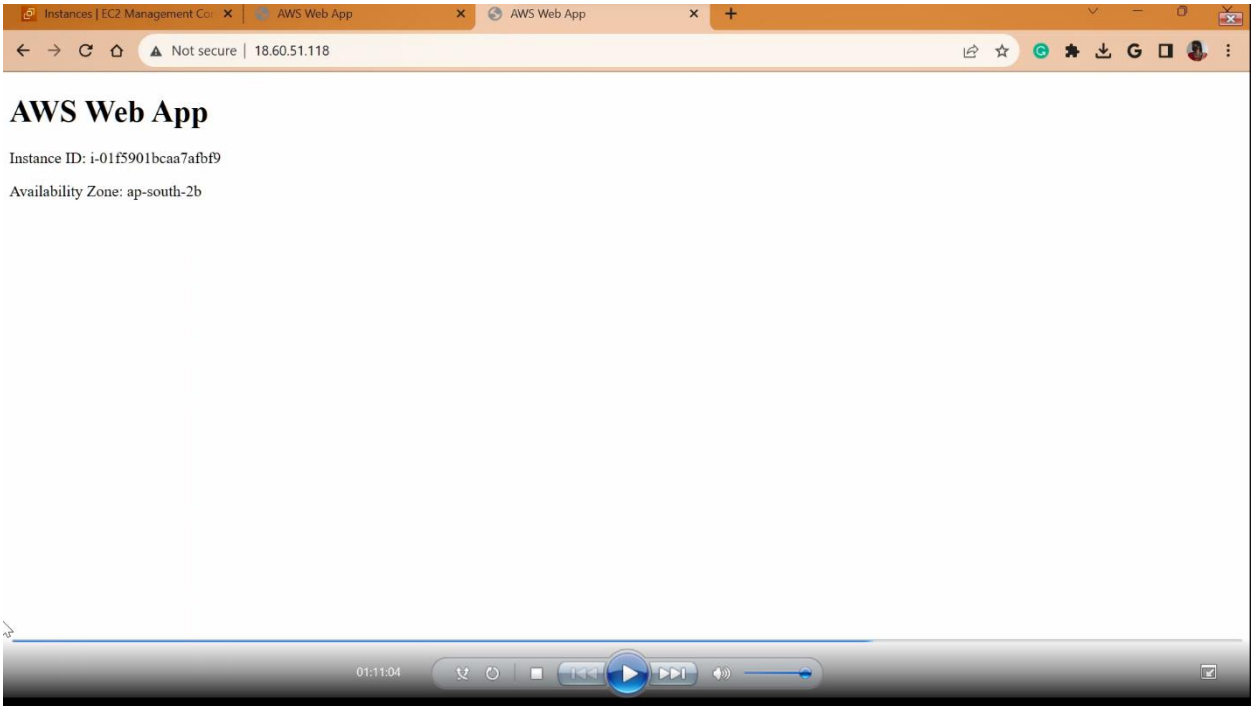
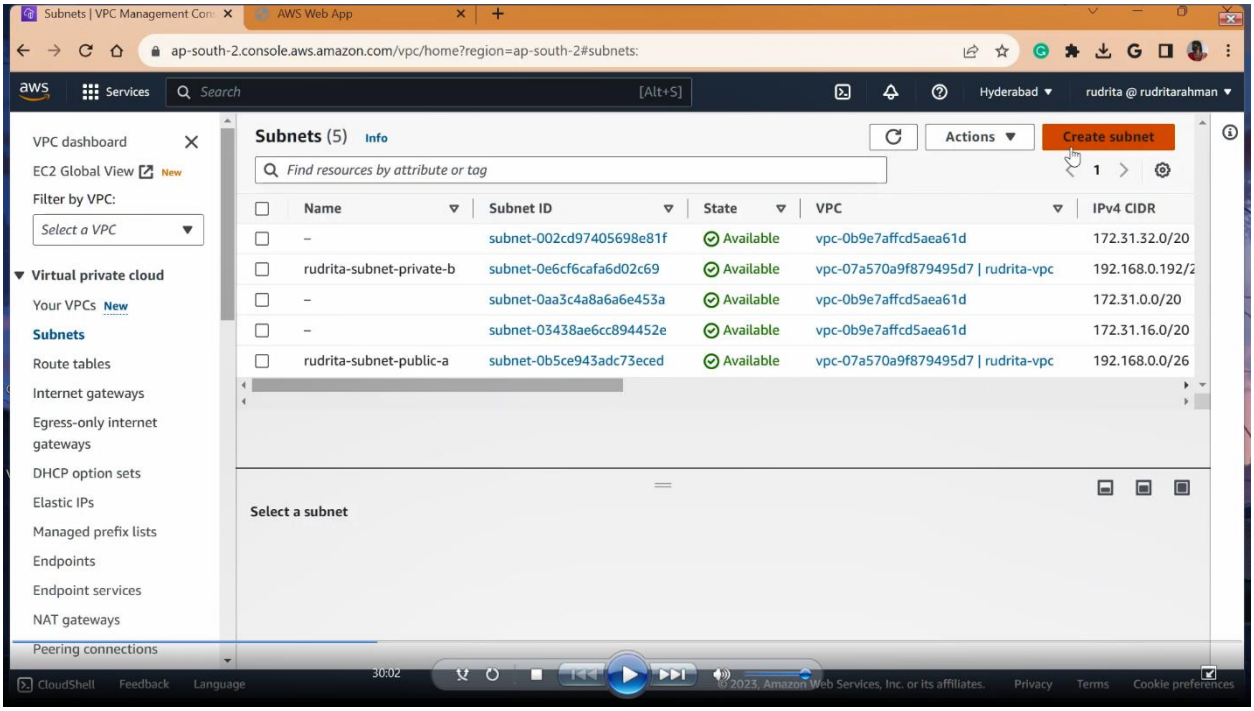
Terms
Cookie preferences


Instances | EC2 Management Co
18.61.91.60
18.60.51.118
http://18.61.91.60
http://18.61.91.60
http://18.61.91.60 - Google Search
This site can't be reached
18.61.91.60 refused to connect.
Try:
Checking the connection
Checking the proxy and the firewall
ERR_CONNECTION_REFUSED
Reload
Details
01:10:50


Instances | EC2 Management Co
AWS Web App
Site is not secure
Not secure | 18.61.91.60
AWS Web App
Instance ID: i-0ac0c84867d66e359
Availability Zone: ap-south-2a
01:11:02


Instances | EC2 Management Co
Site is not secure
18.60.51.118
http//18.60.51.118
http://18.60.51.118
http://18.60.51.118 - Google Search
This site can't be reached
18.60.51.118 refused to connect.
Try:
Checking the connection
Checking the proxy and the firewall
ERR_CONNECTION_REFUSED
Reload
Details
01:10:58


Instances | EC2 Management Co
AWS Web App
AWS Web App
Not secure | 18.60.51.118
AWS Web App
Instance ID: i-01f5901bcaa7afbf9
Availability Zone: ap-south-2b
01:11:04


Subnets | VPC Management Con
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#subnets:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Subnets (5)
Info
Actions
Create subnet
Find resources by attribute or tag
Name
Subnet ID
State
VPC
IPv4 CIDR
– subnet-002cd97405698e81f Available vpc-0b9e7affcd5aea61d 172.31.32.0/20
rudrita-subnet-private-b subnet-0e6cf6cafa6d02c69 Available vpc-07a570a9f879495d7 | rudrita-vpc 192.168.0.192/2
– subnet-0aa3c4a8a6a6e453a Available vpc-0b9e7affcd5aea61d 172.31.0.0/20
– subnet-03438ae6cc894452e Available vpc-0b9e7affcd5aea61d 172.31.16.0/20
rudrita-subnet-public-a subnet-0b5ce943adc73eced Available vpc-07a570a9f879495d7 | rudrita-vpc 192.168.0.0/26
Select a subnet
CloudShell
Feedback
Language
30:02
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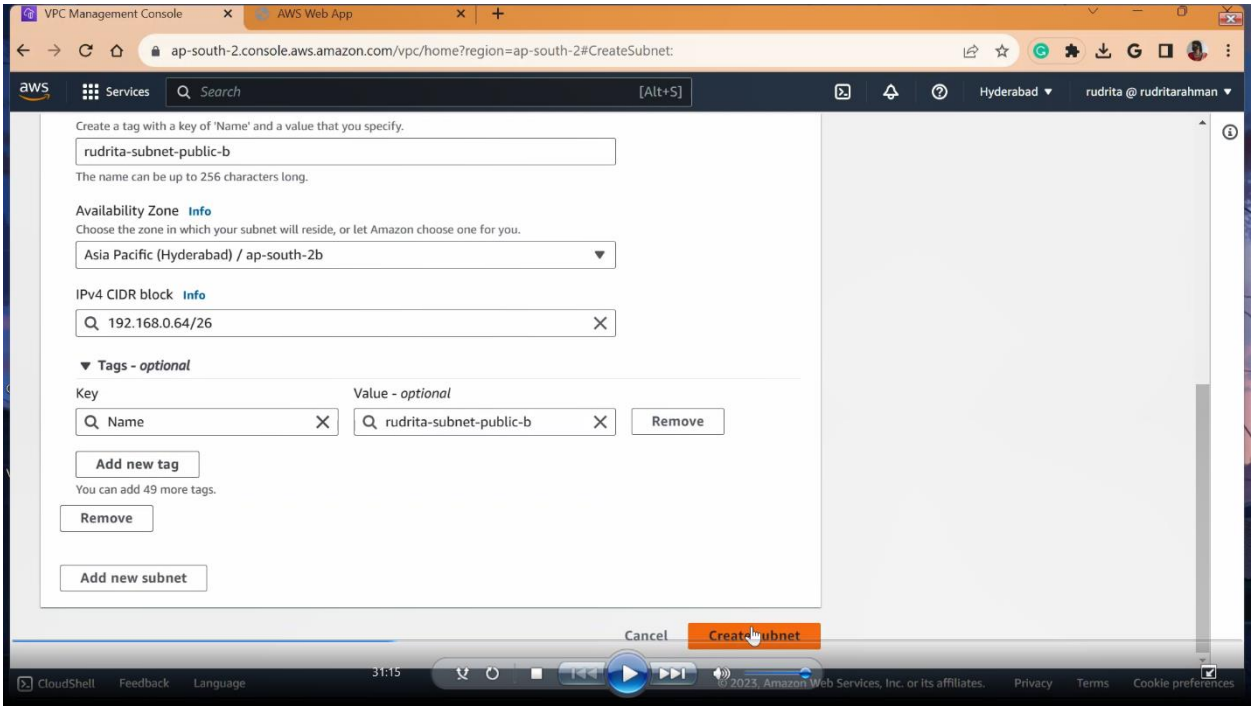
Privacy
Terms
Cookie preferences


VPC Management Console
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateSubnet:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Create a tag with a key of 'Name' and a value that you specify.
rudrita-subnet-public-b
The name can be up to 256 characters long.
Availability Zone
Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Asia Pacific (Hyderabad) / ap-south-2b
IPv4 CIDR block
Info
192.168.0.64/26
Tags - optional
Key
Value - optional
Name
rudrita-subnet-public-b
Remove
Add new tag
You can add 49 more tags.
Remove
Add new subnet
Cancel
Create subnet
CloudShell
Feedback
Language
31:15
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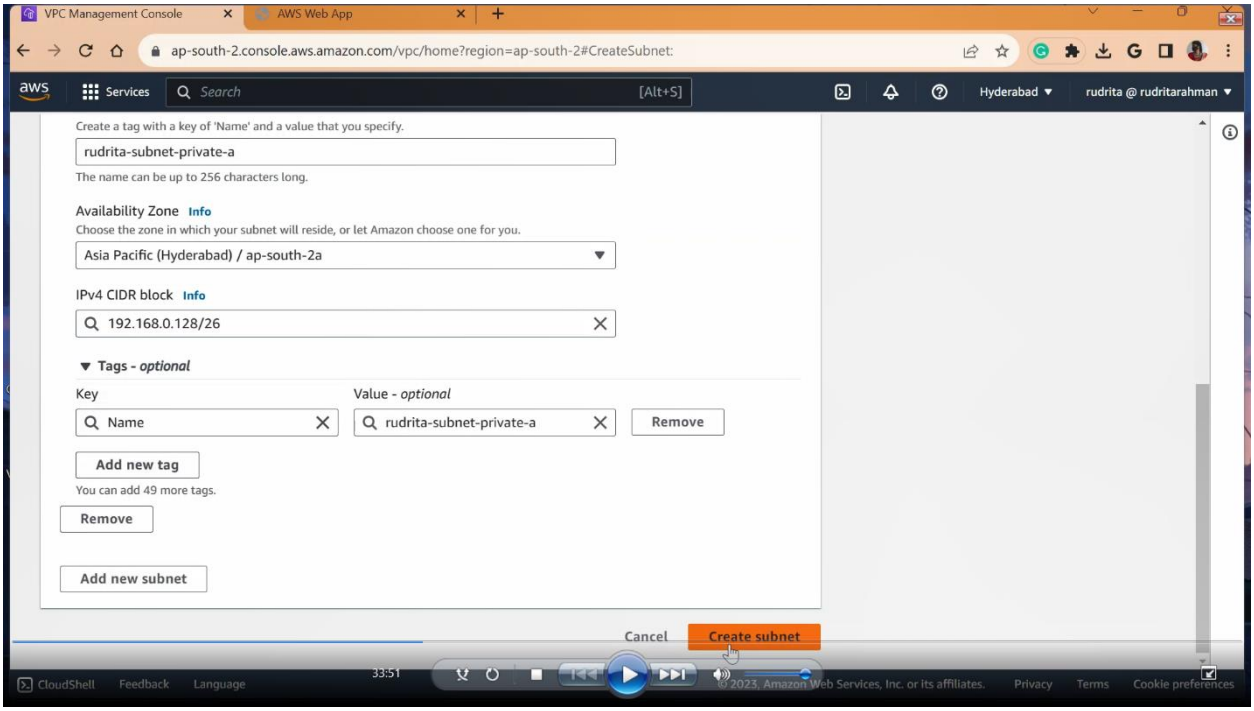
Terms
Cookie preferences


VPC Management Console
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#CreateSubnet:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Create a tag with a key of 'Name' and a value that you specify.
rudrita-subnet-private-a
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
Asia Pacific (Hyderabad) / ap-south-2a
IPv4 CIDR block Info
192.168.0.128/26
Tags - optional
Key
Value - optional
Name
rudrita-subnet-private-a
Remove
Add new tag
You can add 49 more tags.
Remove
Add new subnet
Cancel
Create subnet
CloudShell
Feedback
Language
33:51
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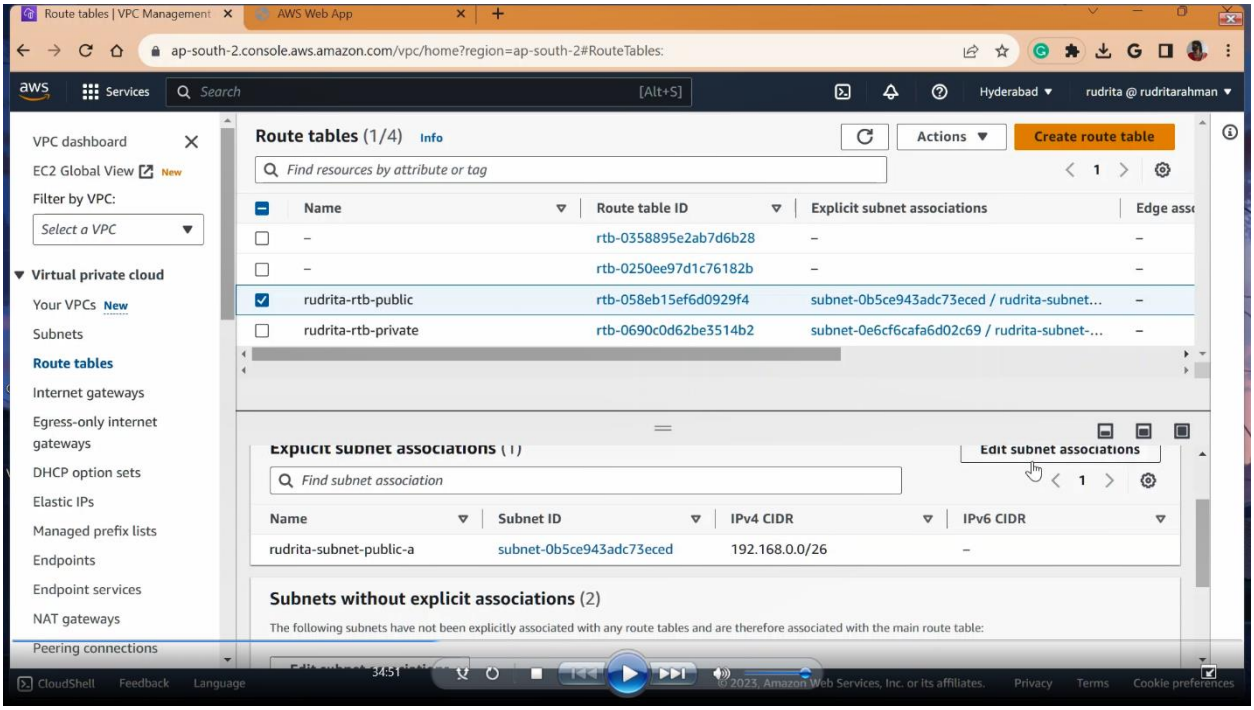
Terms
Cookie preferences


Route tables | VPC Management
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Route tables (1/4) Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
rudrita-rtb-public
rtb-058eb15ef6d0929f4
subnet-0b5ce943adc73eced / rudrita-subnet...
rudrita-rtb-private
rtb-0690c0d62be3514b2
subnet-0e6cf6cafa6d02c69 / rudrita-subnet-...
rtb-0358895e2ab7d6b28
rtb-0250ee97d1c76182b
Edit subnet associations
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
rudrita-subnet-public-a
subnet-0b5ce943adc73eced
192.168.0.0/26
Subnets without explicit associations (2)
The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:
CloudShell
Feedback
Language
34:51
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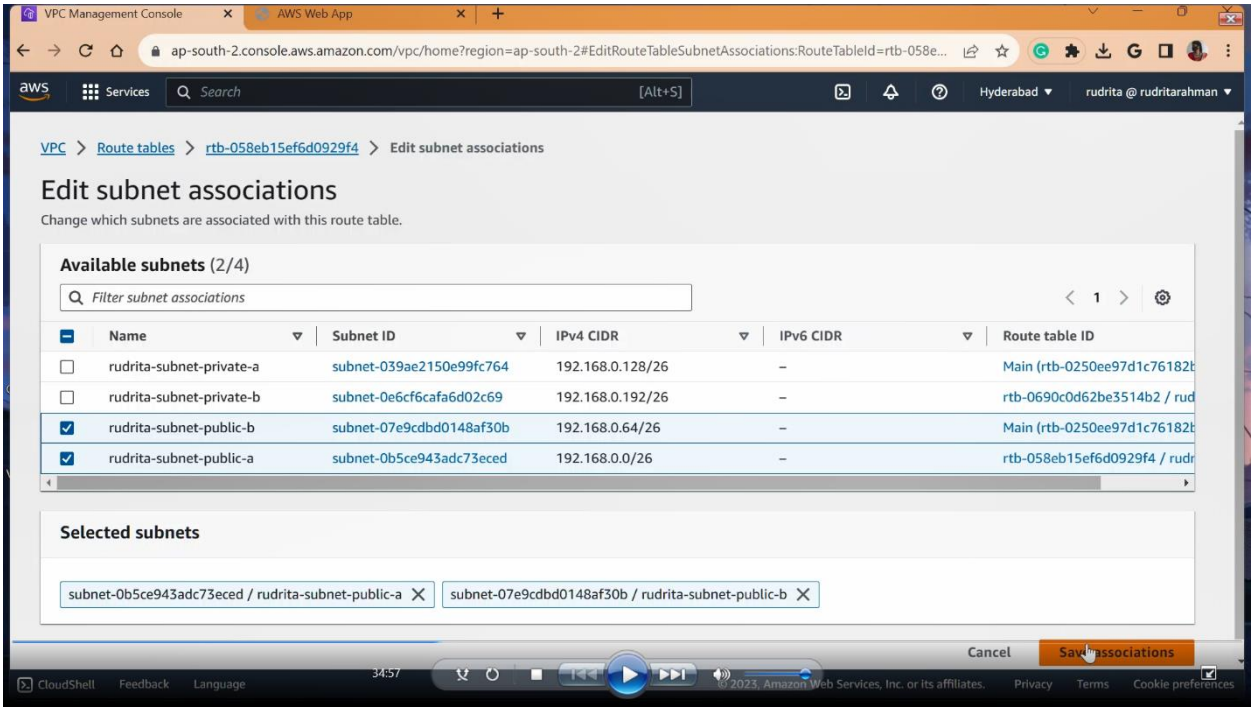
Privacy
Terms
Cookie preferences


VPC Management Console
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#EditRouteTableSubnetAssociations:RouteTableId=rtb-058e...
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Route tables > rtb-058eb15ef6d0929f4 > Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (2/4)
Filter subnet associations
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
rudrita-subnet-private-a
subnet-039ae2150e99fc764
192.168.0.128/26
rudrita-subnet-private-b
subnet-0e6cf6cafa6d02c69
192.168.0.192/26
rtb-0690c0d62be3514b2 / rud
rudrita-subnet-public-b
subnet-07e9cdbd0148af30b
192.168.0.64/26
Main (rtb-0250ee97d1c76182b
rudrita-subnet-public-a
subnet-0b5ce943adc73eced
192.168.0.0/26
rtb-058eb15ef6d0929f4 / rudr
Selected subnets
subnet-0b5ce943adc73eced / rudrita-subnet-public-a
subnet-07e9cdbd0148af30b / rudrita-subnet-public-b
Cancel
Save associations
CloudShell
Feedback
Language
34:57
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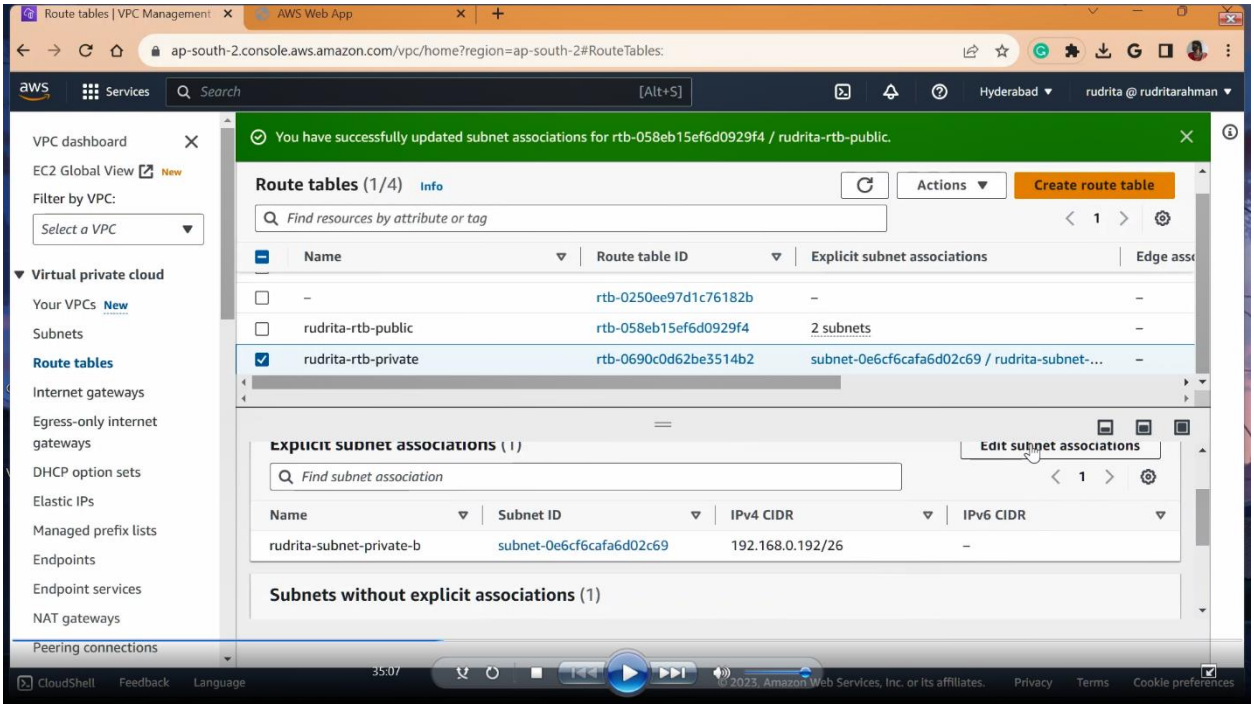
Terms
Cookie preferences


Route tables | VPC Management
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#RouteTables:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
You have successfully updated subnet associations for rtb-058eb15ef6d0929f4 / rudrita-rtb-public.
Route tables (1/4)
Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associations
Edge ass
rtb-0250ee97d1c76182b
rudrita-rtb-public
rtb-058eb15ef6d0929f4
2 subnets
rudrita-rtb-private
rtb-0690c0d62be3514b2
subnet-0e6cf6cafa6d02c69 / rudrita-subnet-...
Edit subnet associations
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
rudrita-subnet-private-b
subnet-0e6cf6cafa6d02c69
192.168.0.192/26
Subnets without explicit associations (1)
CloudShell
Feedback
Language
35:07
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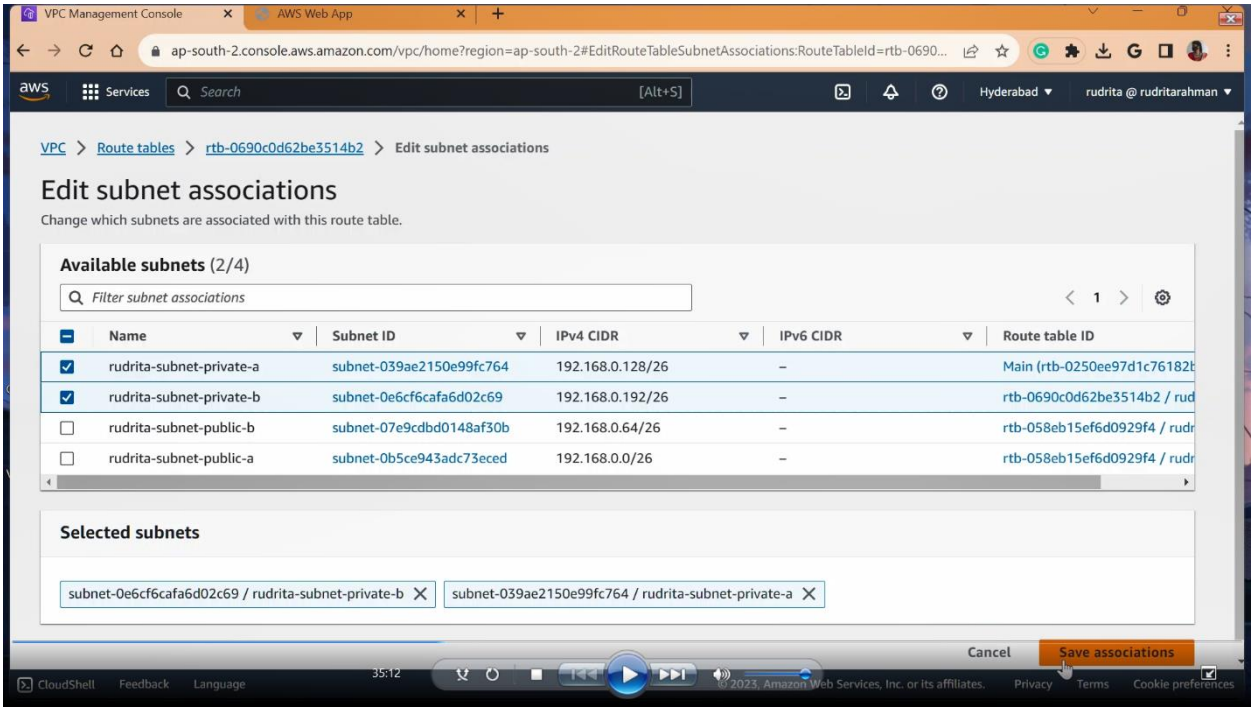
Terms
Cookie preferences


VPC Management Console
AWS Web App
ap-south-2.console.aws.amazon.com/vpc/home?region=ap-south-2#EditRouteTableSubnetAssociations:RouteTableId=rtb-0690...
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
VPC > Route tables > rtb-0690c0d62be3514b2 > Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (2/4)
Filter subnet associations
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
rudrita-subnet-private-a
subnet-039ae2150e99fc764
192.168.0.128/26
rudrita-subnet-private-b
subnet-0e6cf6cafa6d02c69
192.168.0.192/26
rudrita-subnet-public-b
subnet-07e9cdbd0148af30b
192.168.0.64/26
rudrita-subnet-public-a
subnet-0b5ce943adc73eced
192.168.0.0/26
Selected subnets
subnet-0e6cf6cafa6d02c69 / rudrita-subnet-private-b
subnet-039ae2150e99fc764 / rudrita-subnet-private-a
Cancel
Save associations
CloudShell
Feedback
Language
35:12
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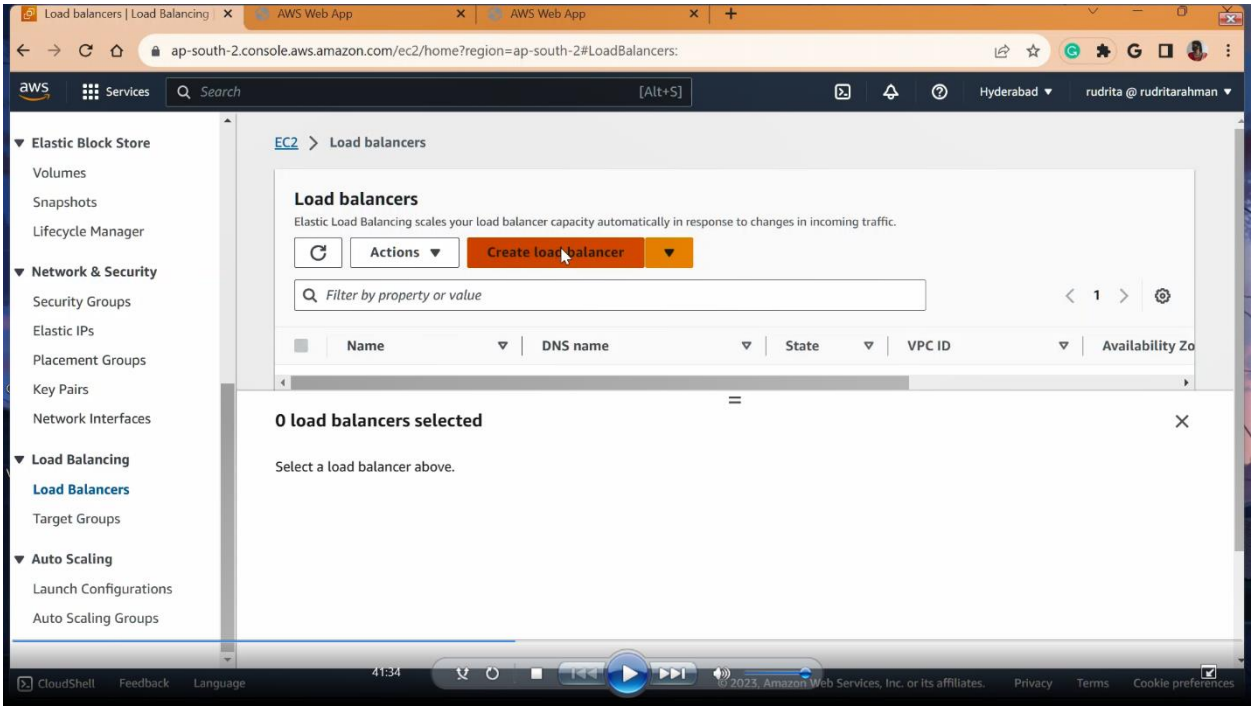
Privacy
Terms
Cookie preferences


Load balancers | Load Balancing
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LoadBalancers:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Load Balancers
Target Groups
Auto Scaling
Launch Configurations
Auto Scaling Groups
EC2 > Load balancers
Load balancers
Elastic Load Balancing scales your load balancer capacity automatically in response to changes in incoming traffic.
Actions
Create load balancer
Filter by property or value
Name
DNS name
State
VPC ID
Availability Zo
0 load balancers selected
Select a load balancer above.
CloudShell
Feedback
Language
41:34
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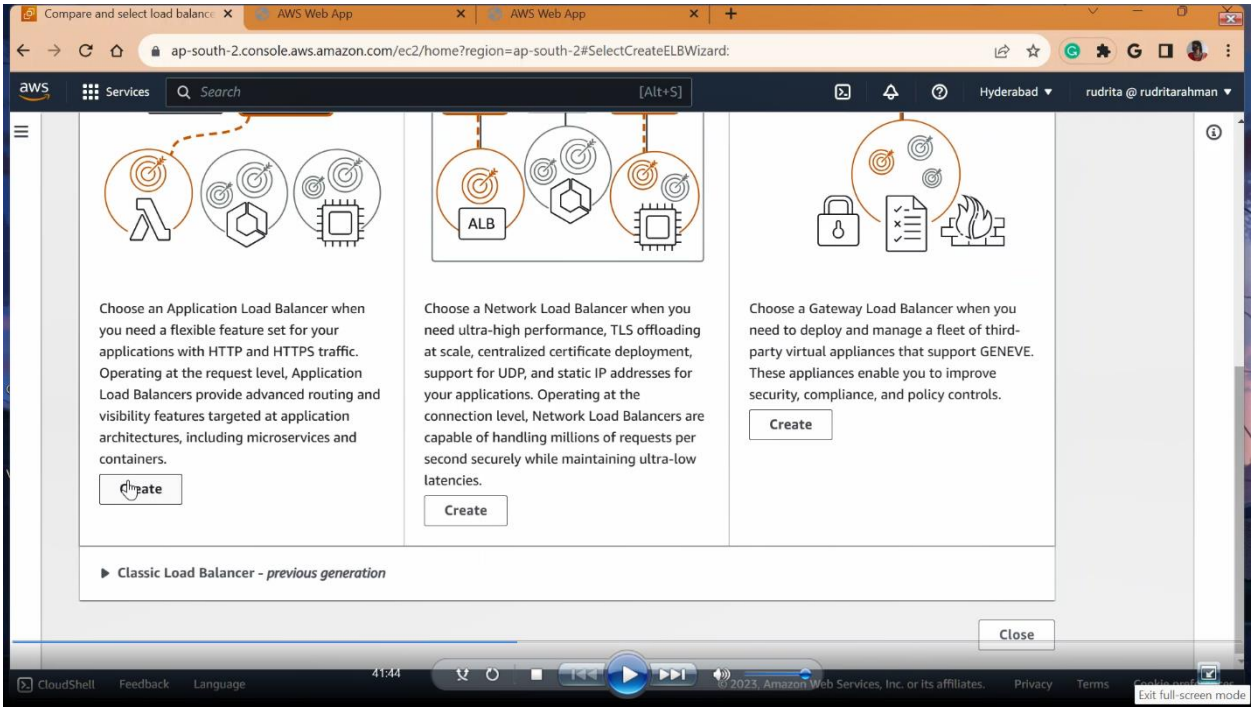
Privacy
Terms
Cookie preferences


Compare and select load balance
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#SelectCreateELBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
ALB
Choose an Application Load Balancer when you need a flexible feature set for your applications with HTTP and HTTPS traffic. Operating at the request level, Application Load Balancers provide advanced routing and visibility features targeted at application architectures, including microservices and containers.
Create
Choose a Network Load Balancer when you need ultra-high performance, TLS offloading at scale, centralized certificate deployment, support for UDP, and static IP addresses for your applications. Operating at the connection level, Network Load Balancers are capable of handling millions of requests per second securely while maintaining ultra-low latencies.
Create
Choose a Gateway Load Balancer when you need to deploy and manage a fleet of third-party virtual appliances that support GENEVE. These appliances enable you to improve security, compliance, and policy controls.
Create
Classic Load Balancer - previous generation
Close
41:44
CloudShell
Feedback
Language
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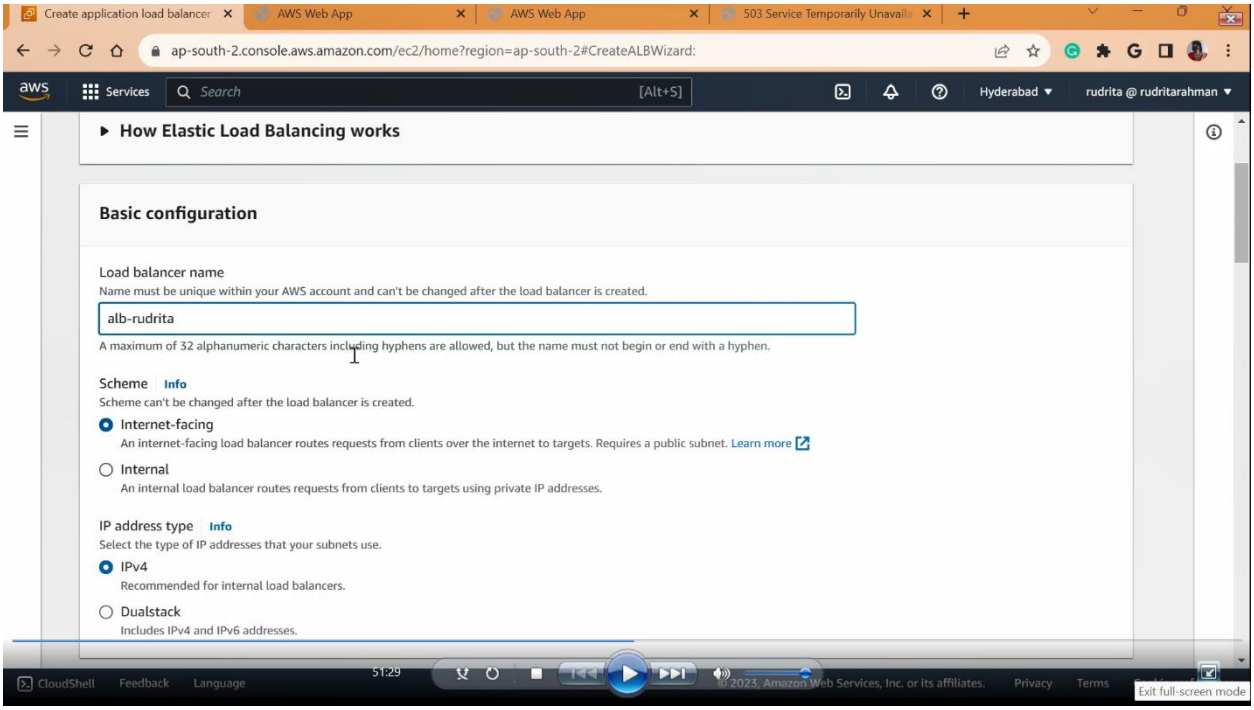
Privacy
Terms
Exit full-screen mode


Create application load balancer
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
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.
alb-rudrita
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
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.
IPv4
Recommended for internal load balancers.
Dualstack
Includes IPv4 and IPv6 addresses.
51:29
CloudShell
Feedback
Language
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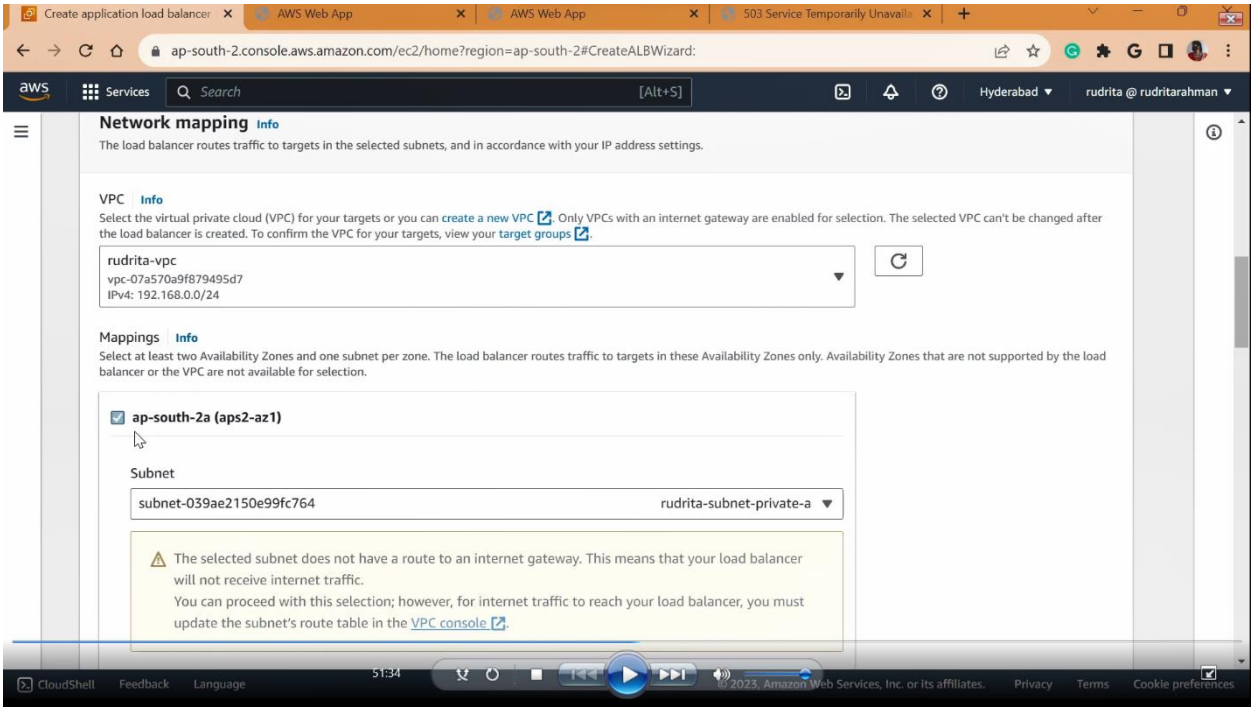
Terms
Exit full-screen mode


Create application load balancer
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Network mapping Info
The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.
VPC Info
Select the virtual private cloud (VPC) for your targets or you can create a new VPC. Only VPCs with an internet gateway are enabled for selection. The selected VPC can't be changed after the load balancer is created. To confirm the VPC for your targets, view your target groups.
rudrita-vpc
vpc-07a570a9f879495d7
IPv4: 192.168.0.0/24
Mappings Info
Select at least two Availability Zones and one subnet per zone. The load balancer routes traffic to targets in these Availability Zones only. Availability Zones that are not supported by the load balancer or the VPC are not available for selection.
ap-south-2a (aps2-az1)
Subnet
subnet-039ae2150e99fc764
rudrita-subnet-private-a
The selected subnet does not have a route to an internet gateway. This means that your load balancer will not receive internet traffic.
You can proceed with this selection; however, for internet traffic to reach your load balancer, you must update the subnet's route table in the VPC console.
51:34
CloudShell
Feedback
Language
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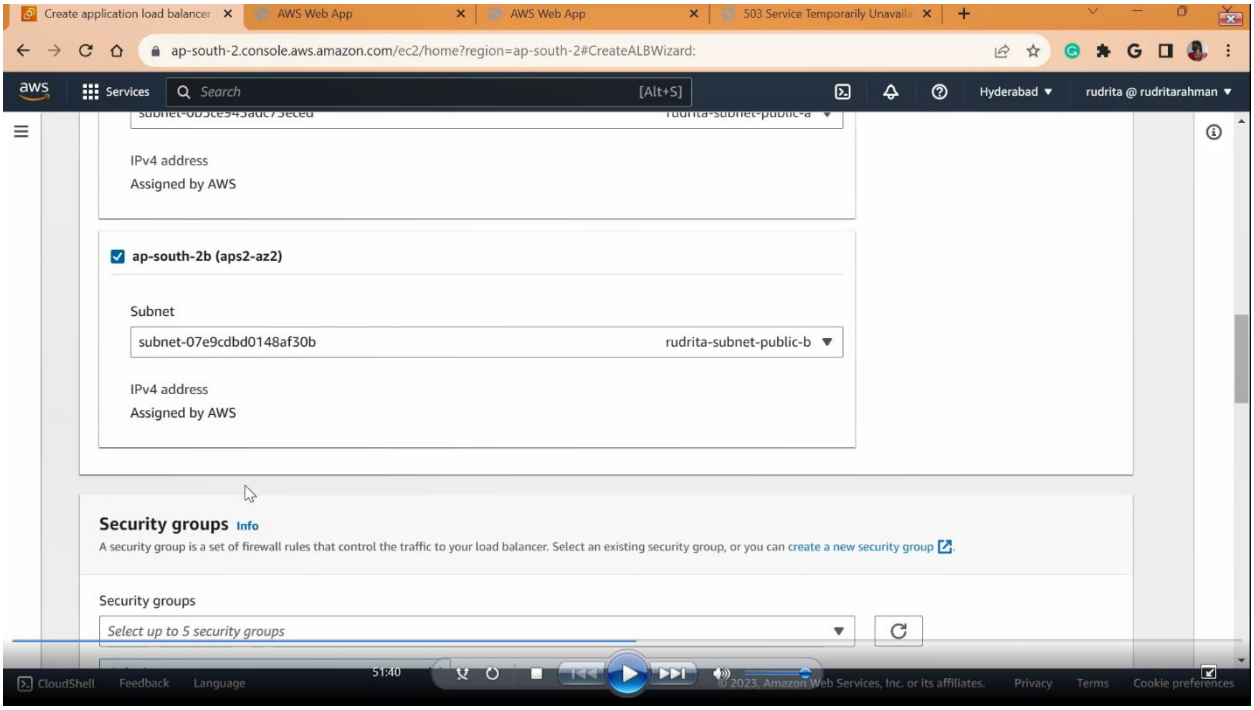
Privacy
Terms
Cookie preferences


Create application load balancer
AWS Web App
AWS Web App
503 Service Temporarily Unavaila
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
IPv4 address
Assigned by AWS
ap-south-2b (aps2-az2)
Subnet
subnet-07e9cdbd0148af30b
rudrita-subnet-public-b
IPv4 address
Assigned by AWS
Security groups Info
A security group is a set of firewall rules that control the traffic to your load balancer. Select an existing security group, or you can create a new security group.
Security groups
Select up to 5 security groups
51:40
CloudShell
Feedback
Language
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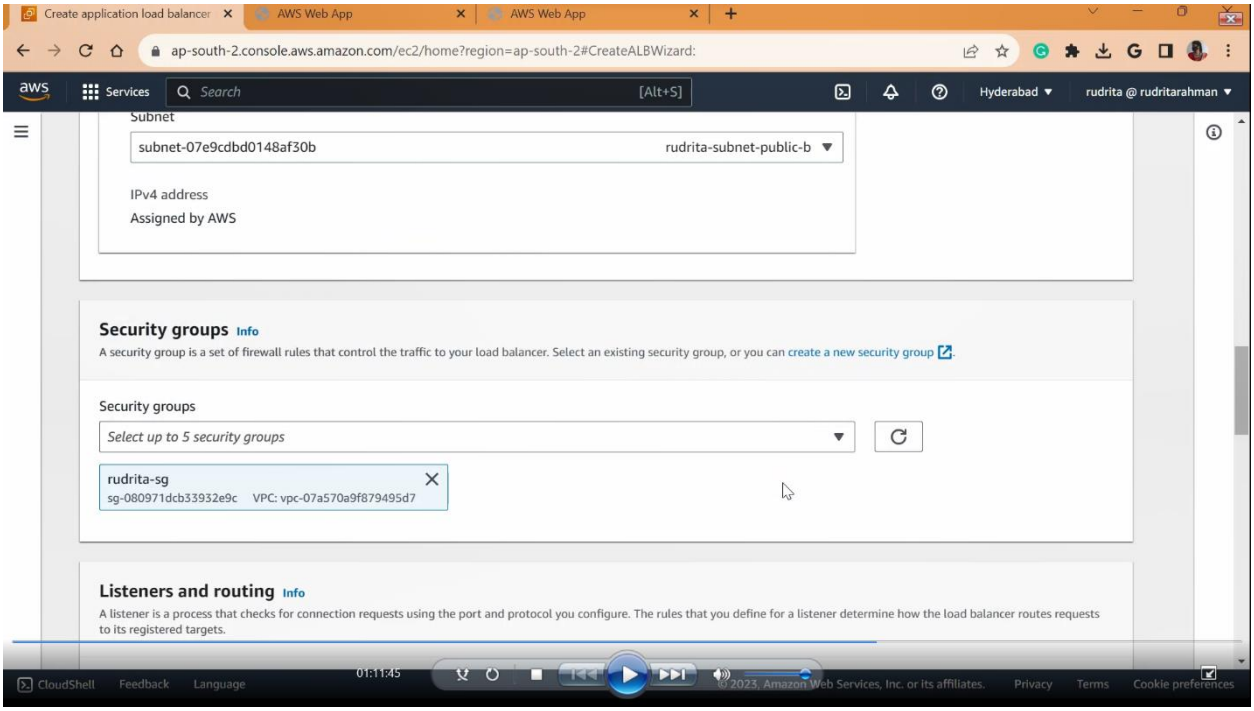
Terms
Cookie preferences


Create application load balancer
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Subnet
subnet-07e9cdbd0148af30b
rudrita-subnet-public-b
IPv4 address
Assigned by AWS
Security groups Info
A security group is a set of firewall rules that control the traffic to your load balancer. Select an existing security group, or you can create a new security group.
Security groups
Select up to 5 security groups
rudrita-sg
sg-080971dcb33932e9c VPC: vpc-07a570a9f879495d7
Listeners and routing Info
A listener is a process that checks for connection requests using the port and protocol you configure. The rules that you define for a listener determine how the load balancer routes requests to its registered targets.
01:11:45
CloudShell
Feedback
Language
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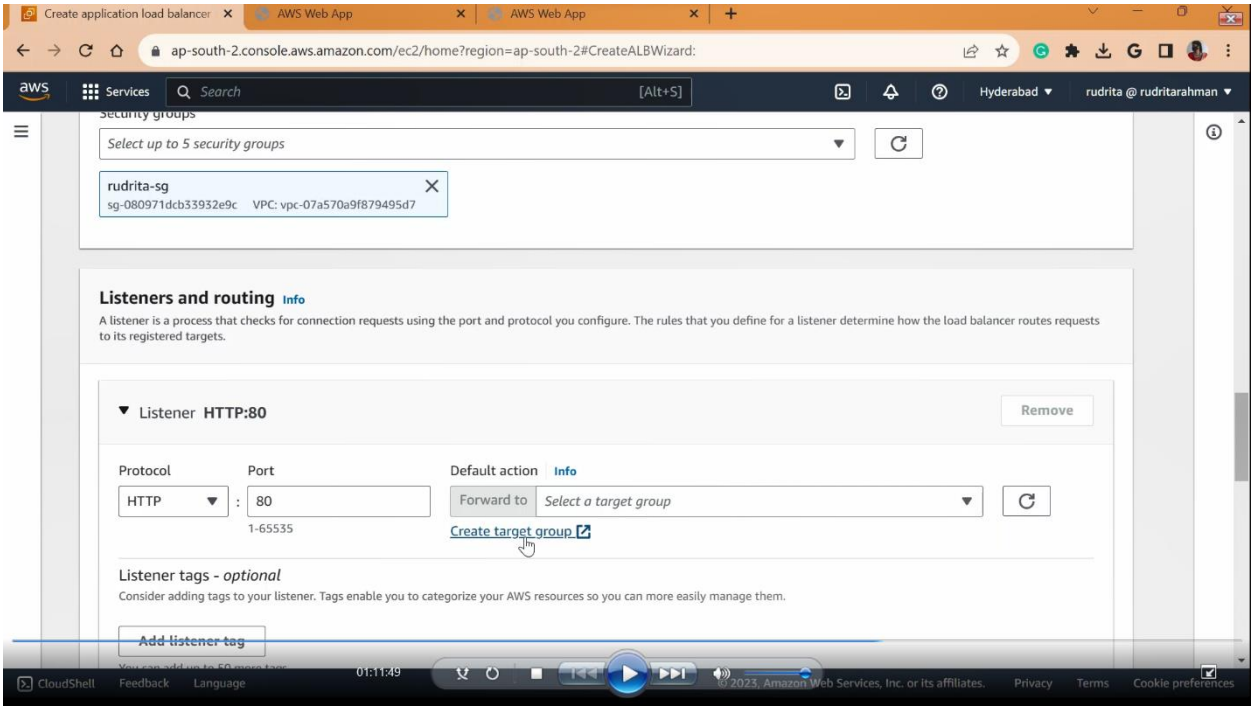
Privacy
Terms
Cookie preferences


Create application load balancer
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Select up to 5 security groups
rudrita-sg
sg-080971dcb33932e9c VPC: vpc-07a570a9f879495d7
Listeners and routing Info
A listener is a process that checks for connection requests using the port and protocol you configure. The rules that you define for a listener determine how the load balancer routes requests to its registered targets.
Listener HTTP:80
Remove
Protocol
Port
Default action Info
HTTP
80
1-65535
Forward to
Select a target group
Create target group
Listener tags - optional
Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can more easily manage them.
Add listener tag
01:11:49
CloudShell
Feedback
Language
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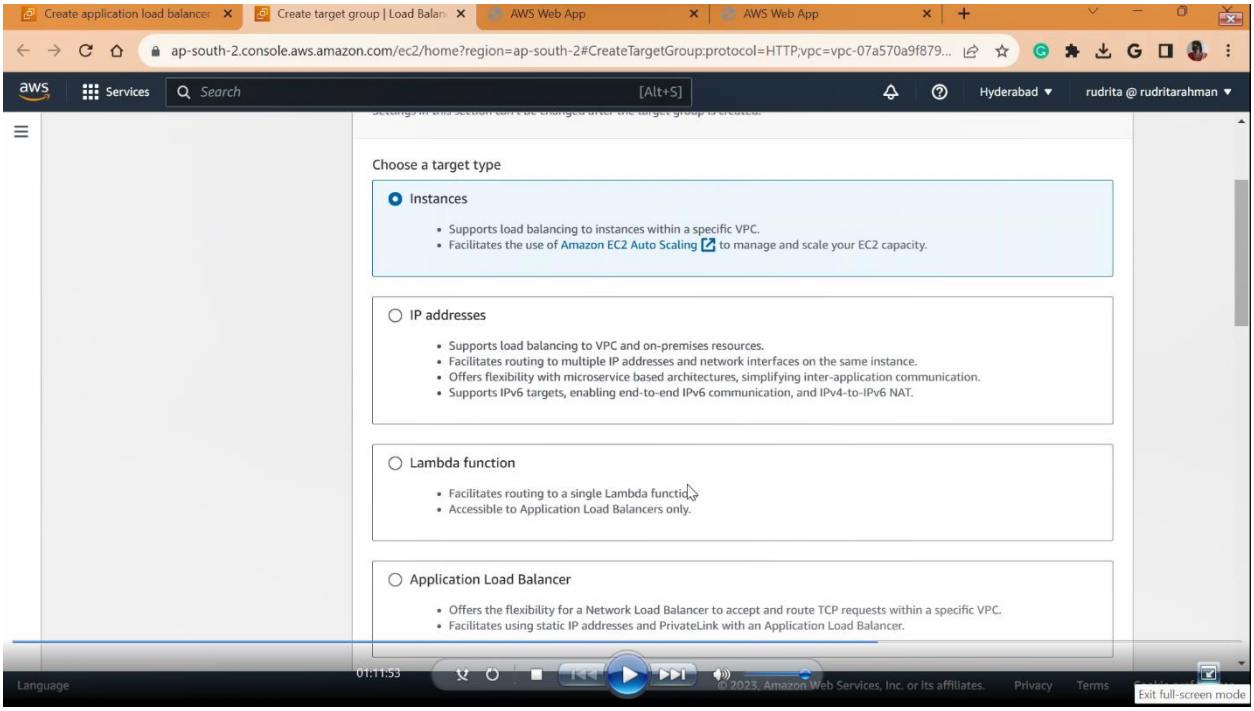
Privacy
Terms
Cookie preferences


Create application load balancer
Create target group | Load Balan
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-07a570a9f879...
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Choose a target type
Instances
Supports load balancing to instances within a specific VPC.
Facilitates the use of Amazon EC2 Auto Scaling to manage and scale your EC2 capacity.
IP addresses
Supports load balancing to VPC and on-premises resources.
Facilitates routing to multiple IP addresses and network interfaces on the same instance.
Offers flexibility with microservice based architectures, simplifying inter-application communication.
Supports IPv6 targets, enabling end-to-end IPv6 communication, and IPv4-to-IPv6 NAT.
Lambda function
Facilitates routing to a single Lambda functio
Accessible to Application Load Balancers only.
Application Load Balancer
Offers the flexibility for a Network Load Balancer to accept and route TCP requests within a specific VPC.
Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.
01:11:53
Language
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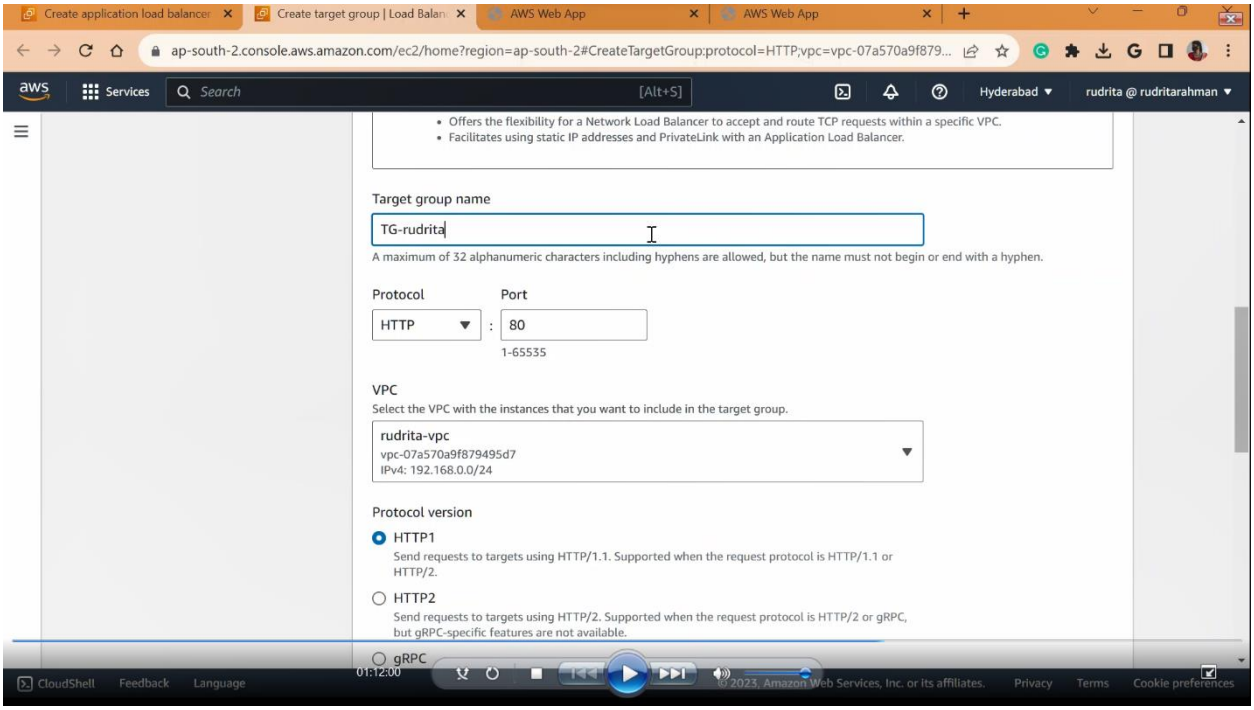
Privacy
Terms
Exit full-screen mode


Create application load balancer
Create target group | Load Balan
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-07a570a9f879...
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Offers the flexibility for a Network Load Balancer to accept and route TCP requests within a specific VPC.
Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.
Target group name
TG-rudrita
A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.
Protocol
Port
HTTP
80
1-65535
VPC
Select the VPC with the instances that you want to include in the target group.
rudrita-vpc
vpc-07a570a9f879495d7
IPv4: 192.168.0.0/24
Protocol version
HTTP1
Send requests to targets using HTTP/1.1. Supported when the request protocol is HTTP/1.1 or HTTP/2.
HTTP2
Send requests to targets using HTTP/2. Supported when the request protocol is HTTP/2 or gRPC, but gRPC-specific features are not available.
gRPC
01:12:00
CloudShell
Feedback
Language
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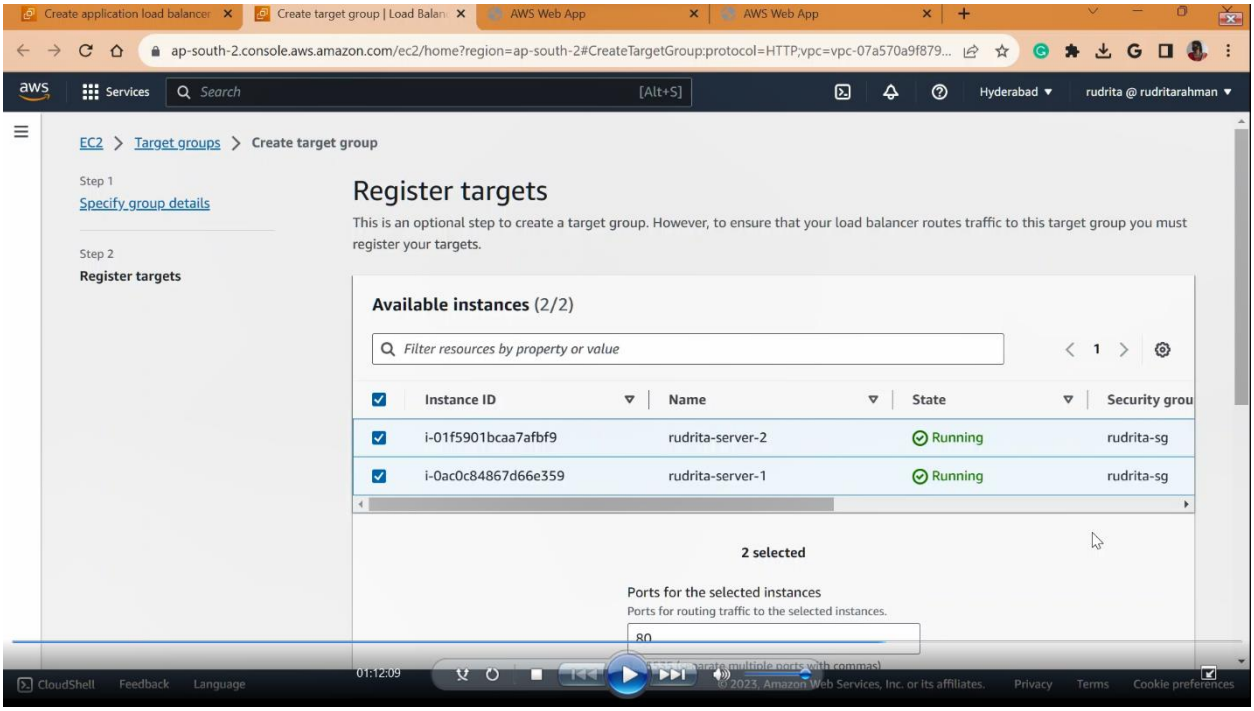
Privacy
Terms
Cookie preferences


Create application load balancer
Create target group | Load Balan
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-07a570a9f879...
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
EC2 > Target groups > Create target group
Step 1
Specify group details
Step 2
Register targets
Register targets
This is an optional step to create a target group. However, to ensure that your load balancer routes traffic to this target group you must register your targets.
Available instances (2/2)
Filter resources by property or value
Instance ID
Name
State
Security grou
i-01f5901bcaa7afbf9
rudrita-server-2
Running
rudrita-sg
i-0ac0c84867d66e359
rudrita-server-1
Running
rudrita-sg
2 selected
Ports for the selected instances
Ports for routing traffic to the selected instances.
80
01:12:09
CloudShell
Feedback
Language
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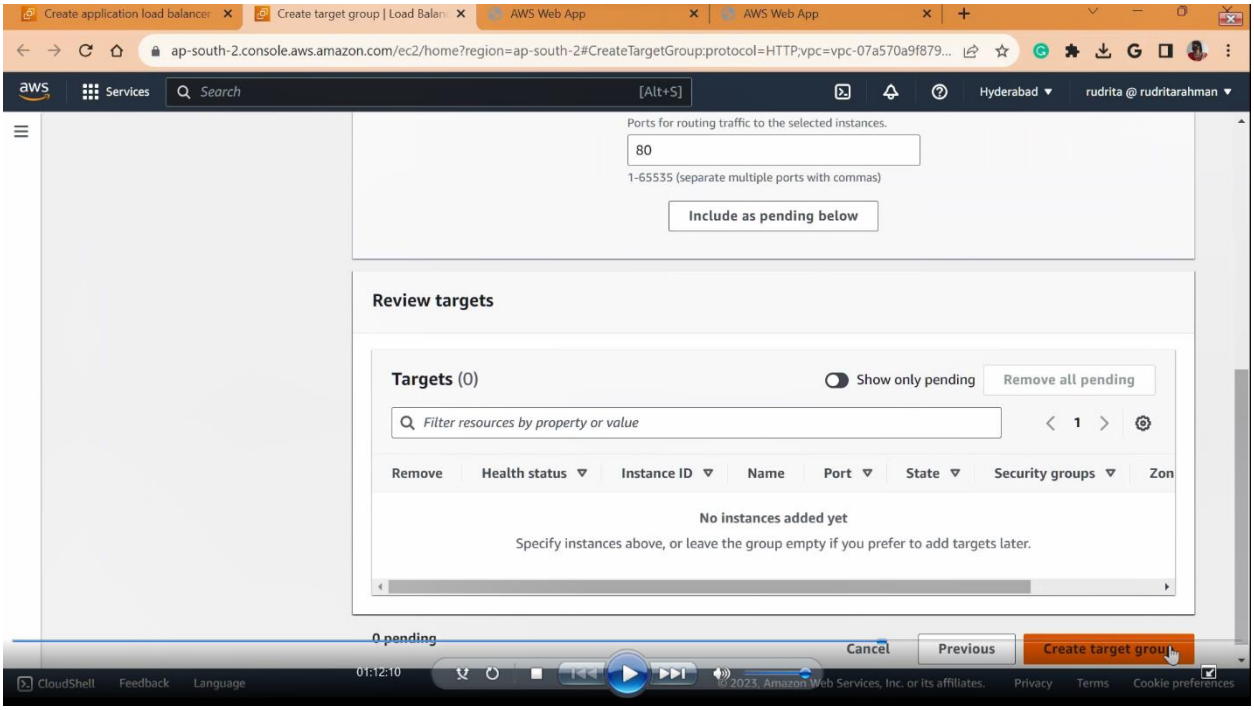
Privacy
Terms
Cookie preferences


Create application load balancer
Create target group | Load Balan
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTargetGroup:protocol=HTTP;vpc=vpc-07a570a9f879...
Services
Search
[Alt+S]
Hyderabad
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Ports for routing traffic to the selected instances.
80
1-65535 (separate multiple ports with commas)
Include as pending below
Review targets
Targets (0)
Show only pending
Remove all pending
Filter resources by property or value
Remove
Health status
Instance ID
Name
Port
State
Security groups
Zon
No instances added yet
Specify instances above, or leave the group empty if you prefer to add targets later.
0 pending
Cancel
Previous
Create target group
01:12:10
CloudShell
Feedback
Language
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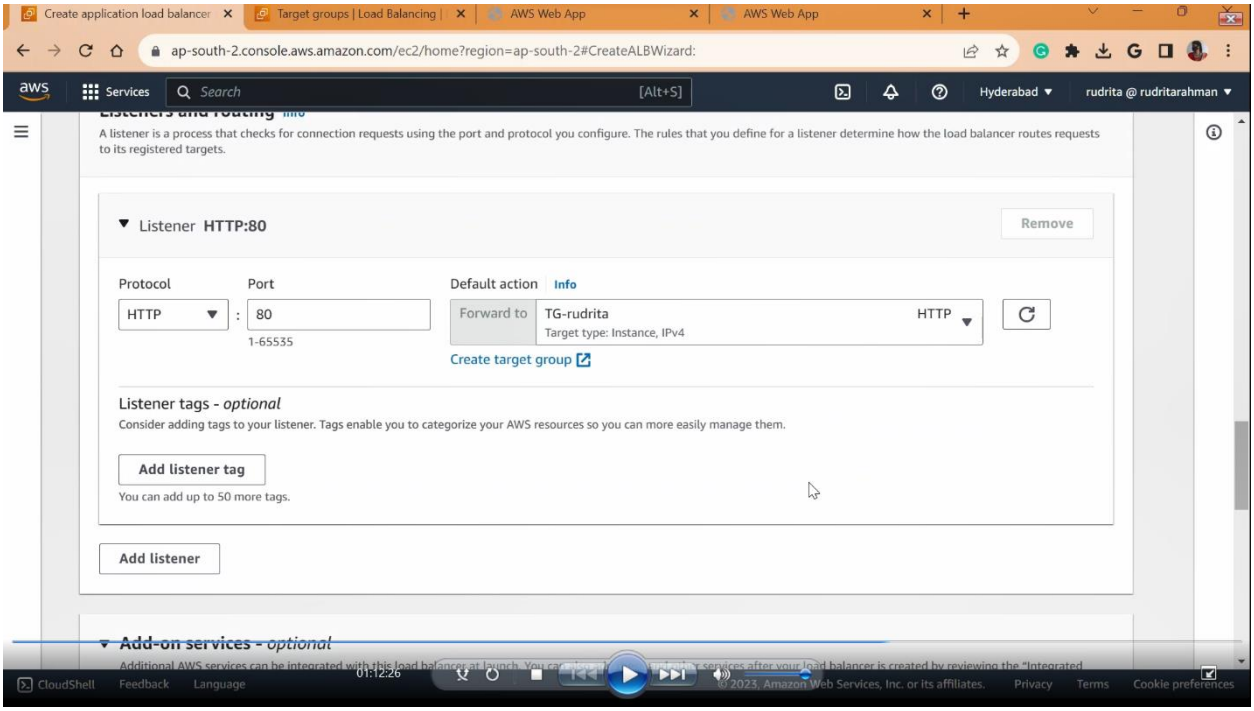
Terms
Cookie preferences


Create application load balancer
Target groups | Load Balancing
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
A listener is a process that checks for connection requests using the port and protocol you configure. The rules that you define for a listener determine how the load balancer routes requests to its registered targets.
Listener HTTP:80
Remove
Protocol
Port
Default action
Info
HTTP
80
1-65535
Forward to
TG-rudrita
HTTP
Target type: Instance, IPv4
Create target group
Listener tags - optional
Consider adding tags to your listener. Tags enable you to categorize your AWS resources so you can more easily manage them.
Add listener tag
You can add up to 50 more tags.
Add listener
Add-on services - optional
01:12:26
CloudShell
Feedback
Language
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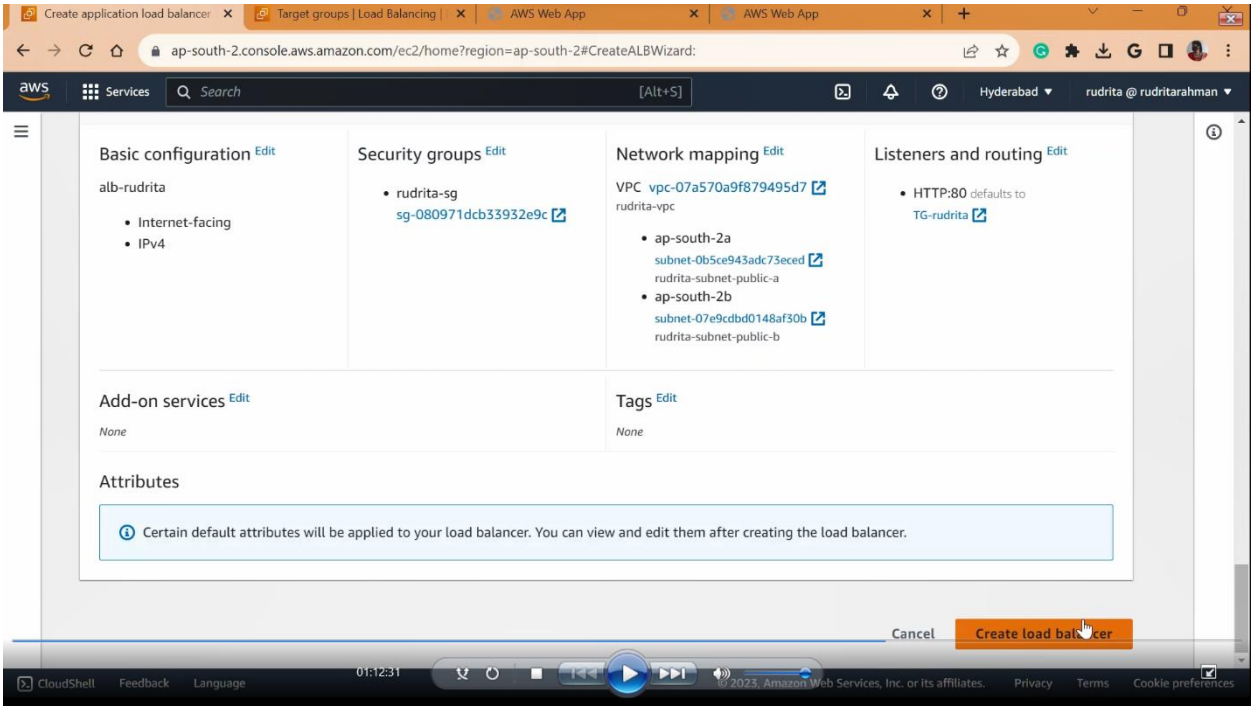
Terms
Cookie preferences


Create application load balancer
Target groups | Load Balancing
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateALBWizard:
Services
Search
[Alt+S]
Hyderabad
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Basic configuration Edit
alb-rudrita
Internet-facing
IPv4
Security groups Edit
rudrita-sg
sg-080971dcb33932e9c
Network mapping Edit
VPC vpc-07a570a9f879495d7
rudrita-vpc
ap-south-2a
subnet-0b5ce943adc73eced
rudrita-subnet-public-a
ap-south-2b
subnet-07e9cdbd0148af30b
rudrita-subnet-public-b
Listeners and routing Edit
HTTP:80 defaults to
TG-rudrita
Add-on services Edit
None
Tags Edit
None
Attributes
Certain default attributes will be applied to your load balancer. You can view and edit them after creating the load balancer.
Cancel
Create load balancer
01:12:31
CloudShell
Feedback
Language
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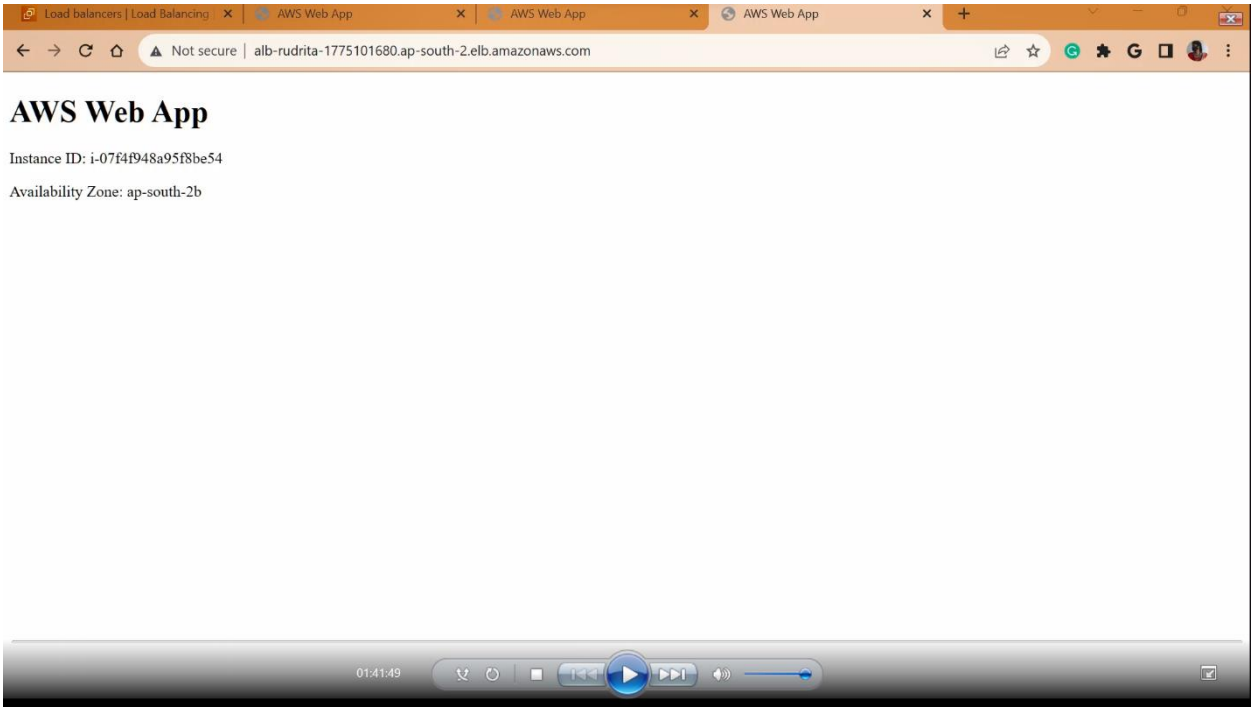
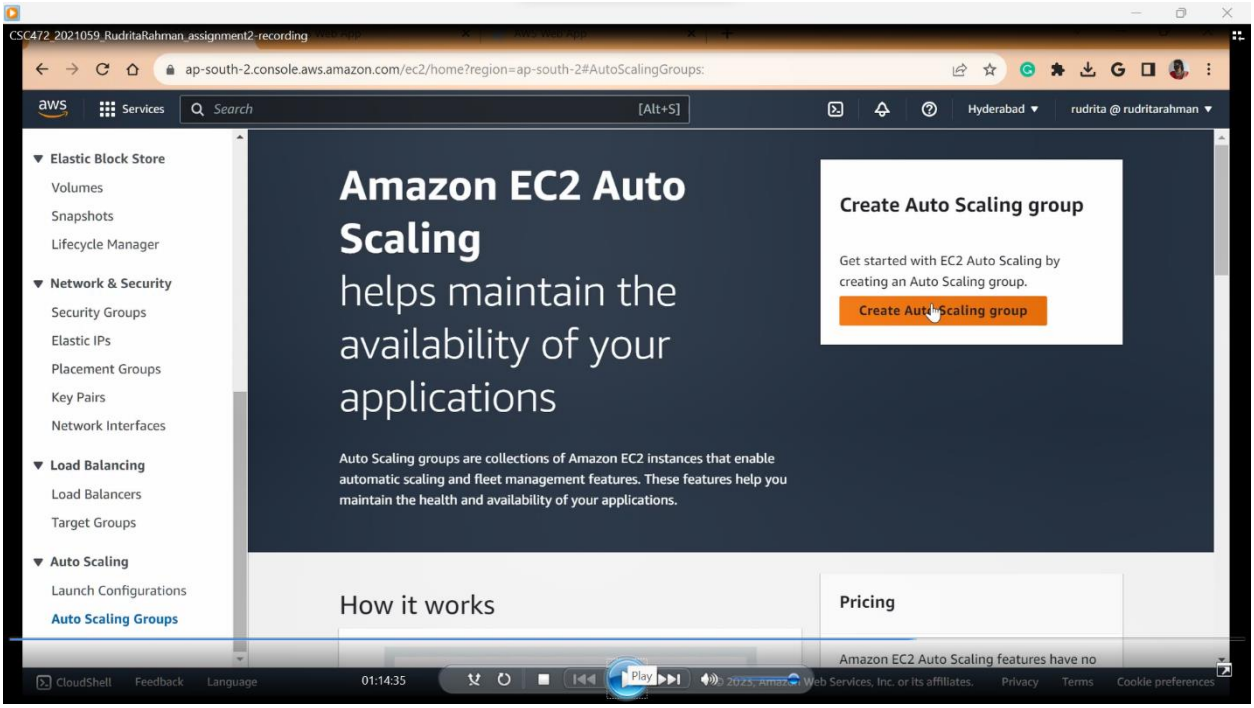
Privacy
Terms
Cookie preferences


Load balancers | Load Balancing
AWS Web App
AWS Web App
AWS Web App
Not secure | alb-rudrita-1775101680.ap-south-2.elb.amazonaws.com
AWS Web App
Instance ID: i-07f4f948a95f8be54
Availability Zone: ap-south-2b
01:41:49


CSC472_2021059_RudritaRahman_assignment2-recording
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#AutoScalingGroups:
aws
Services
Search
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Hyderabad
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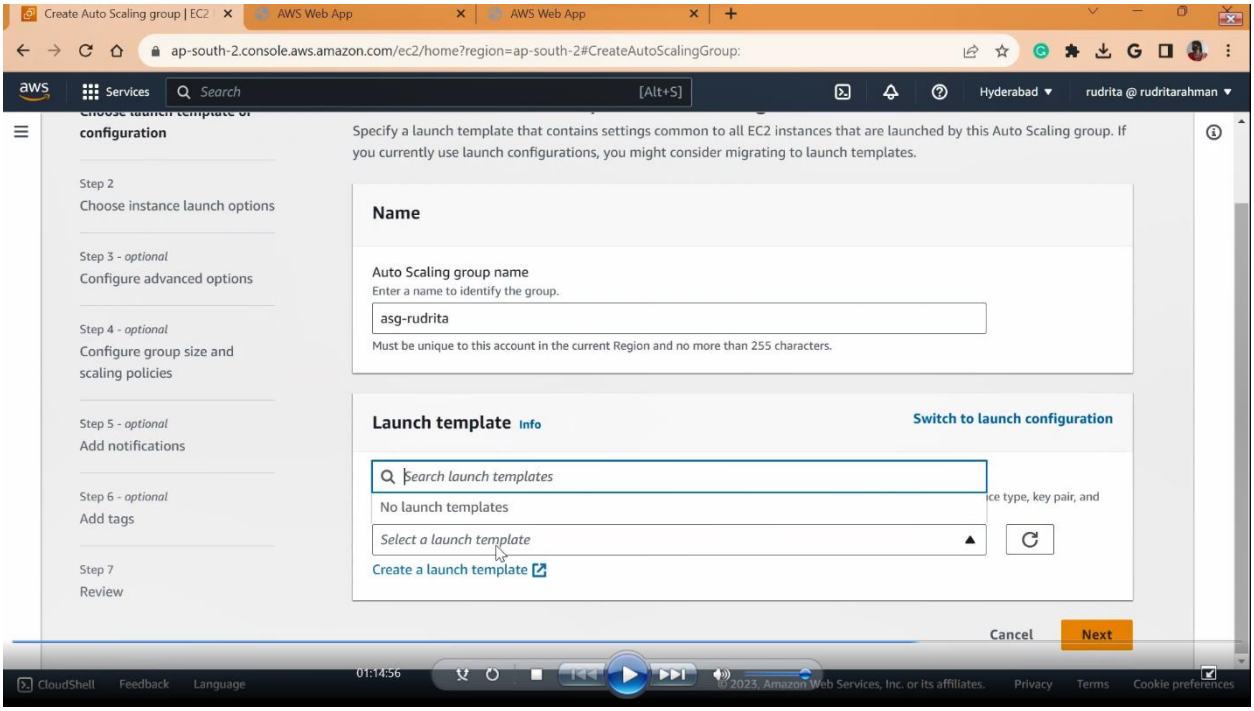
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Load Balancers
Target Groups
Auto Scaling
Launch Configurations
Auto Scaling Groups
Amazon EC2 Auto Scaling
helps maintain the availability of your applications
Auto Scaling groups are collections of Amazon EC2 instances that enable automatic scaling and fleet management features. These features help you maintain the health and availability of your applications.
Create Auto Scaling group
Get started with EC2 Auto Scaling by creating an Auto Scaling group.
Create Auto Scaling group
How it works
Pricing
Amazon EC2 Auto Scaling features have no
CloudShell
Feedback
Language
01:14:35
Play
Privacy
Terms
Cookie preferences


Create Auto Scaling group | EC2
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateAutoScalingGroup:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
configuration
Step 2
Choose instance launch options
Step 3 - optional
Configure advanced options
Step 4 - optional
Configure group size and scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group. If you currently use launch configurations, you might consider migrating to launch templates.
Name
Auto Scaling group name
Enter a name to identify the group.
asg-rudrita
Must be unique to this account in the current Region and no more than 255 characters.
Launch template Info
Switch to launch configuration
Search launch templates
No launch templates
Select a launch template
Create a launch template
ce type, key pair, and
Cancel
Next
CloudShell
Feedback
Language
01:14:56
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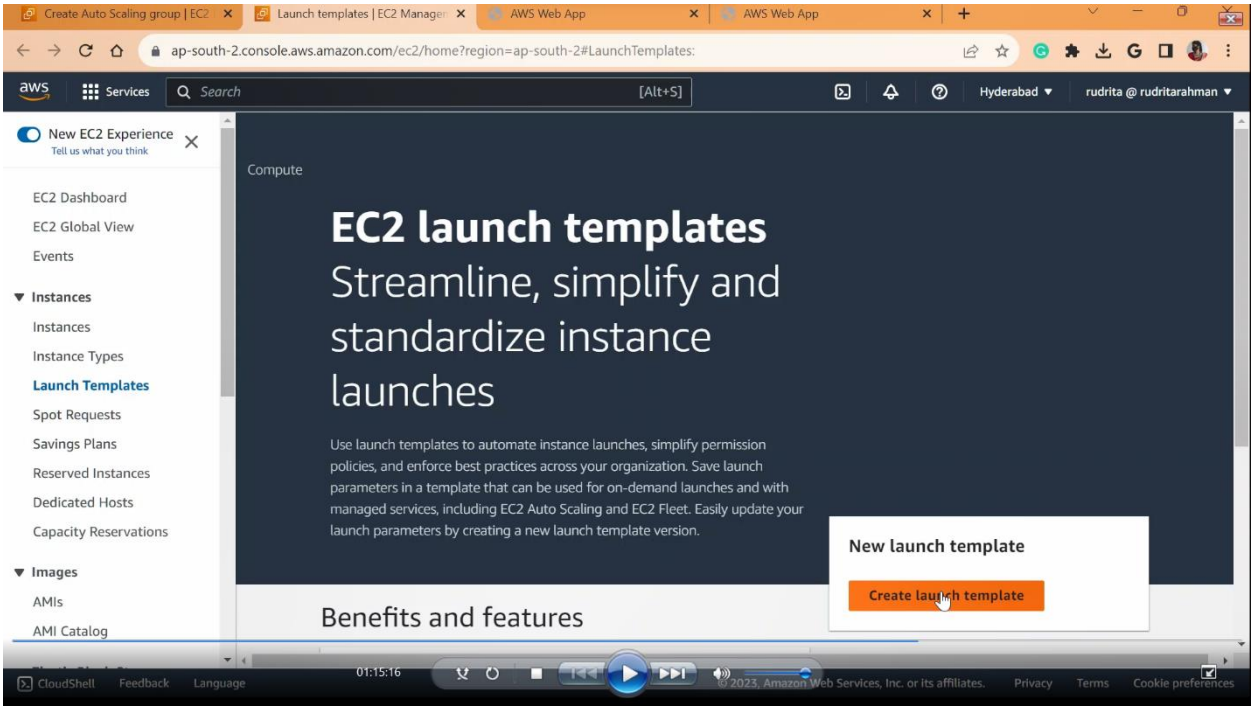
Create Auto Scaling group | EC2
Launch templates | EC2 Manager
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#LaunchTemplates:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Compute
EC2 launch templates
Streamline, simplify and standardize instance launches
Use launch templates to automate instance launches, simplify permission policies, and enforce best practices across your organization. Save launch parameters in a template that can be used for on-demand launches and with managed services, including EC2 Auto Scaling and EC2 Fleet. Easily update your launch parameters by creating a new launch template version.
New launch template
Create launch template
Benefits and features
CloudShell
Feedback
Language
01:15:16
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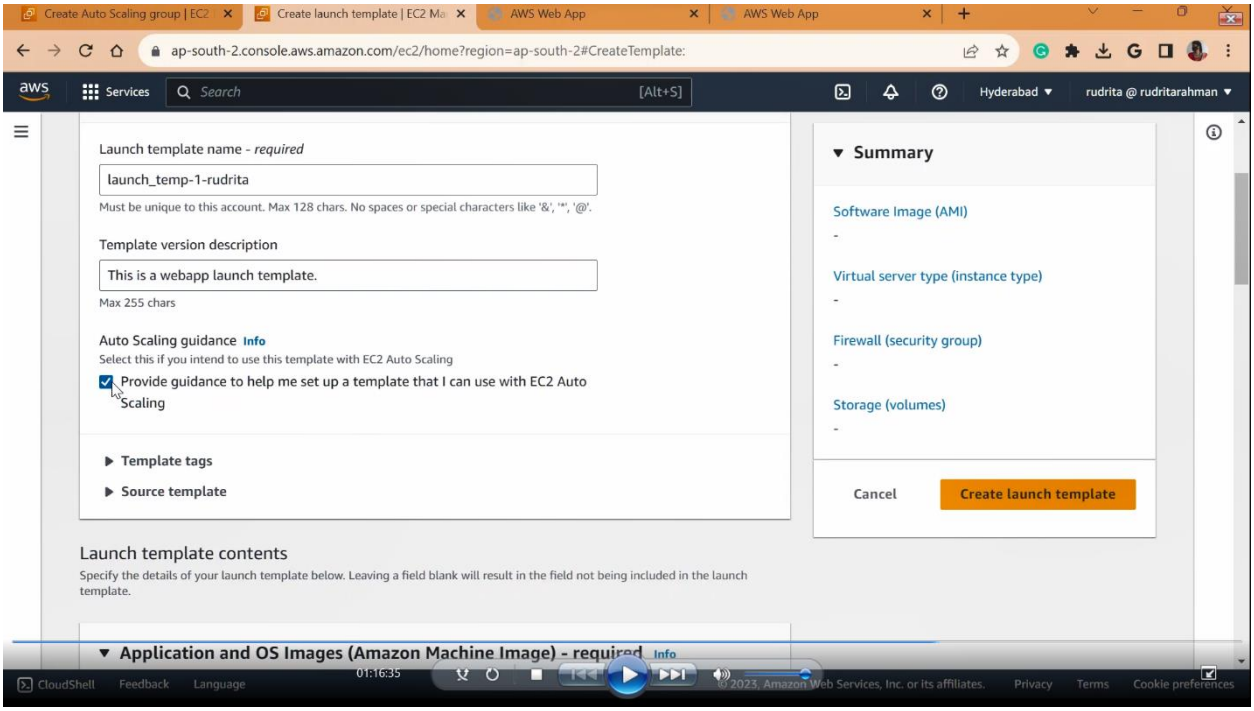
Create Auto Scaling group | EC2
Create launch template | EC2 Ma
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTemplate:
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Launch template name - required
launch_temp-1-rudrita
Must be unique to this account. Max 128 chars. No spaces or special characters like '&', '*', '@'.
Template version description
This is a webapp launch template.
Max 255 chars
Auto Scaling guidance Info
Select this if you intend to use this template with EC2 Auto Scaling
Provide guidance to help me set up a template that I can use with EC2 Auto Scaling
Template tags
Source template
Summary
Software Image (AMI)
-
Virtual server type (instance type)
-
Firewall (security group)
-
Storage (volumes)
-
Cancel
Create launch template
Launch template contents
Specify the details of your launch template below. Leaving a field blank will result in the field not being included in the launch template.
Application and OS Images (Amazon Machine Image) - required Info
CloudShell
Feedback
Language
01:16:35
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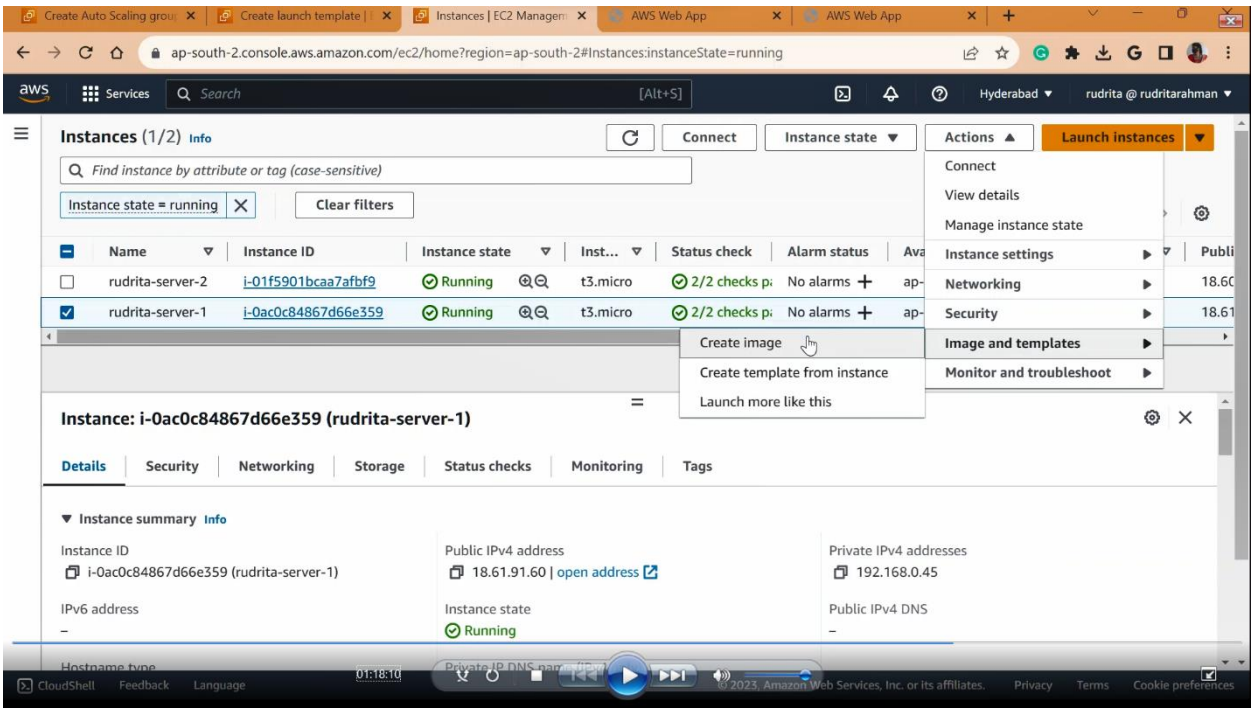
Create Auto Scaling grou
Create launch template |
Instances | EC2 Managen
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#Instances:instanceState=running
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Instance state = running
Clear filters
Name
Instance ID
Instance state
Inst...
Status check
Alarm status
rudrita-server-2
i-01f5901bcaa7afbf9
Running
t3.micro
2/2 checks pa
No alarms
rudrita-server-1
i-0ac0c84867d66e359
Running
t3.micro
2/2 checks pa
No alarms
Connect
View details
Manage instance state
Instance settings
Networking
Security
Image and templates
Monitor and troubleshoot
Create image
Create template from instance
Launch more like this
Instance: i-0ac0c84867d66e359 (rudrita-server-1)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-0ac0c84867d66e359 (rudrita-server-1)
Public IPv4 address
18.61.91.60 | open address
Private IPv4 addresses
192.168.0.45
IPv6 address
-
Instance state
Running
Public IPv4 DNS
-
CloudShell
Feedback
Language
01:18:10
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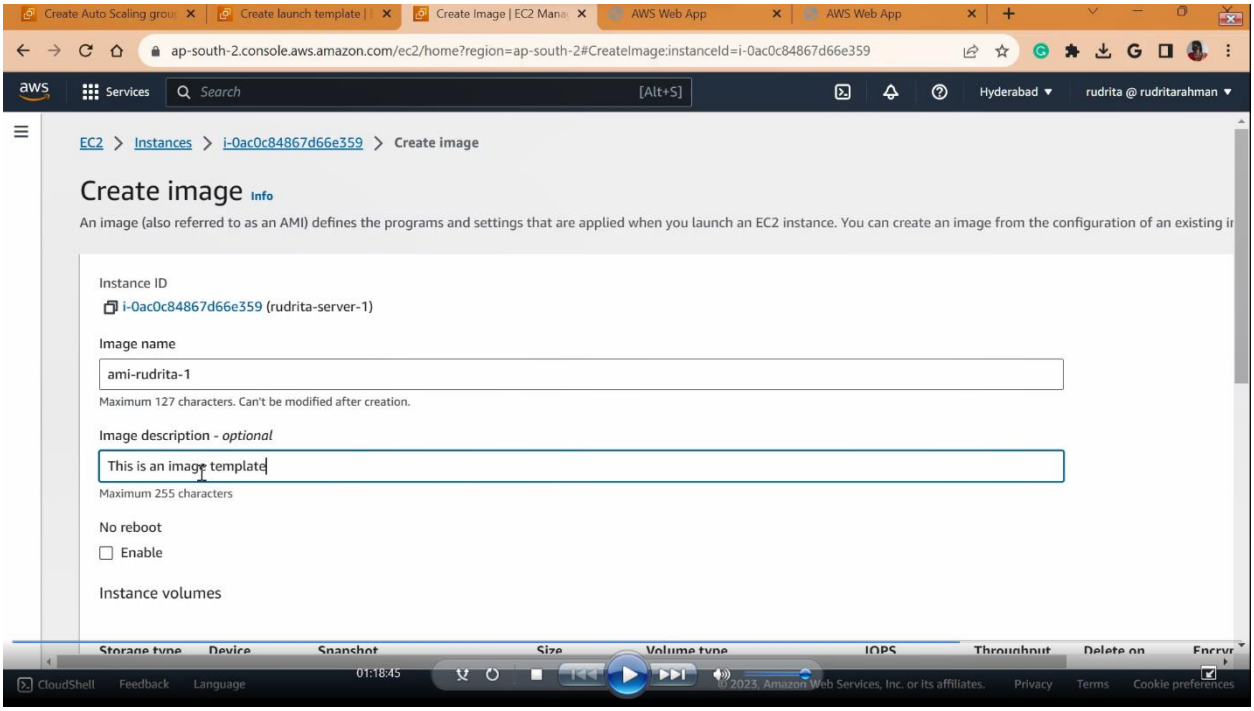
Create Auto Scaling grou
Create launch template |
Create Image | EC2 Mana
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateImage:instanceId=i-0ac0c84867d66e359
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
EC2 > Instances > i-0ac0c84867d66e359 > Create image
Create image Info
An image (also referred to as an AMI) defines the programs and settings that are applied when you launch an EC2 instance. You can create an image from the configuration of an existing i
Instance ID
i-0ac0c84867d66e359 (rudrita-server-1)
Image name
ami-rudrita-1
Maximum 127 characters. Can't be modified after creation.
Image description - optional
This is an image template
Maximum 255 characters
No reboot
Enable
Instance volumes
Storage type
Device
Snapshot
Size
Volume type
IOPS
Throughput
Delete on
Encryp
CloudShell
Feedback
Language
01:18:45
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Privacy
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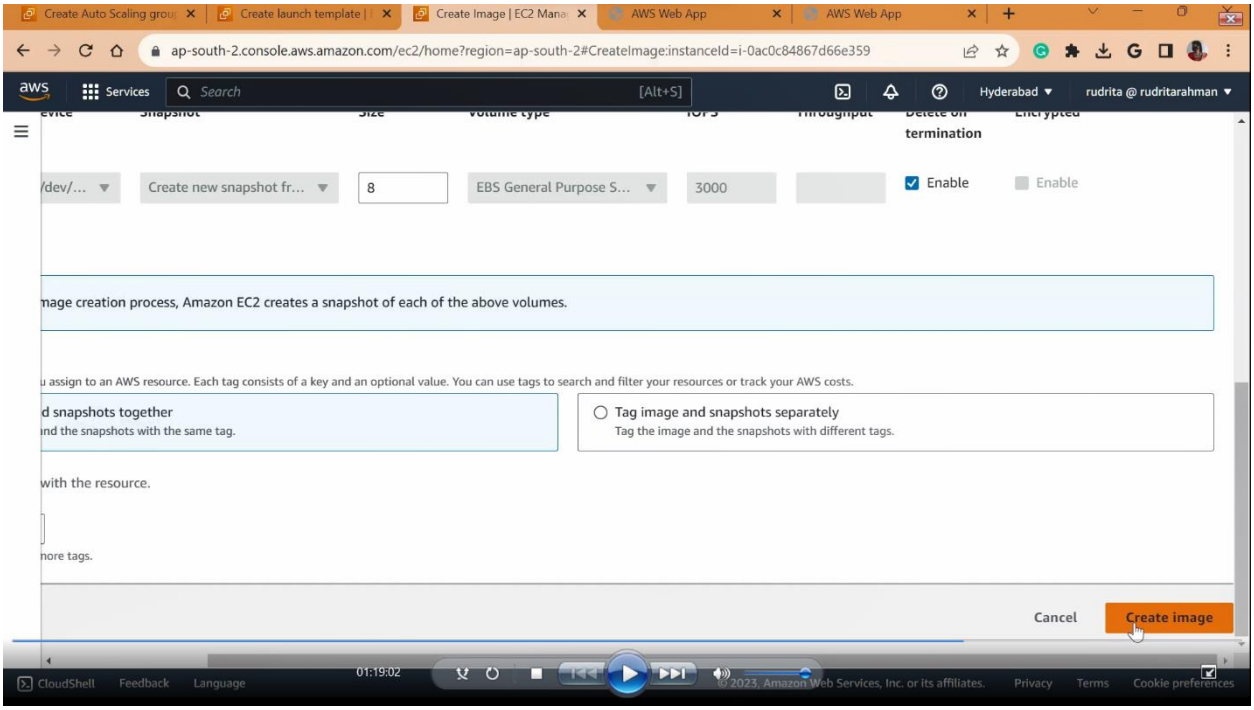
Cookie preferences


Create Auto Scaling grou
Create launch template |
Create Image | EC2 Mana
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateImage:instanceId=i-0ac0c84867d66e359
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Delete on termination
Encrypted
/dev/...
Create new snapshot fr...
8
EBS General Purpose S...
3000
Enable
Enable
nage creation process, Amazon EC2 creates a snapshot of each of the above volumes.
u 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.
d snapshots together
nd the snapshots with the same tag.
Tag image and snapshots separately
Tag the image and the snapshots with different tags.
with the resource.
nore tags.
Cancel
Create image
CloudShell
Feedback
Language
01:19:02
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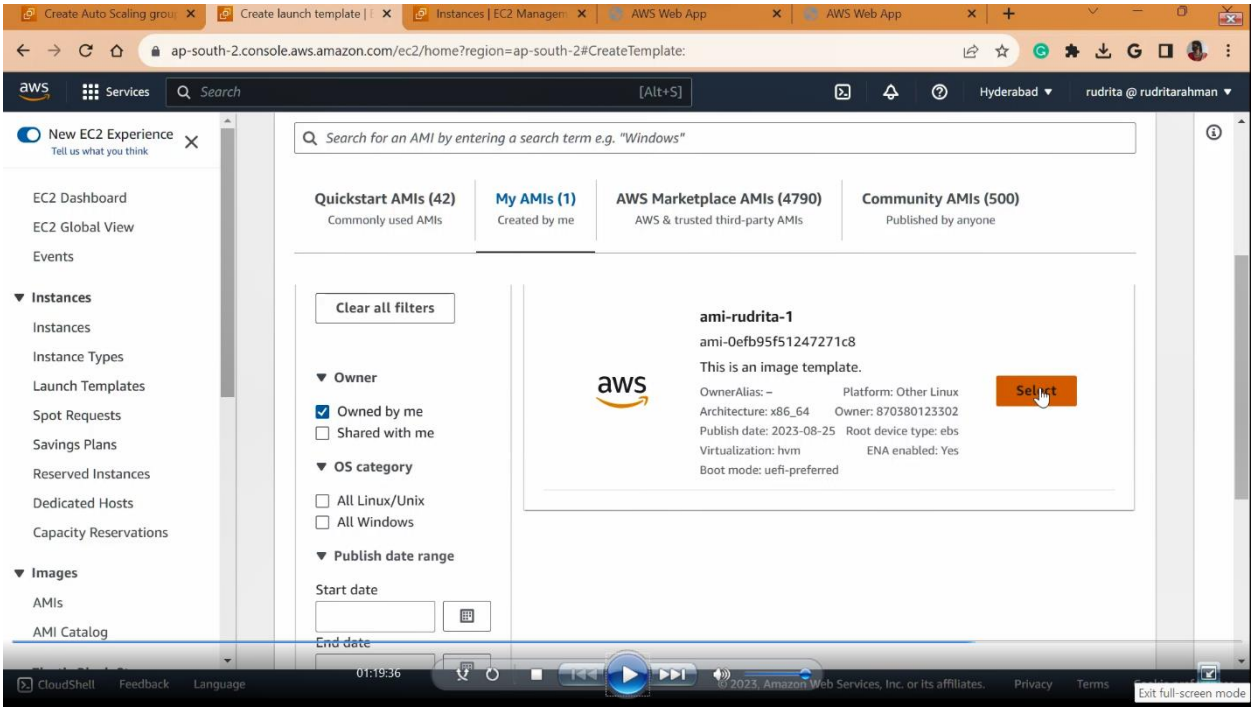
Privacy
Terms
Cookie preferences


Create Auto Scaling grou
Create launch template |
Instances | EC2 Managem
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTemplate:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Search for an AMI by entering a search term e.g. "Windows"
Quickstart AMIs (42)
Commonly used AMIs
My AMIs (1)
Created by me
AWS Marketplace AMIs (4790)
AWS & trusted third-party AMIs
Community AMIs (500)
Published by anyone
Clear all filters
Owner
Owned by me
Shared with me
OS category
All Linux/Unix
All Windows
Publish date range
Start date
End date
ami-rudrita-1
ami-0efb95f51247271c8
This is an image template.
OwnerAlias: –
Platform: Other Linux
Architecture: x86_64
Owner: 870380123302
Publish date: 2023-08-25
Root device type: ebs
Virtualization: hvm
ENA enabled: Yes
Boot mode: uefi-preferred
Select
01:19:36
CloudShell
Feedback
Language
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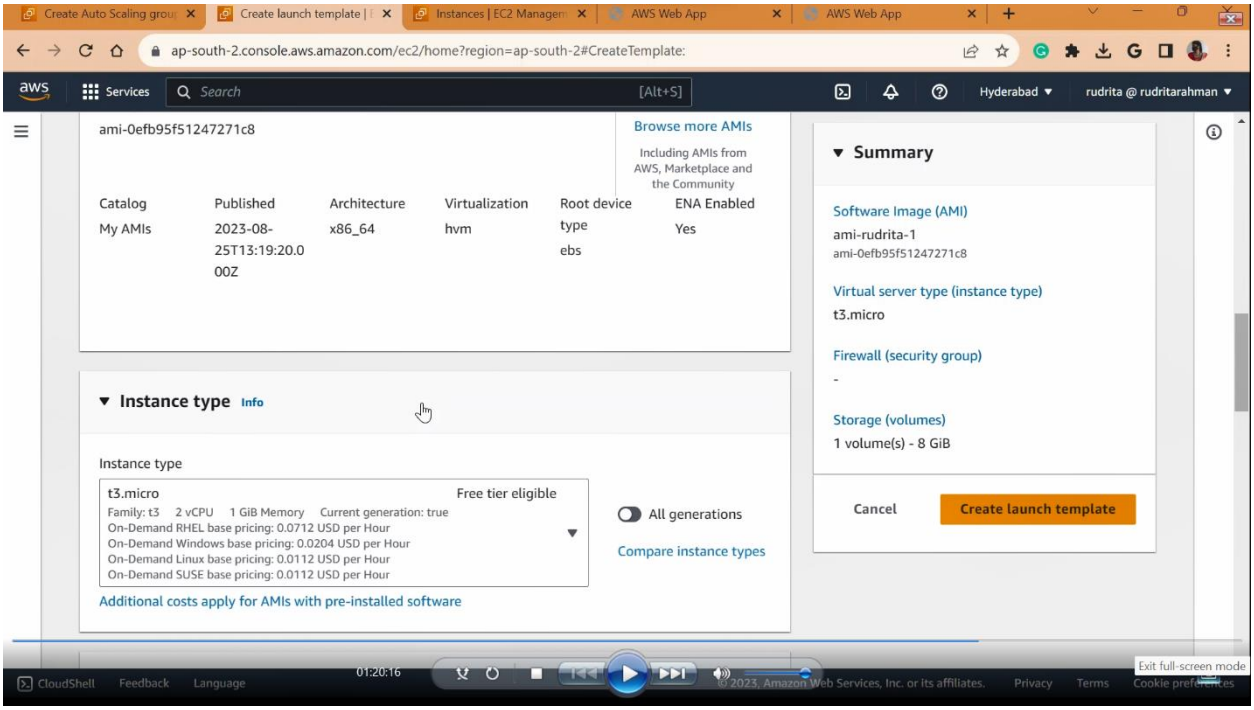
Exit full-screen mode


Create Auto Scaling grou
Create launch template |
Instances | EC2 Managem
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTemplate:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
ami-0efb95f51247271c8
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Catalog
My AMIs
Published
2023-08-25T13:19:20.000Z
Architecture
x86_64
Virtualization
hvm
Root device type
ebs
ENA Enabled
Yes
Instance type Info
Instance type
t3.micro
Free tier eligible
Family: t3 2 vCPU 1 GiB Memory Current generation: true
On-Demand RHEL base pricing: 0.0712 USD per Hour
On-Demand Windows base pricing: 0.0204 USD per Hour
On-Demand Linux base pricing: 0.0112 USD per Hour
On-Demand SUSE base pricing: 0.0112 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software
Summary
Software Image (AMI)
ami-rudrita-1
ami-0efb95f51247271c8
Virtual server type (instance type)
t3.micro
Firewall (security group)
-
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Create launch template
01:20:16
CloudShell
Feedback
Language
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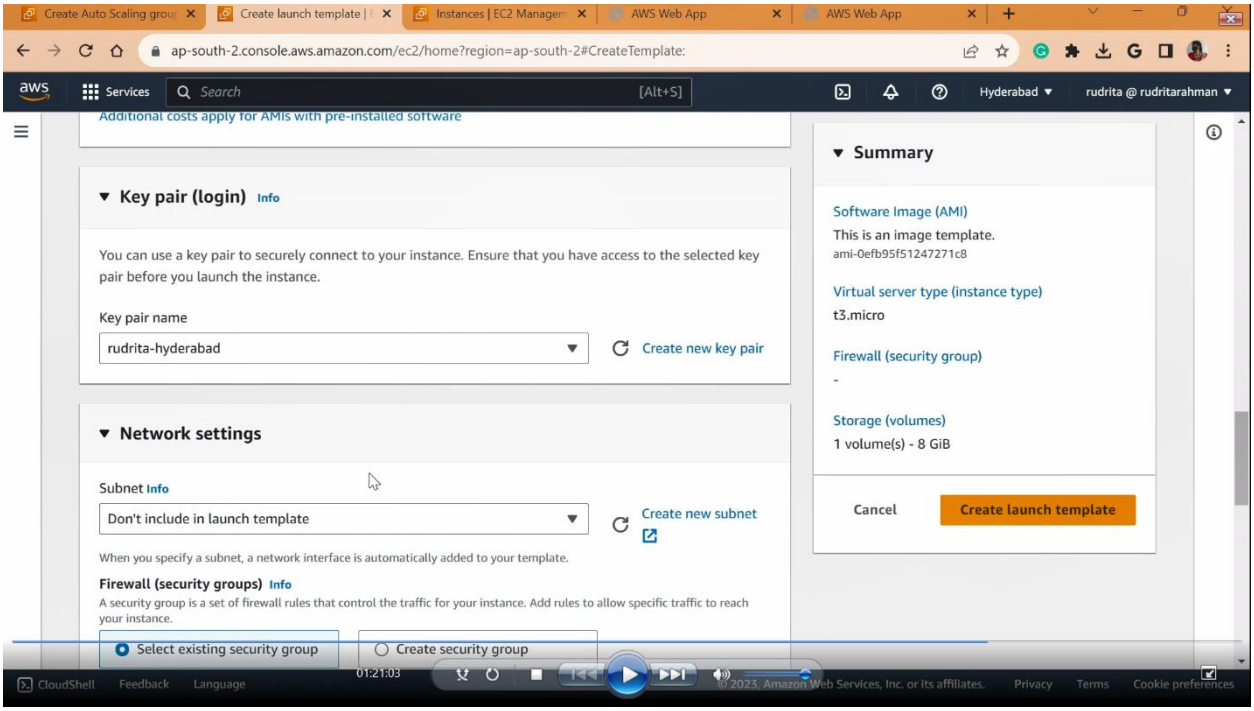
Cookie preferences
Exit full-screen mode


Create Auto Scaling grou
Create launch template |
Instances | EC2 Managem
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTemplate:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name
rudrita-hyderabad
Create new key pair
Network settings
Subnet Info
Don't include in launch template
Create new subnet
When you specify a subnet, a network interface is automatically added to your template.
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Select existing security group
Create security group
Summary
Software Image (AMI)
This is an image template.
ami-0efb95f51247271c8
Virtual server type (instance type)
t3.micro
Firewall (security group)
-
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Create launch template
01:21:03
CloudShell
Feedback
Language
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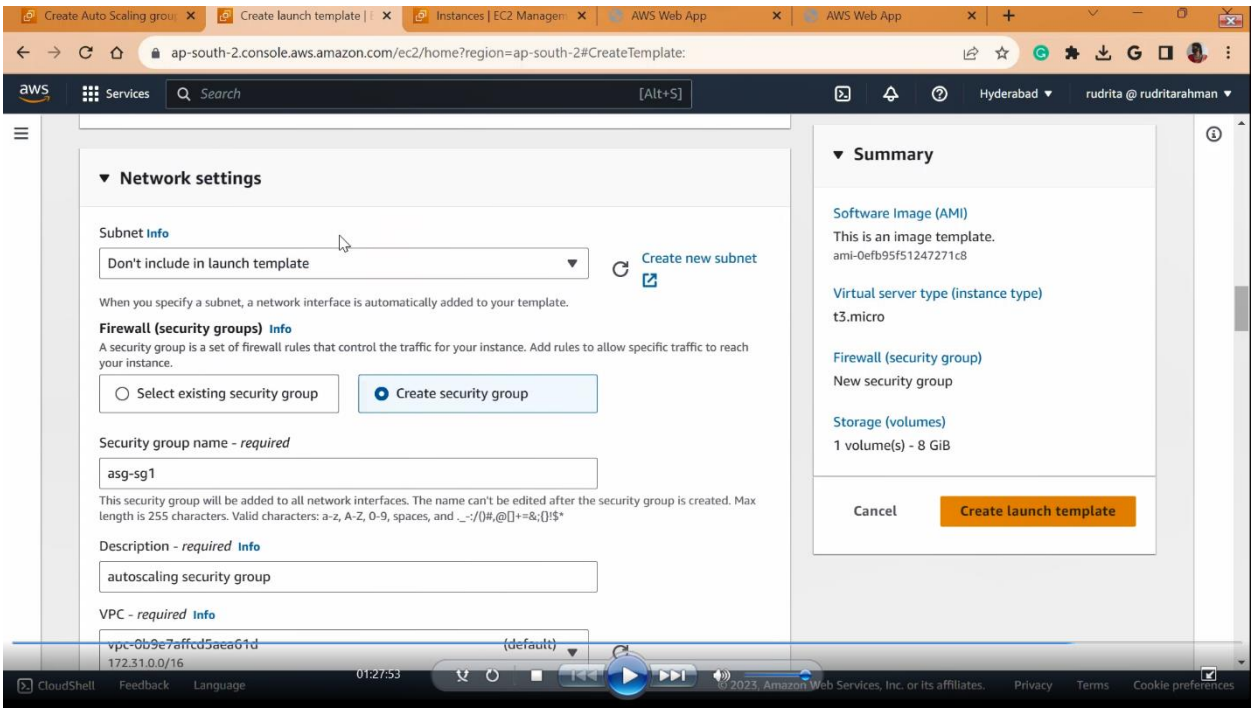
Cookie preferences


Create Auto Scaling grou
Create launch template |
Instances | EC2 Managem
AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTemplate:
aws
Services
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[Alt+S]
Hyderabad
rudrita @ rudritarahman
Network settings
Subnet Info
Don't include in launch template
Create new subnet
When you specify a subnet, a network interface is automatically added to your template.
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Select existing security group
Create security group
Security group name - required
asg-sg1
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
autoscaling security group
VPC - required Info
vpc-0b9e7affcd5aea61d (default)
172.31.0.0/16
Summary
Software Image (AMI)
This is an image template.
ami-0efb95f51247271c8
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Create launch template
01:27:53
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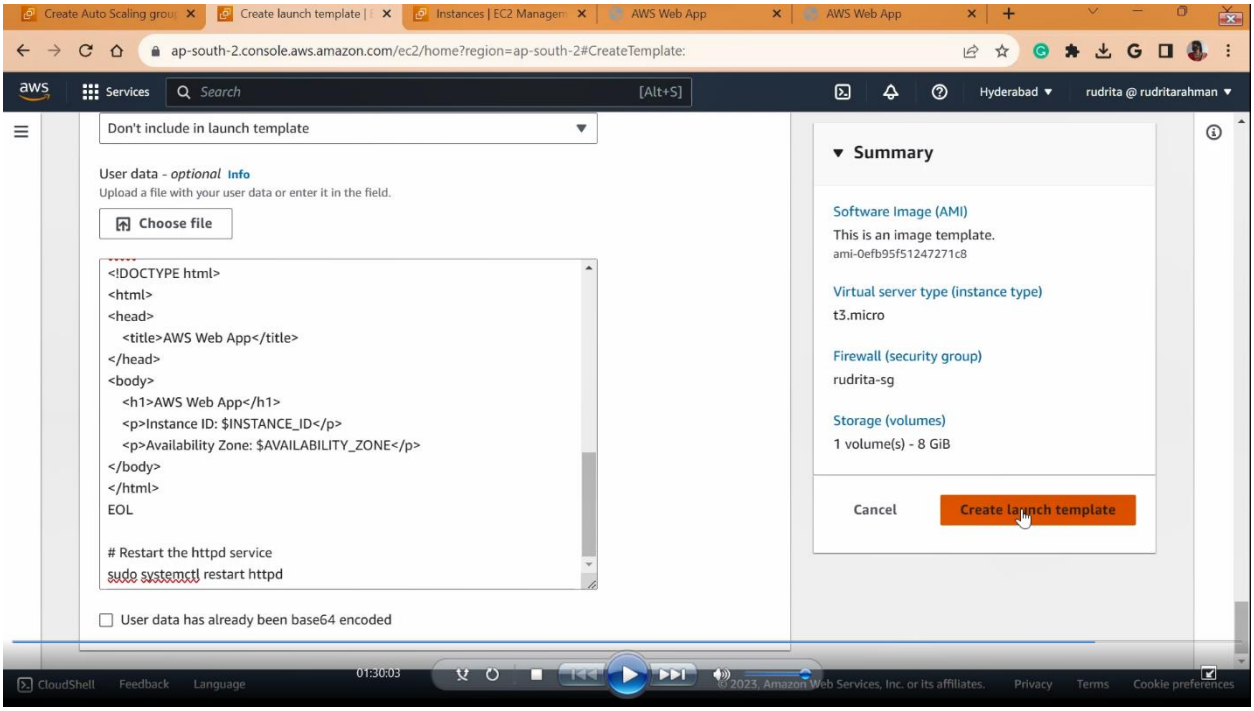
Create Auto Scaling grou
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ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateTemplate:
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Don't include in launch template
User data - optional Info
Upload a file with your user data or enter it in the field.
Choose file
<!DOCTYPE html>
<html>
<head>
<title>AWS Web App</title>
</head>
<body>
<h1>AWS Web App</h1>
Instance ID: $INSTANCE_ID
Availability Zone: $AVAILABILITY_ZONE
</body>
</html>
EOL
# Restart the httpd service
sudo systemctl restart httpd
User data has already been base64 encoded
Summary
Software Image (AMI)
This is an image template.
ami-0efb95f51247271c8
Virtual server type (instance type)
t3.micro
Firewall (security group)
rudrita-sg
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Create launch template
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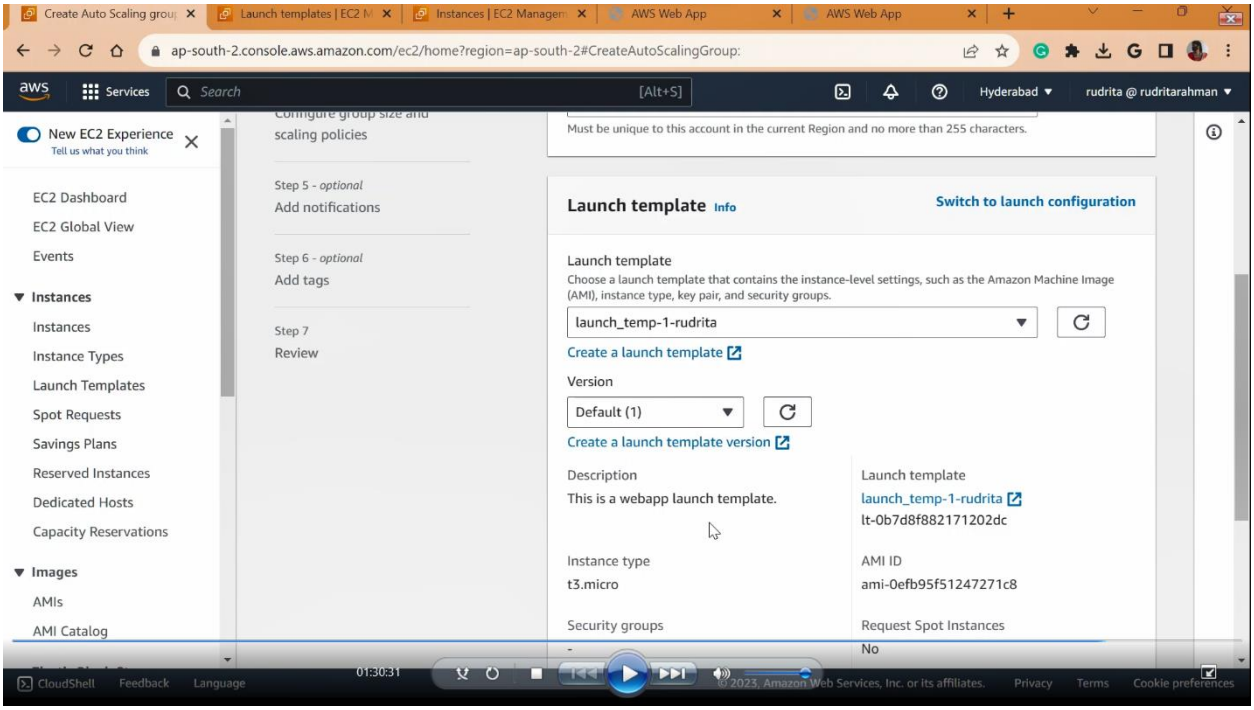
Create Auto Scaling grou
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AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#CreateAutoScalingGroup:
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scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Must be unique to this account in the current Region and no more than 255 characters.
Launch template Info
Switch to launch configuration
Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.
launch_temp-1-rudrita
Create a launch template
Version
Default (1)
Create a launch template version
Description
This is a webapp launch template.
Launch template
launch_temp-1-rudrita
lt-0b7d8f882171202dc
Instance type
t3.micro
AMI ID
ami-0efb95f51247271c8
Security groups
-
Request Spot Instances
No
01:30:31
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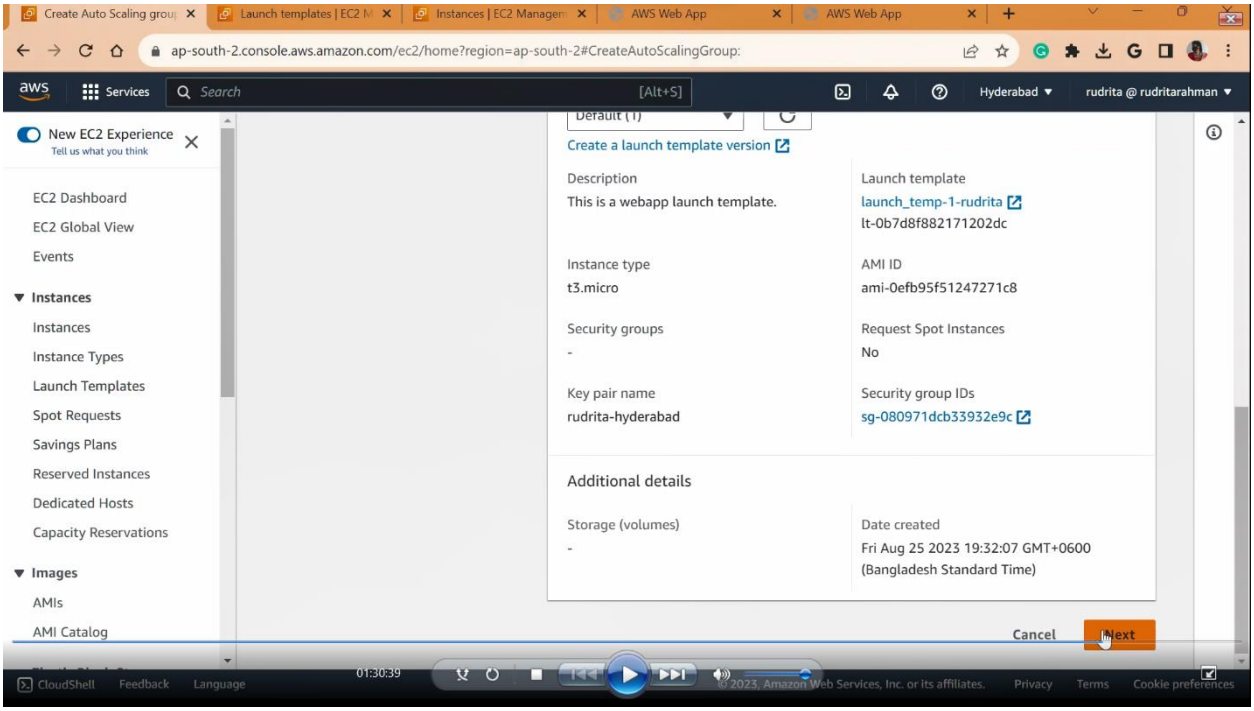
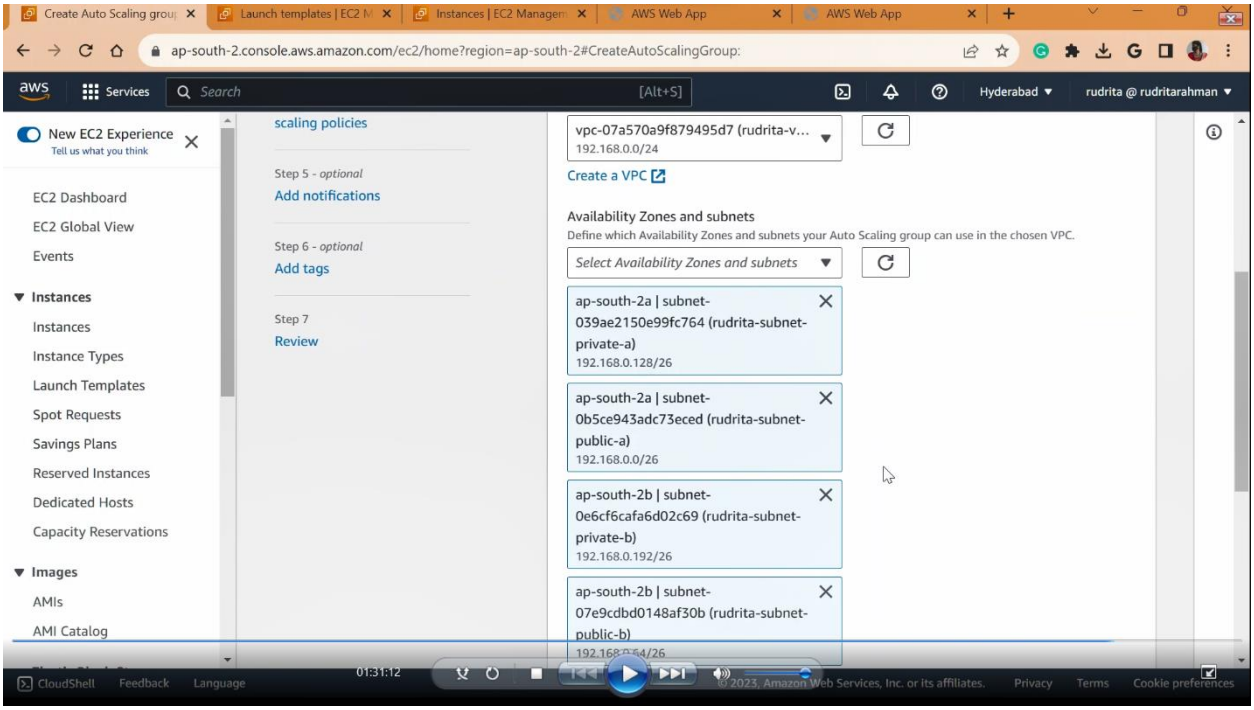
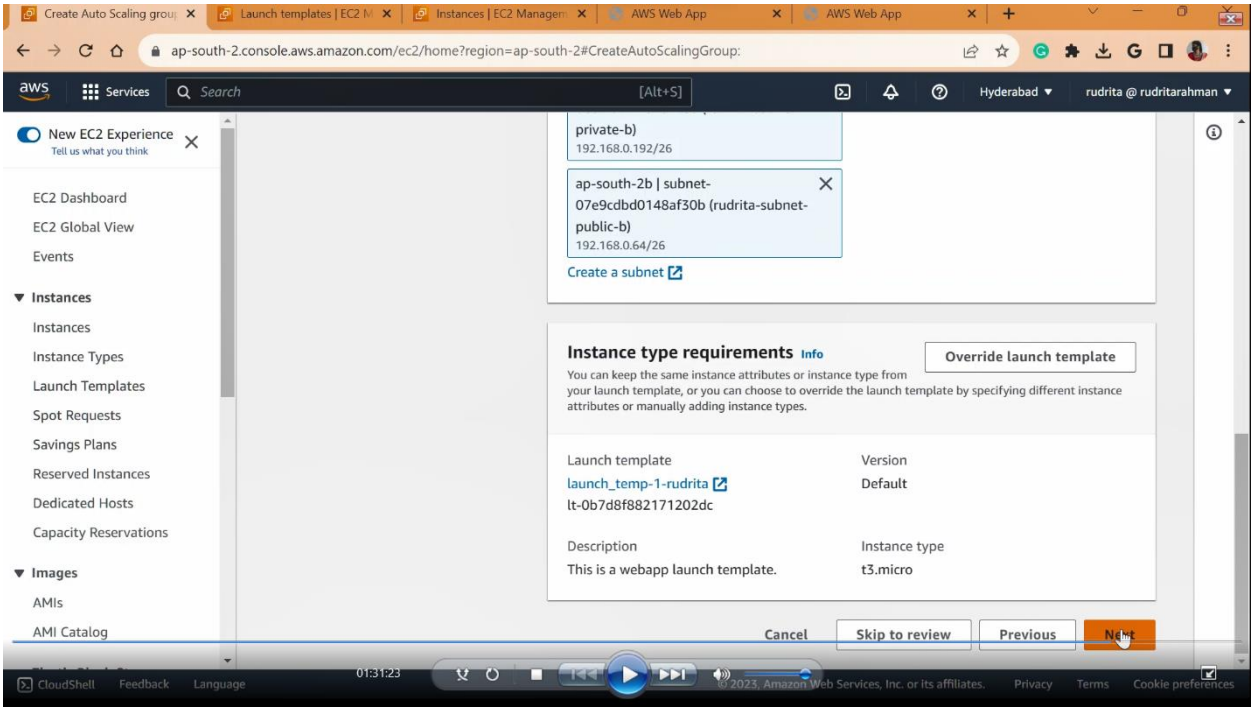

Create a launch template version
Description
This is a webapp launch template.
Launch template
launch_temp-1-rudrita
lt-0b7d8f882171202dc
Instance type
t3.micro
AMI ID
ami-0efb95f51247271c8
Security groups
-
Request Spot Instances
No
Key pair name
rudrita-hyderabad
Security group IDs
sg-080971dcb33932e9c
Additional details
Storage (volumes)
-
Date created
Fri Aug 25 2023 19:32:07 GMT+0600
(Bangladesh Standard Time)
Cancel
Next


scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
vpc-07a570a9f879495d7 (rudrita-v...
192.168.0.0/24
Create a VPC
Availability Zones and subnets
Define which Availability Zones and subnets your Auto Scaling group can use in the chosen VPC.
Select Availability Zones and subnets
ap-south-2a | subnet-039ae2150e99fc764 (rudrita-subnet-private-a)
192.168.0.128/26
ap-south-2a | subnet-0b5ce943adc73eced (rudrita-subnet-public-a)
192.168.0.0/26
ap-south-2b | subnet-0e6cf6cafa6d02c69 (rudrita-subnet-private-b)
192.168.0.192/26
ap-south-2b | subnet-07e9cdbd0148af30b (rudrita-subnet-public-b)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AWS Web App
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private-b)
192.168.0.192/26
ap-south-2b | subnet-07e9cdbd0148af30b (rudrita-subnet-public-b)
192.168.0.64/26
Create a subnet
Instance type requirements Info
Override launch template
You can keep the same instance attributes or instance type from your launch template, or you can choose to override the launch template by specifying different instance attributes or manually adding instance types.
Launch template
launch_temp-1-rudrita
lt-0b7d8f882171202dc
Version
Default
Description
This is a webapp launch template.
Instance type
t3.micro
Cancel
Skip to review
Previous
Next
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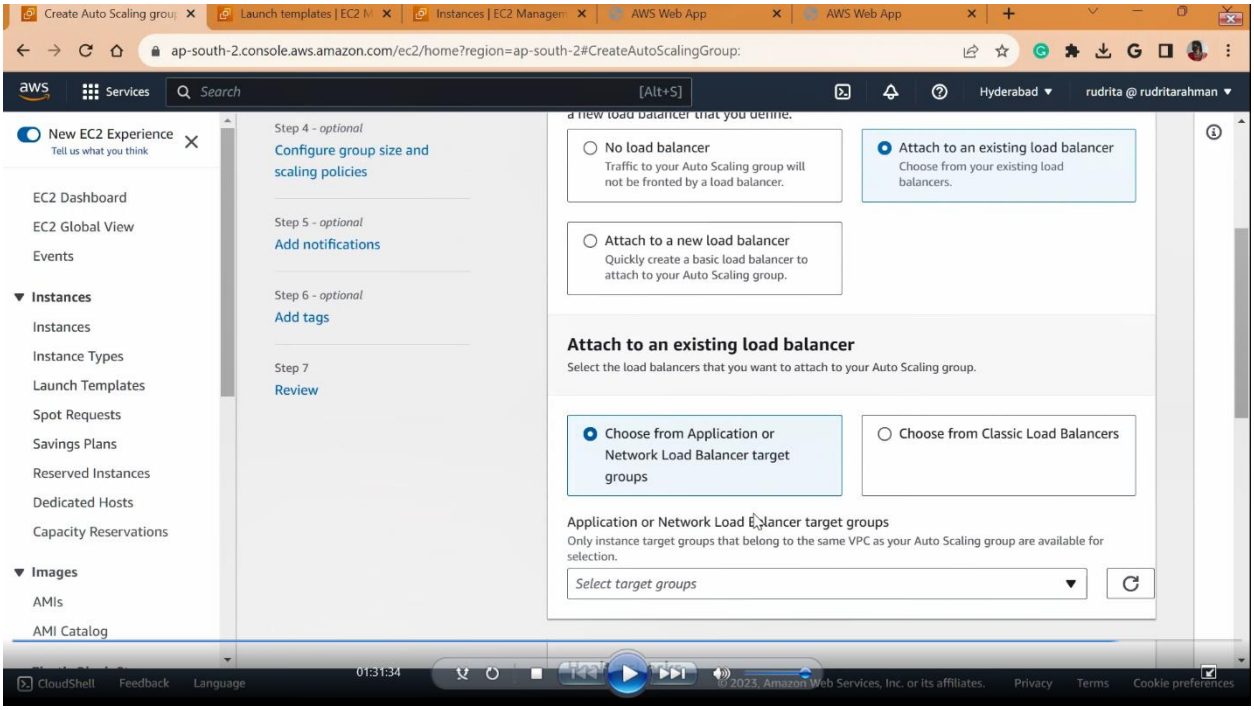
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Step 4 - optional
Configure group size and scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
No load balancer
Traffic to your Auto Scaling group will not be fronted by a load balancer.
Attach to an existing load balancer
Choose from your existing load balancers.
Attach to a new load balancer
Quickly create a basic load balancer to attach to your Auto Scaling group.
Attach to an existing load balancer
Select the load balancers that you want to attach to your Auto Scaling group.
Choose from Application or Network Load Balancer target groups
Choose from Classic Load Balancers
Application or Network Load Balancer target groups
Only instance target groups that belong to the same VPC as your Auto Scaling group are available for selection.
Select target groups
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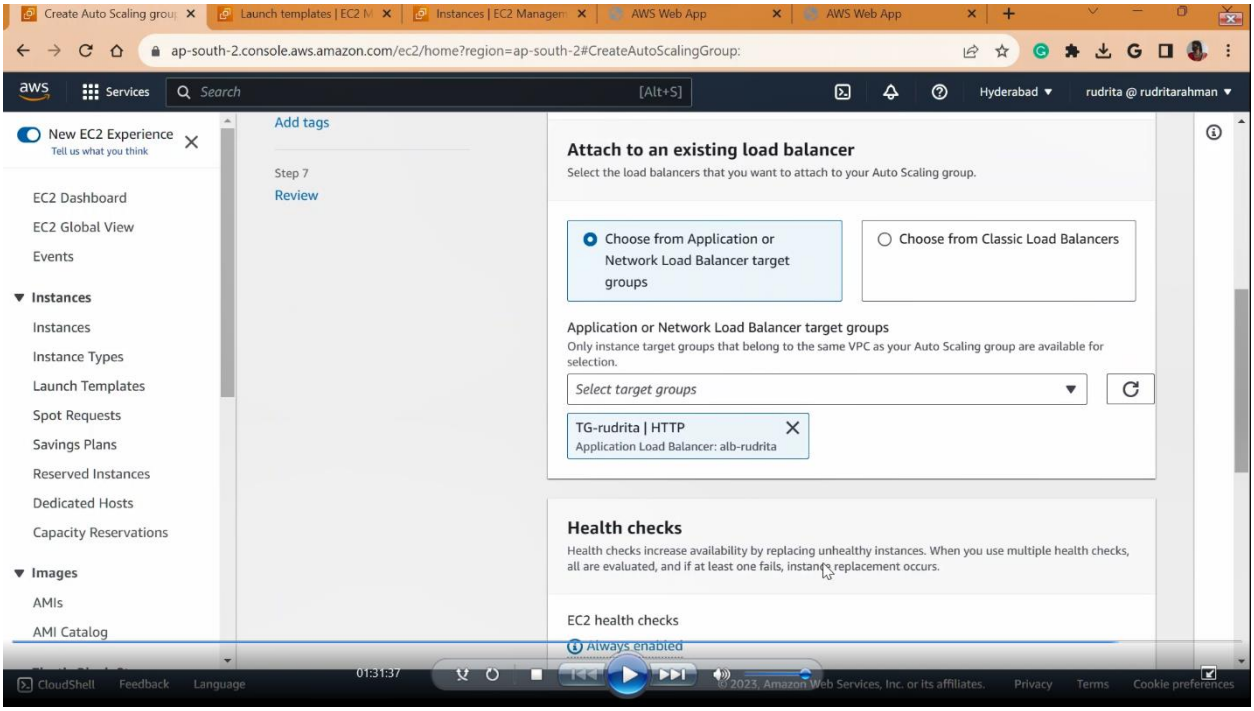
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Step 7
Review
Attach to an existing load balancer
Select the load balancers that you want to attach to your Auto Scaling group.
Choose from Application or Network Load Balancer target groups
Choose from Classic Load Balancers
Application or Network Load Balancer target groups
Only instance target groups that belong to the same VPC as your Auto Scaling group are available for selection.
Select target groups
TG-rudrita | HTTP
Application Load Balancer: alb-rudrita
Health checks
Health checks increase availability by replacing unhealthy instances. When you use multiple health checks, all are evaluated, and if at least one fails, instance replacement occurs.
EC2 health checks
Always enabled
01:31:37
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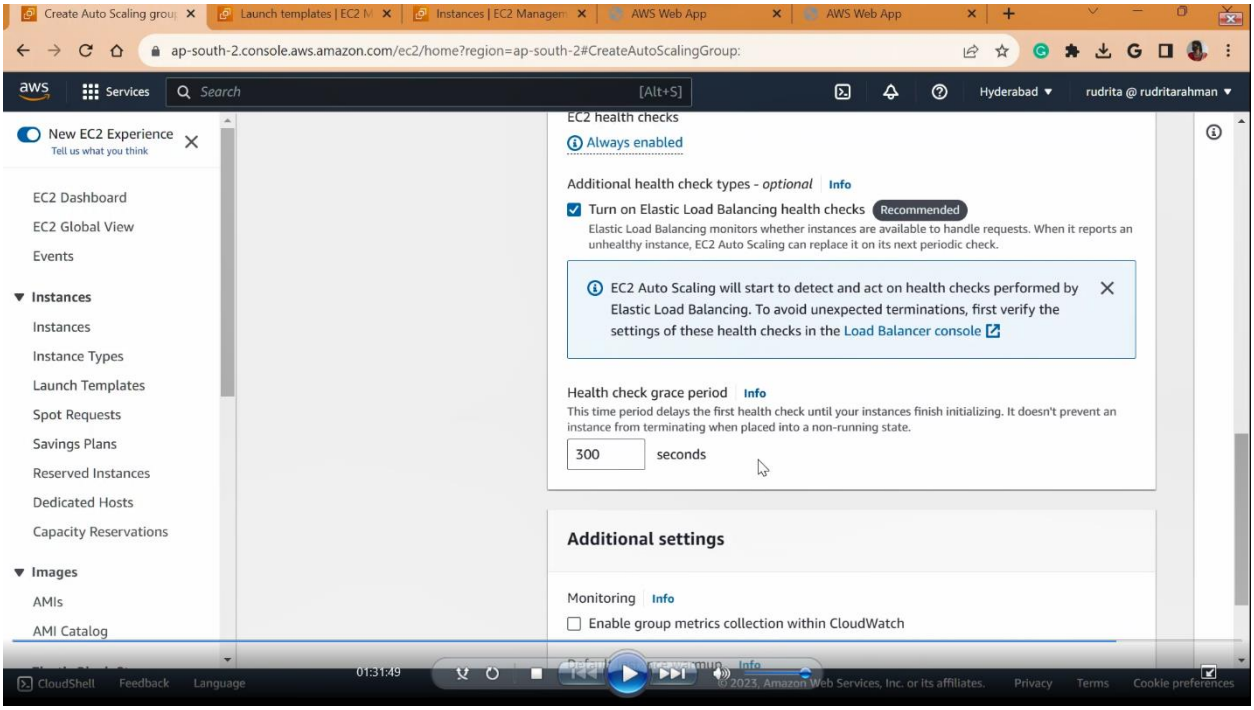
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EC2 health checks
Always enabled
Additional health check types - optional
Info
Turn on Elastic Load Balancing health checks
Recommended
Elastic Load Balancing monitors whether instances are available to handle requests. When it reports an unhealthy instance, EC2 Auto Scaling can replace it on its next periodic check.
EC2 Auto Scaling will start to detect and act on health checks performed by Elastic Load Balancing. To avoid unexpected terminations, first verify the settings of these health checks in the Load Balancer console
Health check grace period
Info
This time period delays the first health check until your instances finish initializing. It doesn't prevent an instance from terminating when placed into a non-running state.
300
seconds
Additional settings
Monitoring
Info
Enable group metrics collection within CloudWatch
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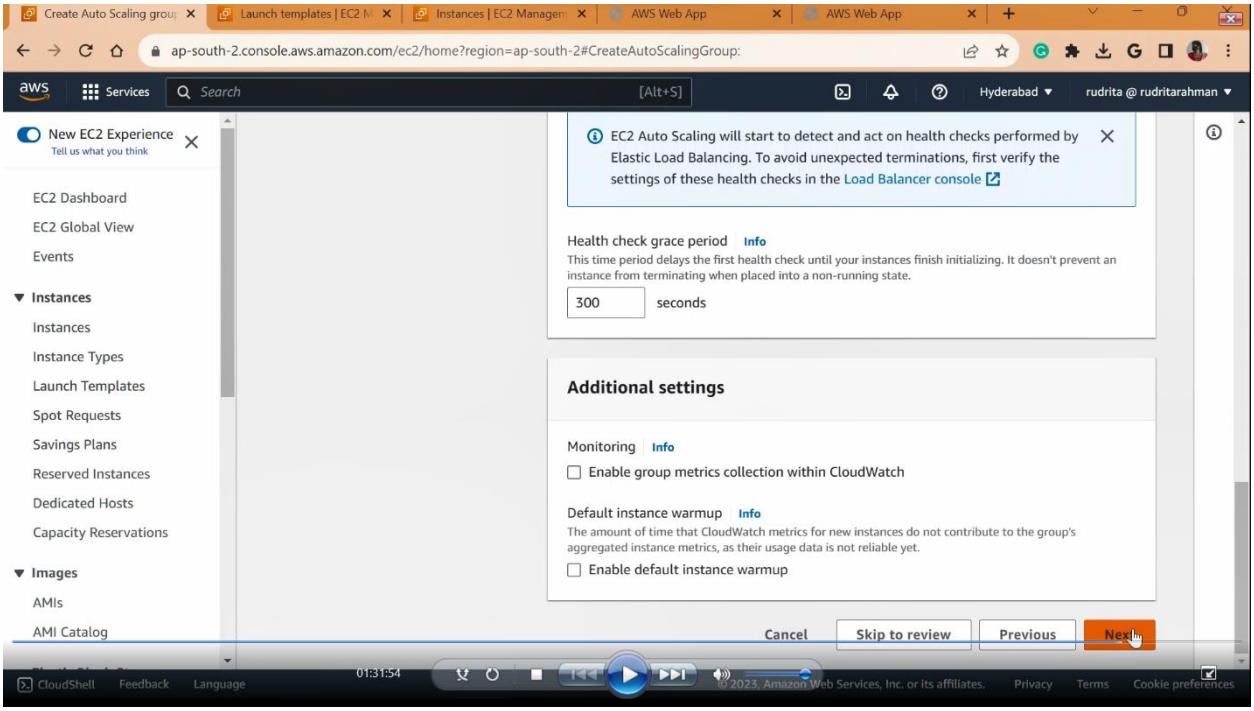
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EC2 Auto Scaling will start to detect and act on health checks performed by Elastic Load Balancing. To avoid unexpected terminations, first verify the settings of these health checks in the Load Balancer console
Health check grace period Info
This time period delays the first health check until your instances finish initializing. It doesn't prevent an instance from terminating when placed into a non-running state.
300
seconds
Additional settings
Monitoring Info
Enable group metrics collection within CloudWatch
Default instance warmup Info
The amount of time that CloudWatch metrics for new instances do not contribute to the group's aggregated instance metrics, as their usage data is not reliable yet.
Enable default instance warmup
Cancel
Skip to review
Previous
Next
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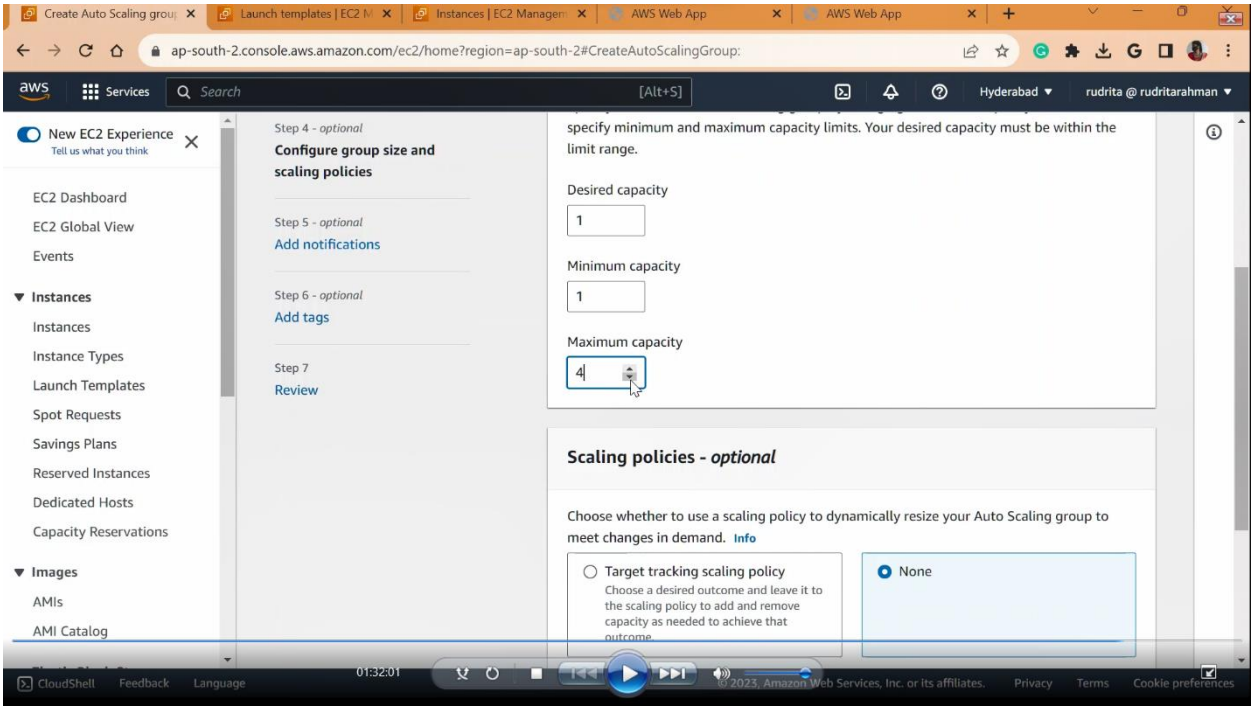
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Step 4 - optional
Configure group size and scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
specify minimum and maximum capacity limits. Your desired capacity must be within the limit range.
Desired capacity
1
Minimum capacity
1
Maximum capacity
4
Scaling policies - optional
Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. Info
Target tracking scaling policy
Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to achieve that outcome.
None
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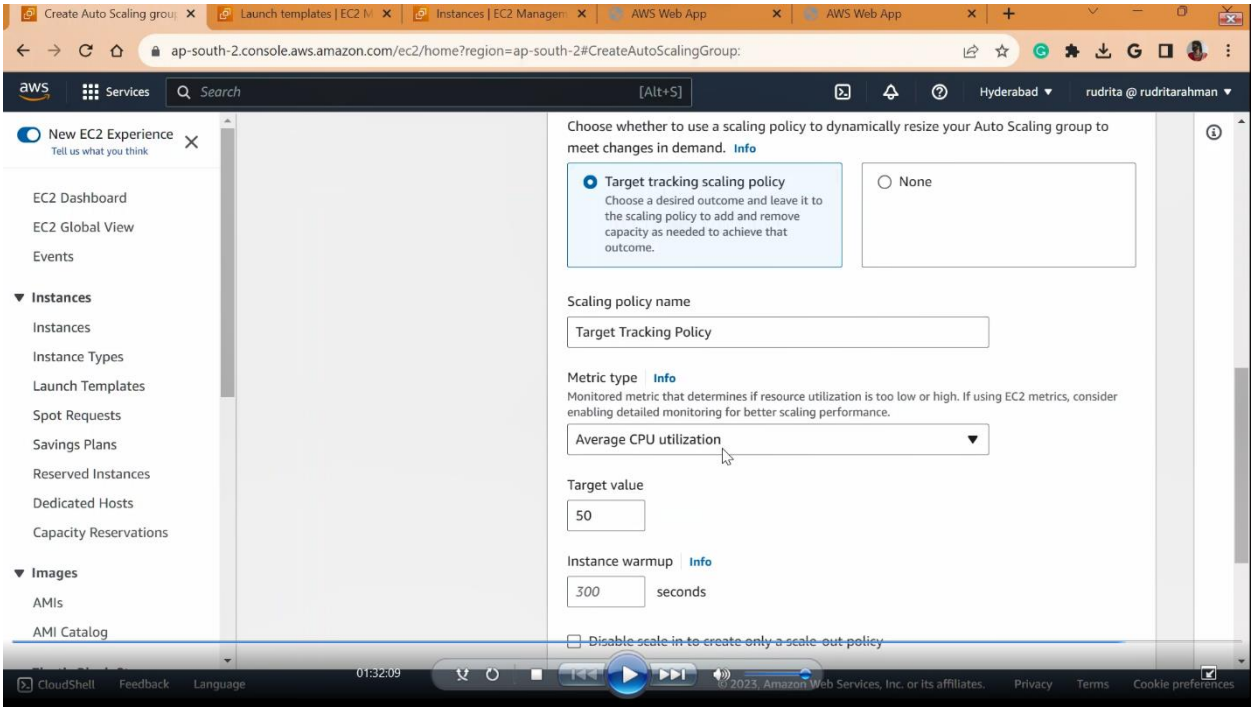
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Choose whether to use a scaling policy to dynamically resize your Auto Scaling group to meet changes in demand. Info
Target tracking scaling policy
Choose a desired outcome and leave it to the scaling policy to add and remove capacity as needed to achieve that outcome.
None
Scaling policy name
Target Tracking Policy
Metric type Info
Monitored metric that determines if resource utilization is too low or high. If using EC2 metrics, consider enabling detailed monitoring for better scaling performance.
Average CPU utilization
Target value
50
Instance warmup Info
300
seconds
Disable scale in to create only a scale-out policy
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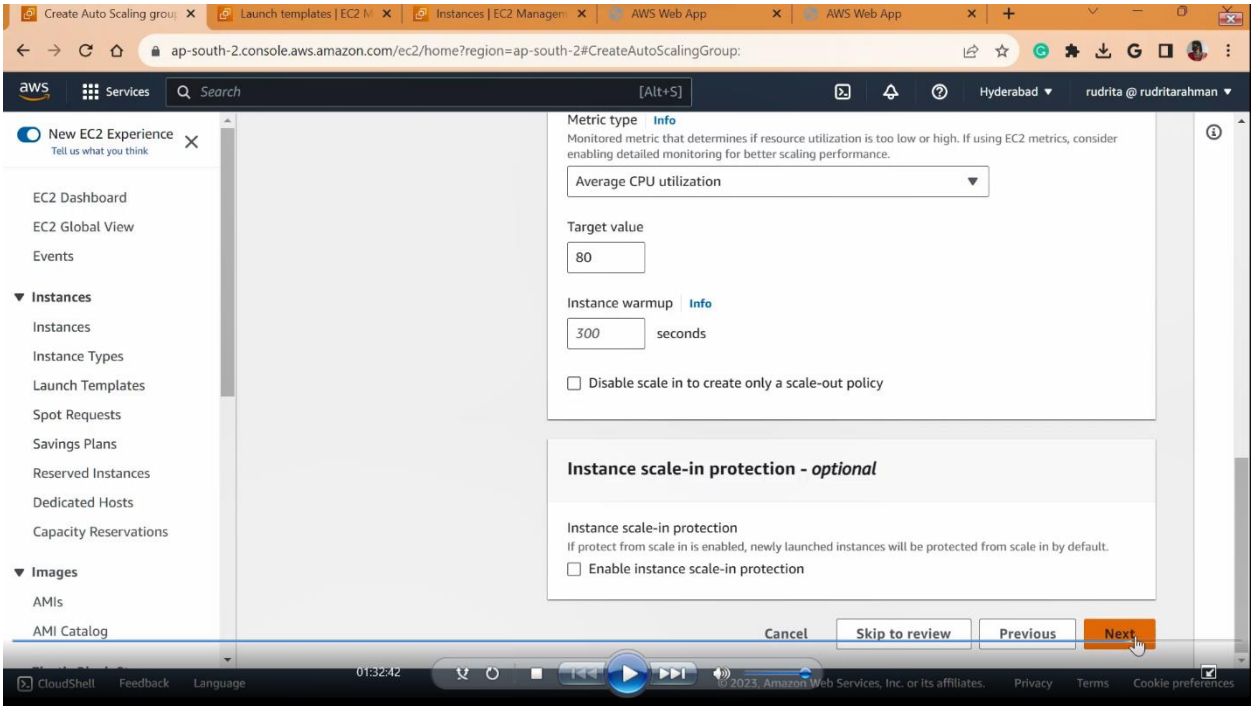
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AMI Catalog
Metric type Info
Monitored metric that determines if resource utilization is too low or high. If using EC2 metrics, consider enabling detailed monitoring for better scaling performance.
Average CPU utilization
Target value
80
Instance warmup Info
300
seconds
Disable scale in to create only a scale-out policy
Instance scale-in protection - optional
Instance scale-in protection
If protect from scale in is enabled, newly launched instances will be protected from scale in by default.
Enable instance scale-in protection
Cancel
Skip to review
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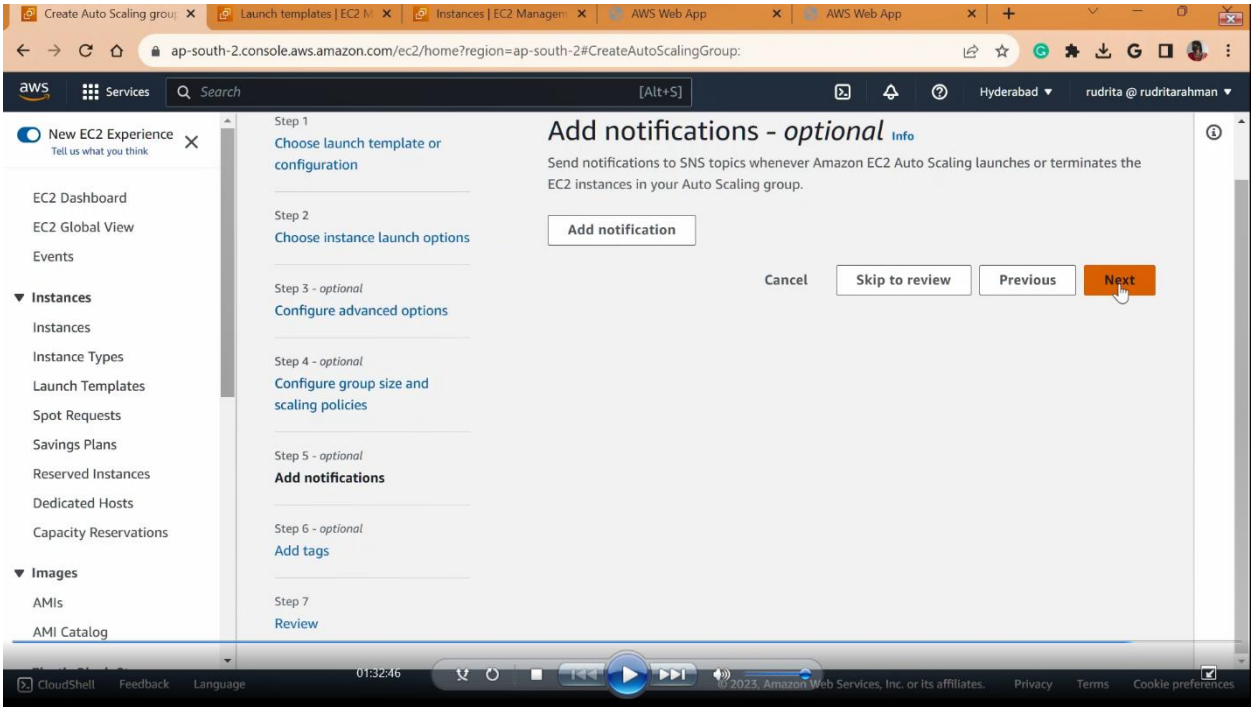
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Step 1
Choose launch template or configuration
Step 2
Choose instance launch options
Step 3 - optional
Configure advanced options
Step 4 - optional
Configure group size and scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Add notifications - optional Info
Send notifications to SNS topics whenever Amazon EC2 Auto Scaling launches or terminates the EC2 instances in your Auto Scaling group.
Add notification
Cancel
Skip to review
Previous
Next
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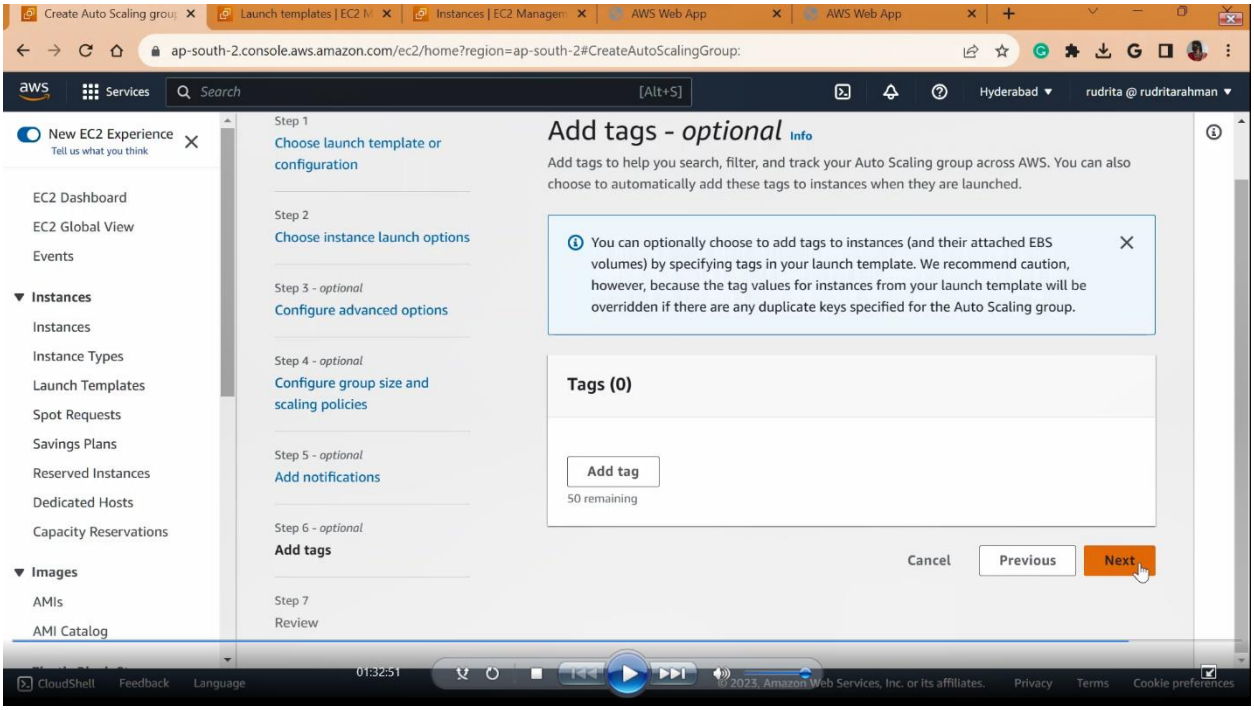
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Choose launch template or configuration
Step 2
Choose instance launch options
Step 3 - optional
Configure advanced options
Step 4 - optional
Configure group size and scaling policies
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Add tags - optional Info
Add tags to help you search, filter, and track your Auto Scaling group across AWS. You can also choose to automatically add these tags to instances when they are launched.
You can optionally choose to add tags to instances (and their attached EBS volumes) by specifying tags in your launch template. We recommend caution, however, because the tag values for instances from your launch template will be overridden if there are any duplicate keys specified for the Auto Scaling group.
Tags (0)
Add tag
50 remaining
Cancel
Previous
Next
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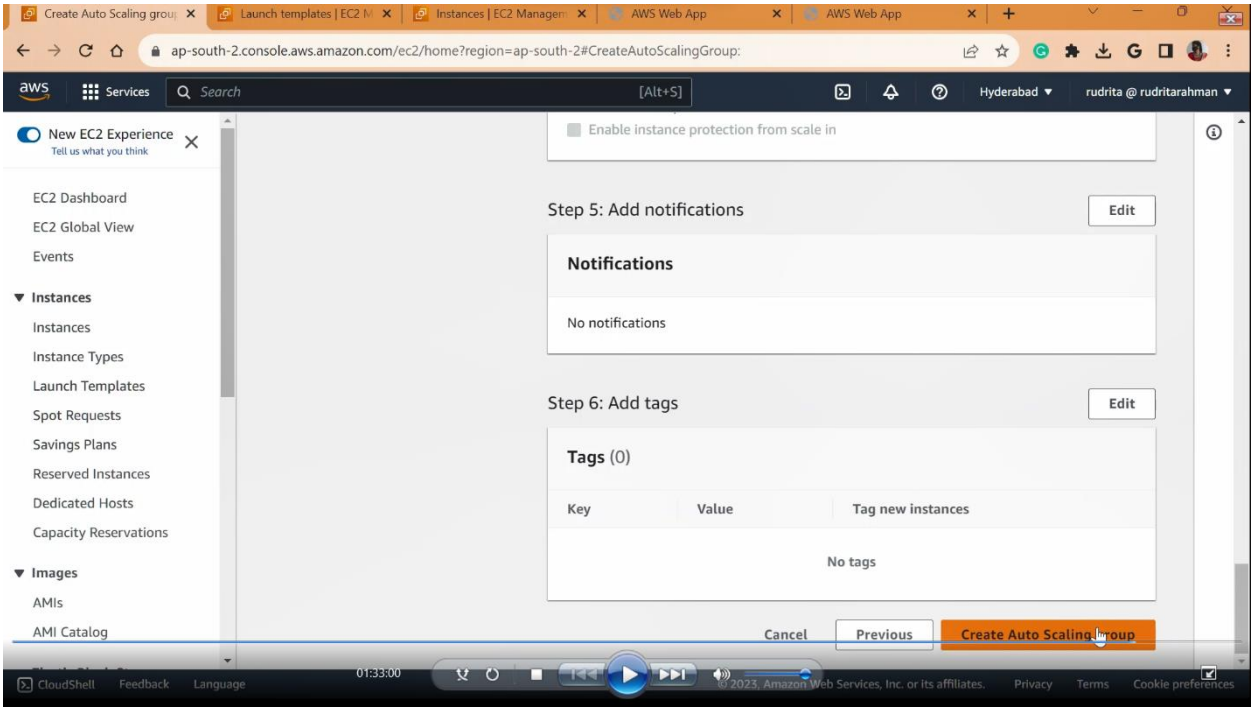
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Step 5: Add notifications
Edit
Notifications
No notifications
Step 6: Add tags
Edit
Tags (0)
Key
Value
Tag new instances
No tags
Cancel
Previous
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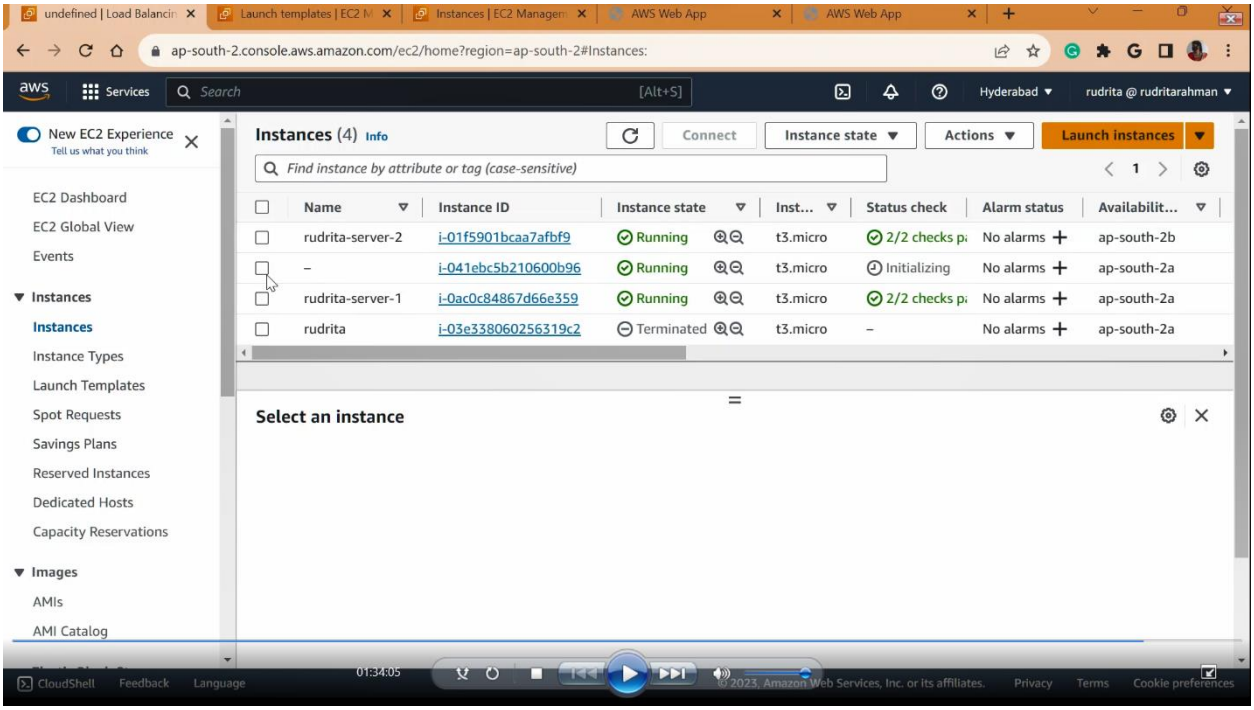
undefined | Load Balancin
Launch templates | EC2 M
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AWS Web App
AWS Web App
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#Instances:
aws
Services
Search
[Alt+S]
Hyderabad
rudrita @ rudritarahman
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Instances (4) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Inst...
Status check
Alarm status
Availabilit...
rudrita-server-2
i-01f5901bcaa7afbf9
Running
t3.micro
2/2 checks pa
No alarms
ap-south-2b
–
i-041ebc5b210600b96
Running
t3.micro
Initializing
No alarms
ap-south-2a
rudrita-server-1
i-0ac0c84867d66e359
Running
t3.micro
2/2 checks pa
No alarms
ap-south-2a
rudrita
i-03e338060256319c2
Terminated
t3.micro
–
No alarms
ap-south-2a
Select an instance
01:34:05
CloudShell
Feedback
Language
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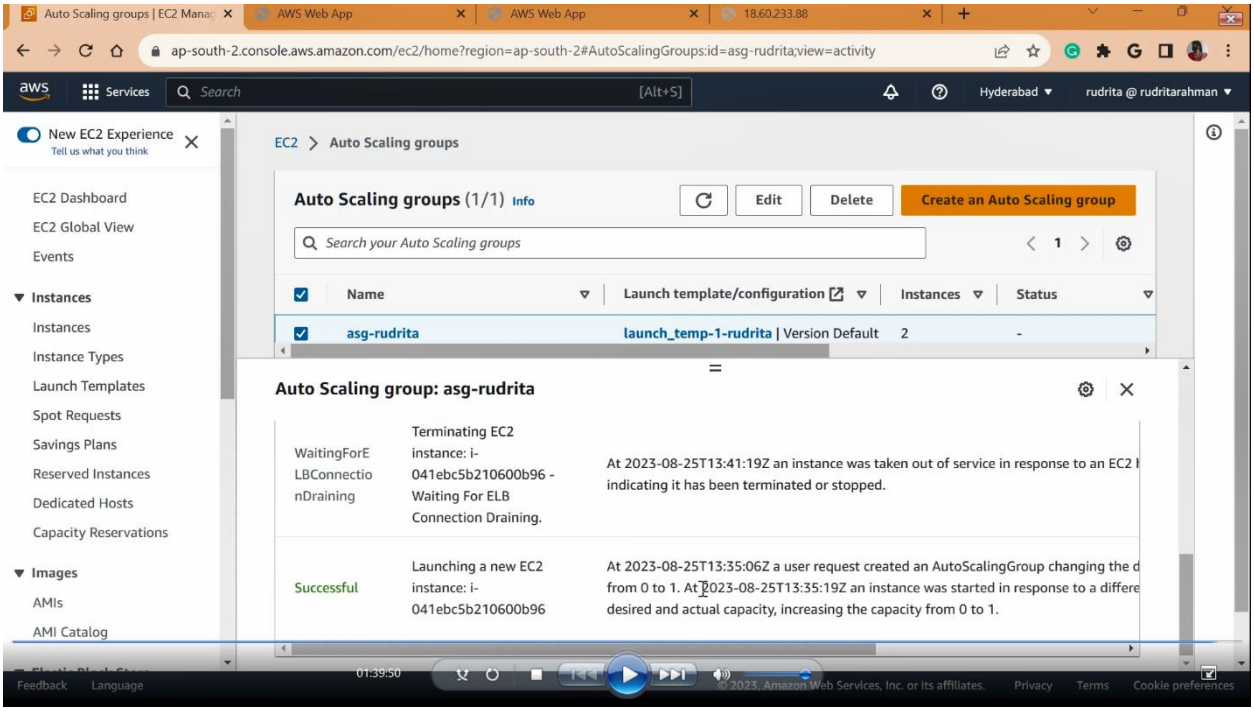
Auto Scaling groups | EC2 Manac
AWS Web App
AWS Web App
18.60.233.88
ap-south-2.console.aws.amazon.com/ec2/home?region=ap-south-2#AutoScalingGroups:id=asg-rudrita;view=activity
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EC2 > Auto Scaling groups
Auto Scaling groups (1/1) Info
Edit
Delete
Create an Auto Scaling group
Search your Auto Scaling groups
1
Name
Launch template/configuration
Instances
Status
asg-rudrita
launch_temp-1-rudrita | Version Default
2
-
Auto Scaling group: asg-rudrita
WaitingForELBConnectionDraining
Terminating EC2 instance: i-041ebc5b210600b96 - Waiting For ELB Connection Draining.
At 2023-08-25T13:41:19Z an instance was taken out of service in response to an EC2 I
indicating it has been terminated or stopped.
Successful
Launching a new EC2 instance: i-041ebc5b210600b96
At 2023-08-25T13:35:06Z a user request created an AutoScalingGroup changing the d
from 0 to 1. At 2023-08-25T13:35:19Z an instance was started in response to a differe
desired and actual capacity, increasing the capacity from 0 to 1.
01:39:50
Feedback
Language
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