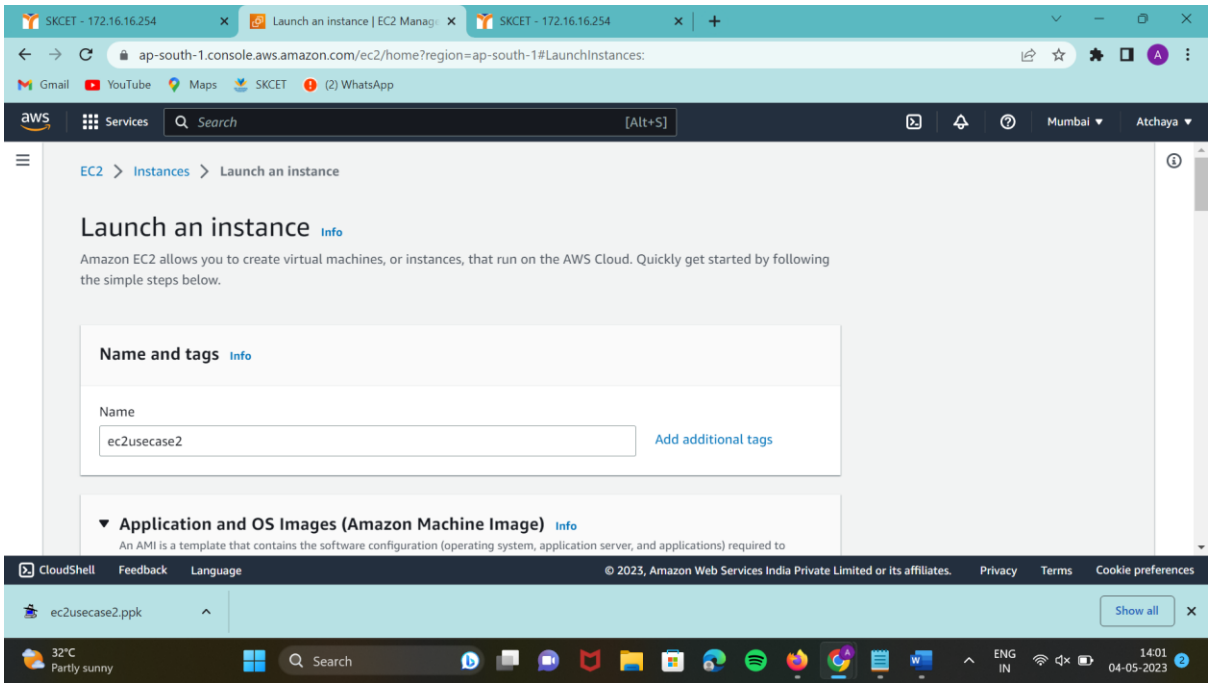
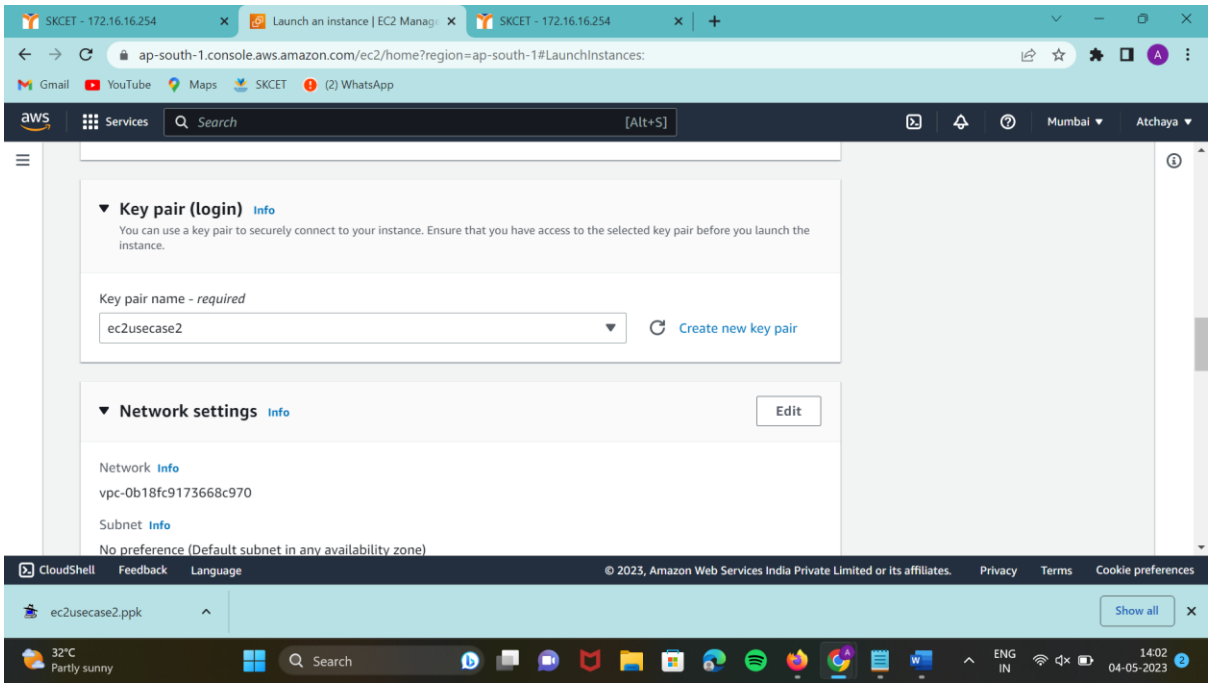
CA_1

1) EC2 instance

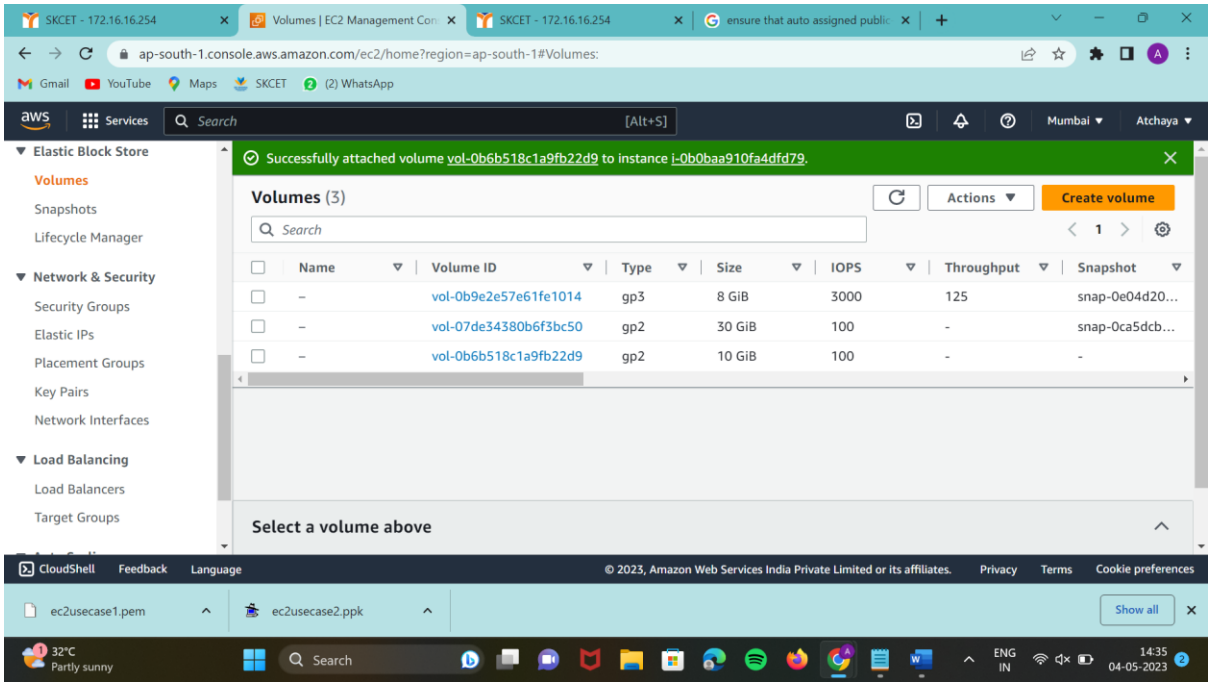
Server Name:



Keypair Name



Volume:


Successfully attached volume vol-0b6b518c1a9fb22d9 to instance i-0b0baa910fa4dfd79.
Volumes (3)
Actions
Create volume
Search
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot
vol-0b9e2e57e61fe1014 gp3 8 GiB 3000 125 snap-0e04d20...
vol-07de34380b6f3bc50 gp2 30 GiB 100 - snap-0ca5dcb...
vol-0b6b518c1a9fb22d9 gp2 10 GiB 100 - -
Select a volume above
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
CloudShell
Feedback
Language
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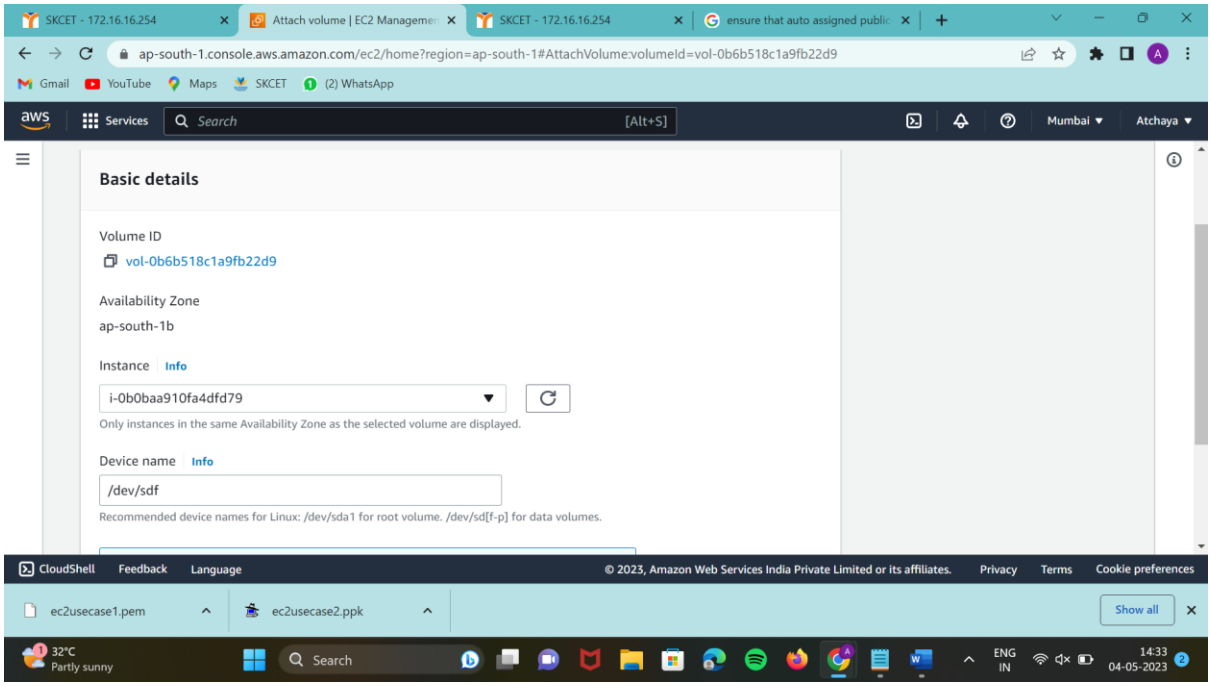
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all


Basic details
Volume ID
vol-0b6b518c1a9fb22d9
Availability Zone
ap-south-1b
Instance Info
i-0b0baa910fa4dfd79
Only instances in the same Availability Zone as the selected volume are displayed.
Device name Info
/dev/sdf
Recommended device names for Linux: /dev/sda1 for root volume. /dev/sd[f-p] for data volumes.
CloudShell
Feedback
Language
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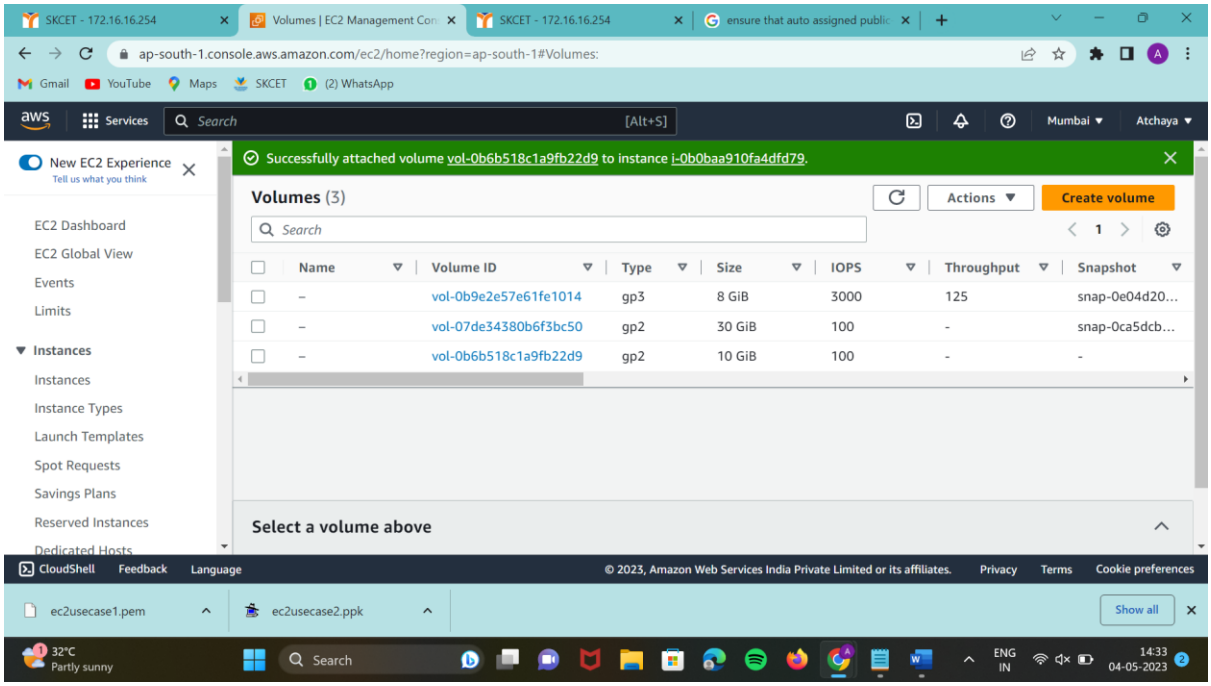
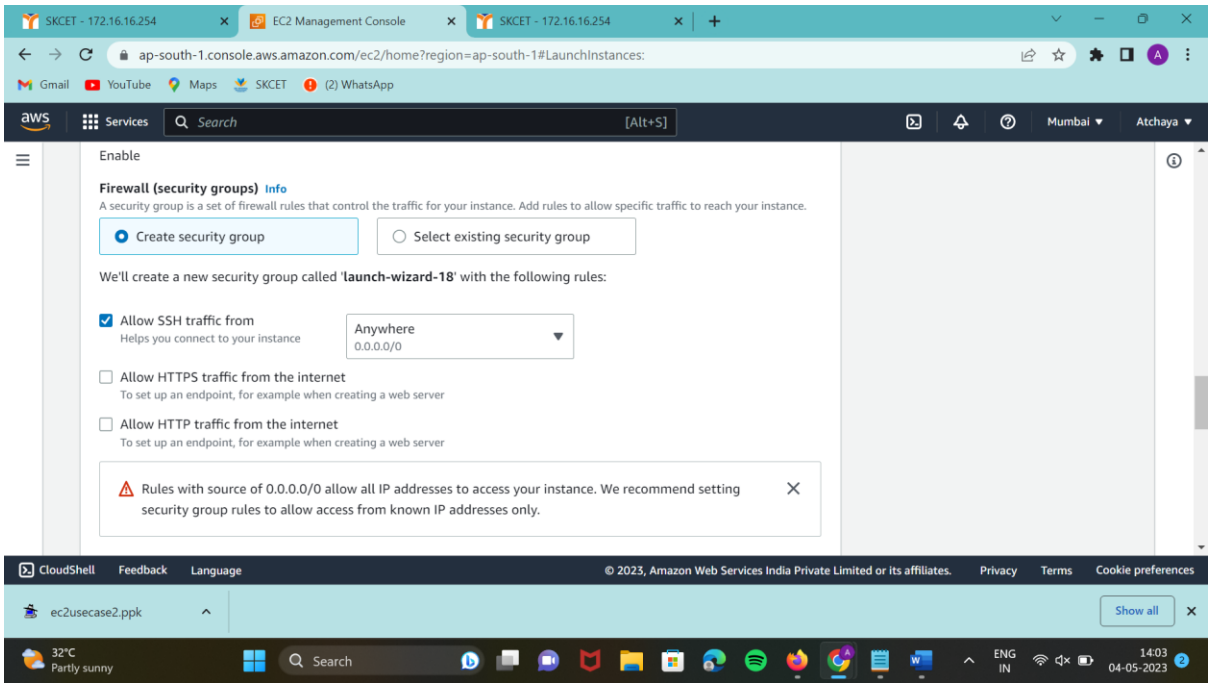
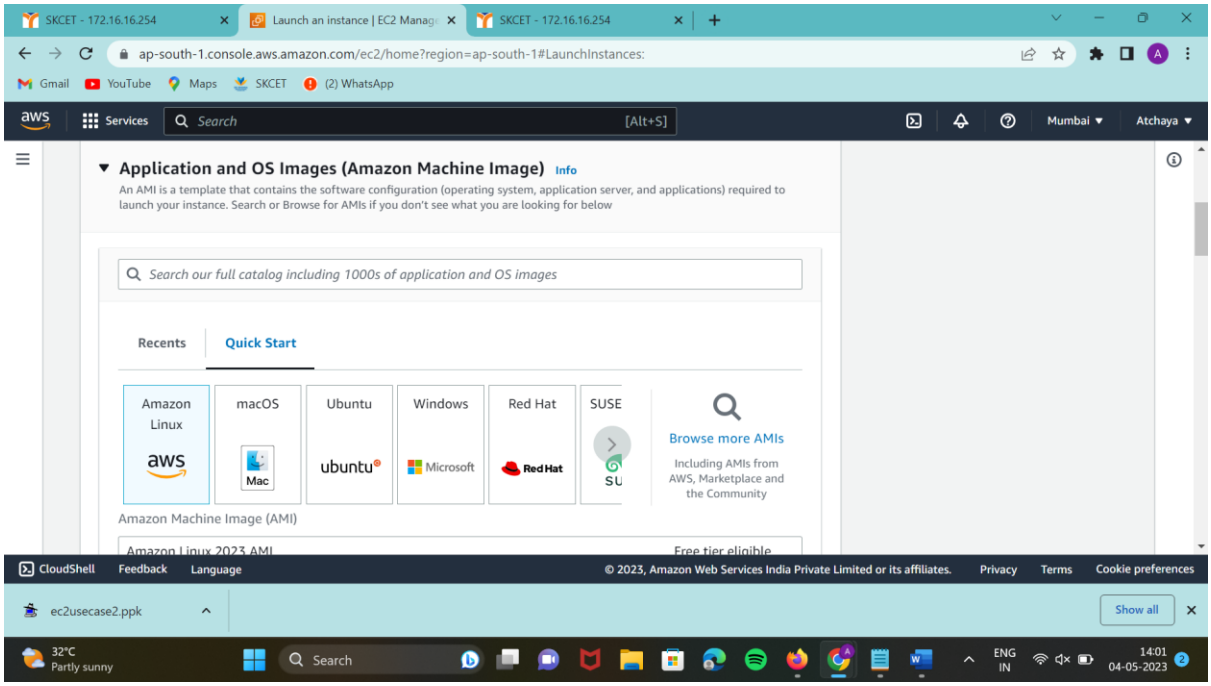
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all

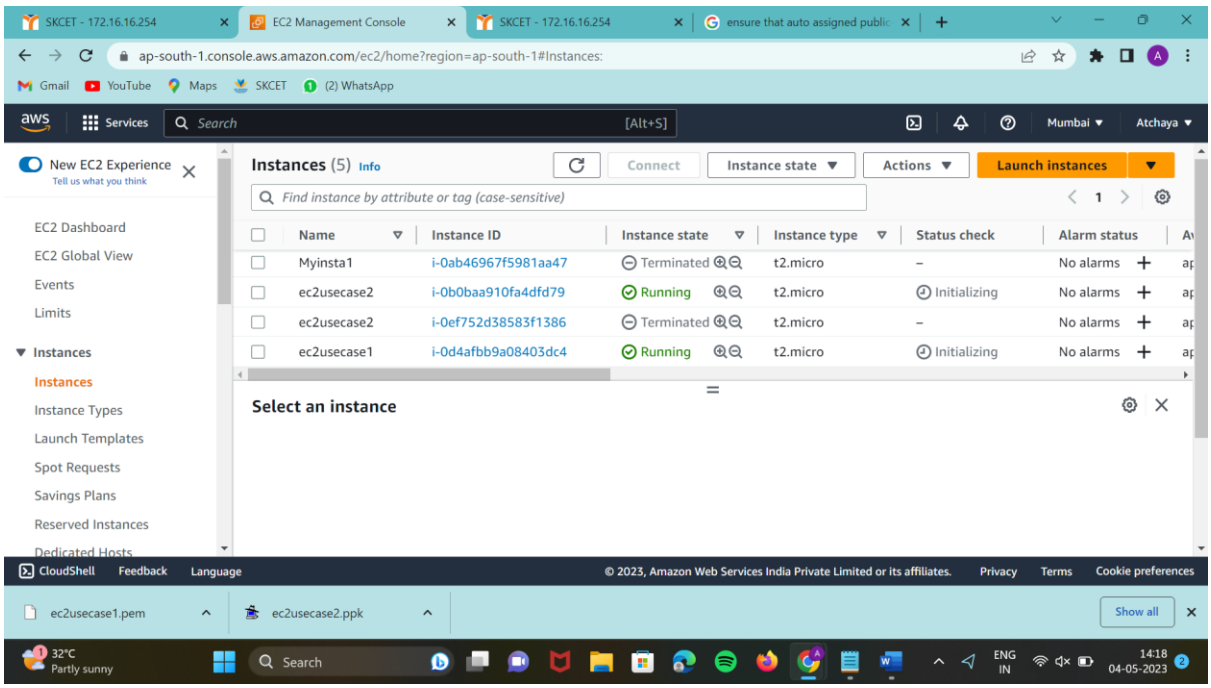

Successfully attached volume vol-0b6b518c1a9fb22d9 to instance i-0b0baa910fa4dfd79.
Volumes (3)
Actions
Create volume
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot
vol-0b9e2e57e61fe1014 gp3 8 GiB 3000 125 snap-0e04d20...
vol-07de34380b6f3bc50 gp2 30 GiB 100 - snap-0ca5dcb...
vol-0b6b518c1a9fb22d9 gp2 10 GiB 100 - -
Select a volume above
ec2usecase1.pem
ec2usecase2.ppk
Show all

Port:

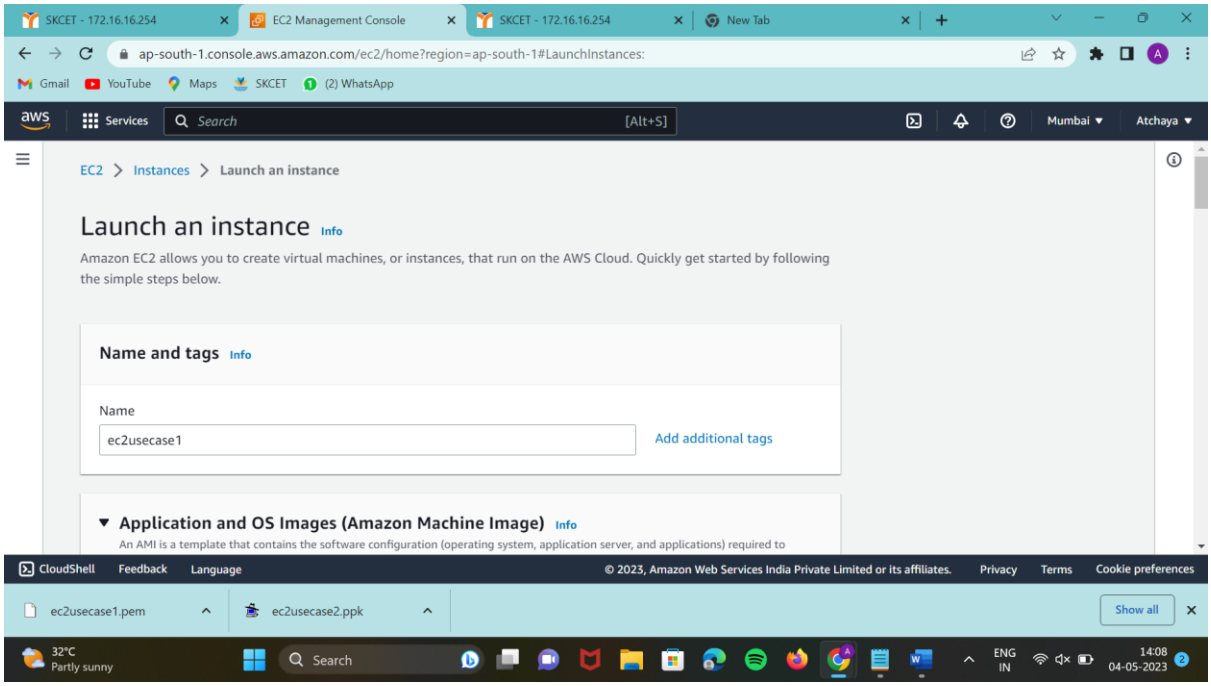

Enable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-18' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
ec2usecase2.ppk
Show all

Linux





2) EC2 instance


SKCET - 172.16.16.254
EC2 Management Console
SKCET - 172.16.16.254
New Tab
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Mumbai
Atchaya
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
ec2usecase1
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
CloudShell
Feedback
Language
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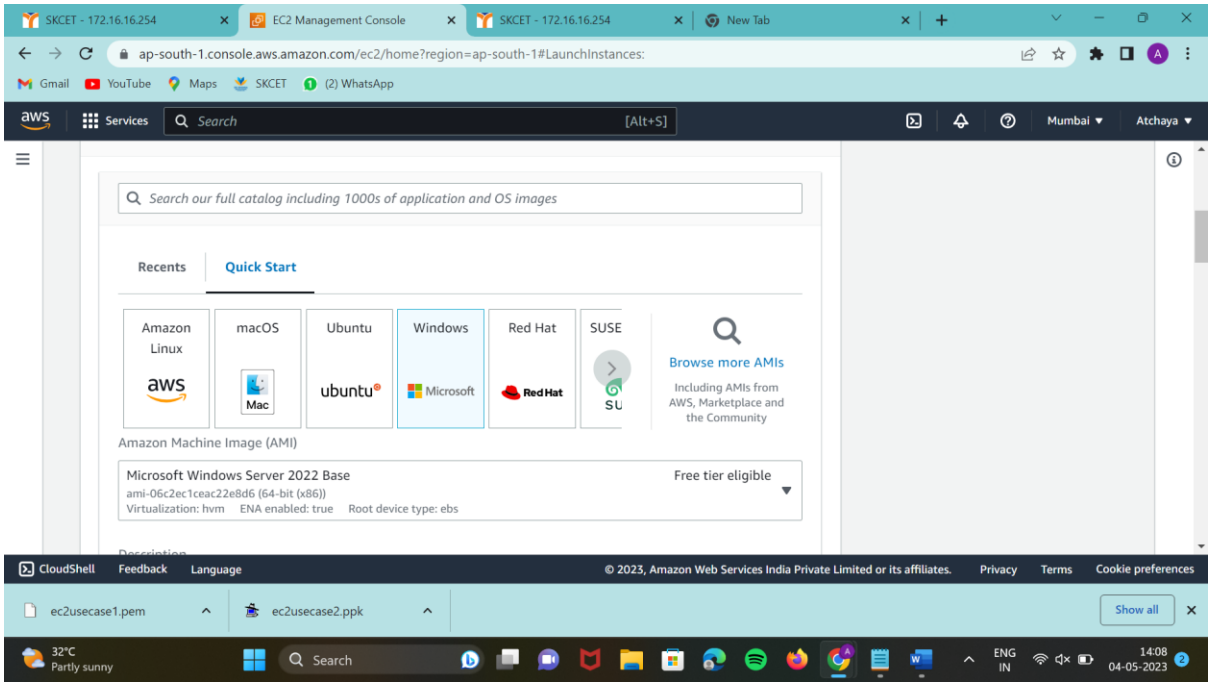
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:08
04-05-2023


SKCET - 172.16.16.254
EC2 Management Console
SKCET - 172.16.16.254
New Tab
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Mumbai
Atchaya
Search our full catalog including 1000s of application and OS images
Recents
Quick Start
Amazon Linux
macOS
Mac
Ubuntu
ubuntu
Windows
Microsoft
Red Hat
Red Hat
SUSE
SU
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Microsoft Windows Server 2022 Base
ami-06c2ec1ceac22e8d6 (64-bit (x86))
Virtualization: hvm ENA enabled: true Root device type: ebs
Free tier eligible
CloudShell
Feedback
Language
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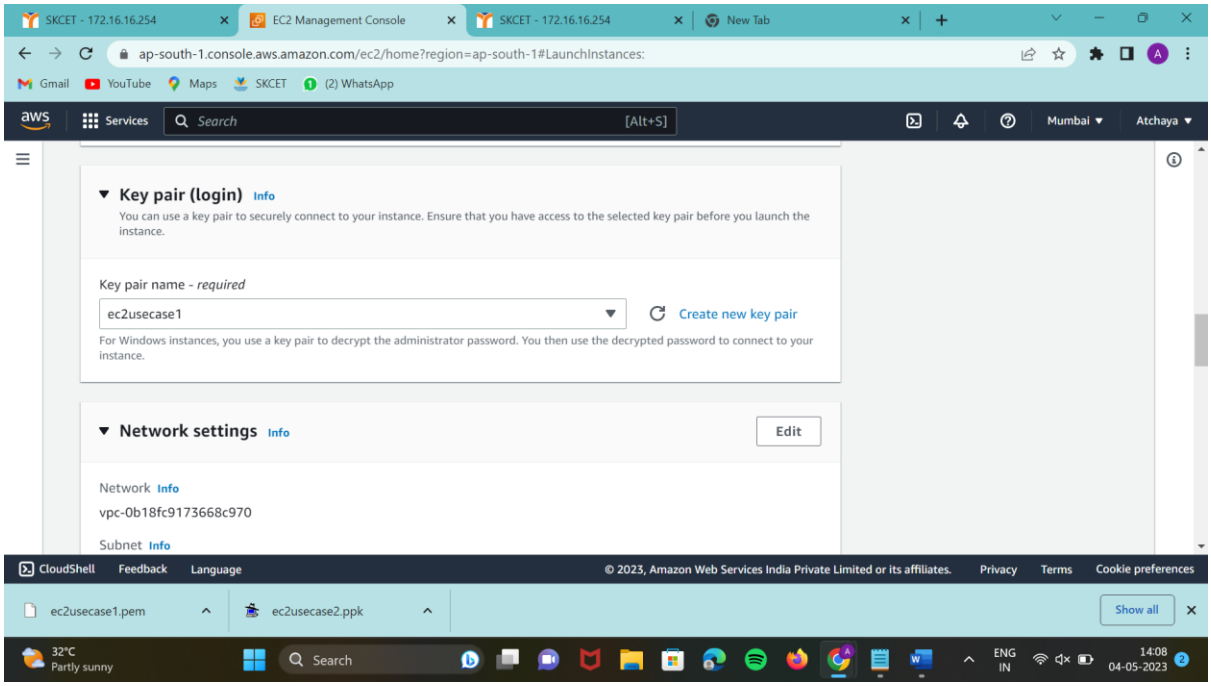
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:08
04-05-2023


SKCET - 172.16.16.254
EC2 Management Console
SKCET - 172.16.16.254
New Tab
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Mumbai
Atchaya
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
ec2usecase1
Create new key pair
For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.
Network settings Info
Edit
Network Info
vpc-0b18fc9173668c970
Subnet Info
CloudShell
Feedback
Language
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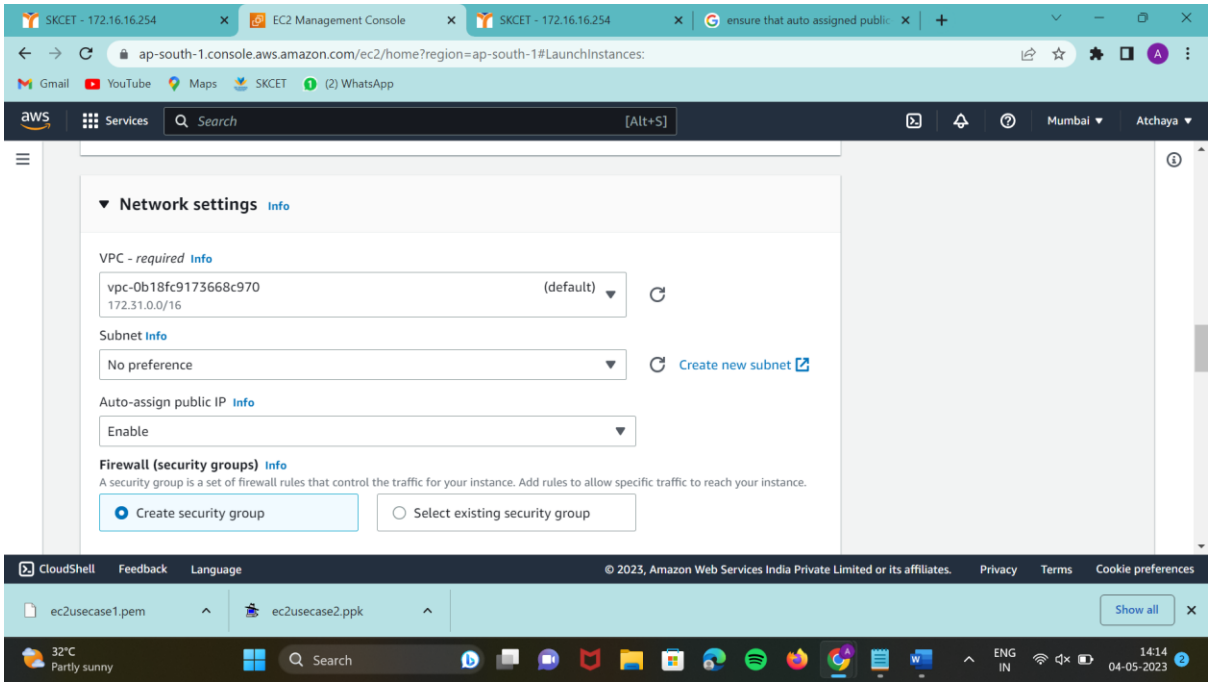
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:08
04-05-2023


SKCET - 172.16.16.254
EC2 Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Mumbai
Atchaya
Network settings Info
VPC - required Info
vpc-0b18fc9173668c970
172.31.0.0/16
(default)
Subnet Info
No preference
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
CloudShell
Feedback
Language
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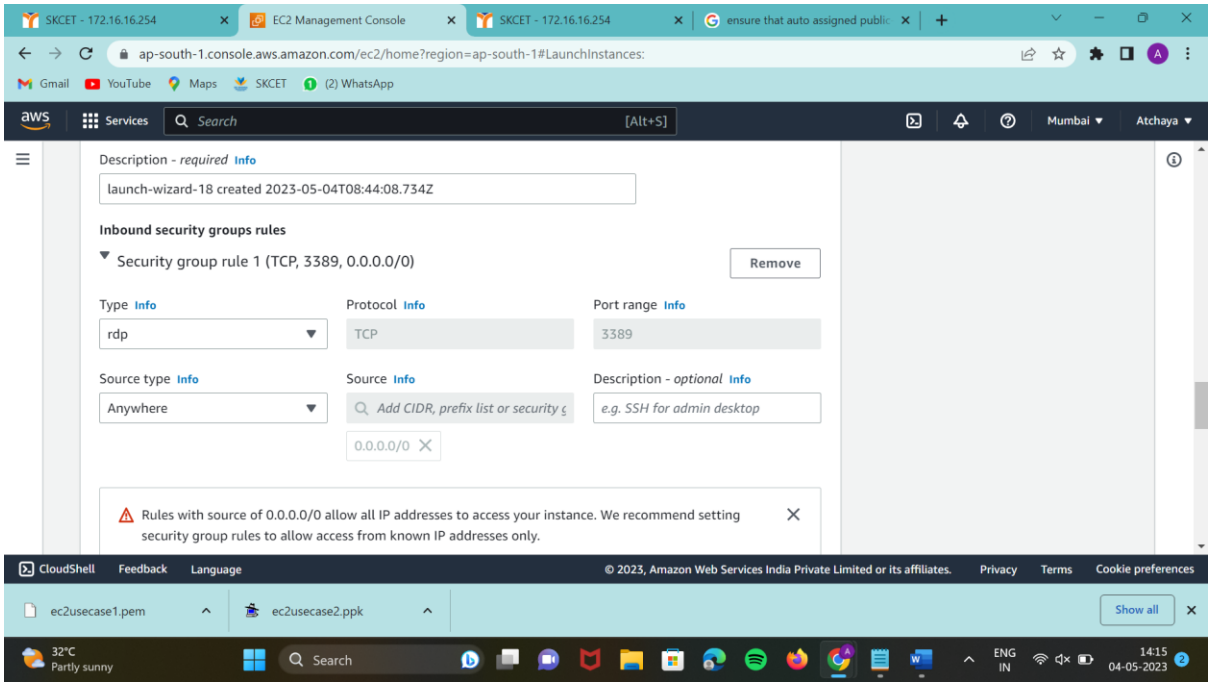
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:14
04-05-2023


SKCET - 172.16.16.254
EC2 Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Mumbai
Atchaya
Description - required Info
launch-wizard-18 created 2023-05-04T08:44:08.734Z
Inbound security groups rules
Security group rule 1 (TCP, 3389, 0.0.0.0/0)
Remove
Type Info
rdp
Protocol Info
TCP
Port range Info
3389
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security g
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
CloudShell
Feedback
Language
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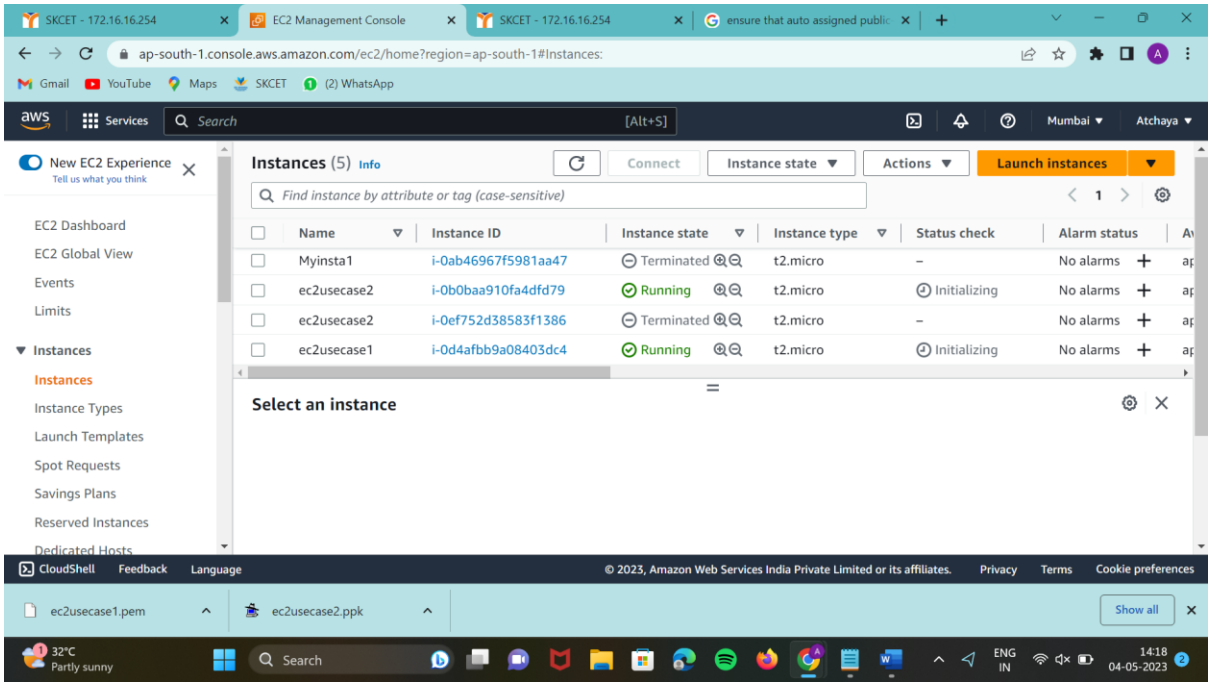
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:15
04-05-2023


SKCET - 172.16.16.254
EC2 Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Mumbai
Atchaya
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Instances (5) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Myinsta1 i-0ab46967f5981aa47 Terminated t2.micro – No alarms
ec2usecase2 i-0b0baa910fa4dfd79 Running t2.micro Initializing No alarms
ec2usecase2 i-0ef752d38583f1386 Terminated t2.micro – No alarms
ec2usecase1 i-0d4afbb9a08403dc4 Running t2.micro Initializing No alarms
Select an instance
CloudShell
Feedback
Language
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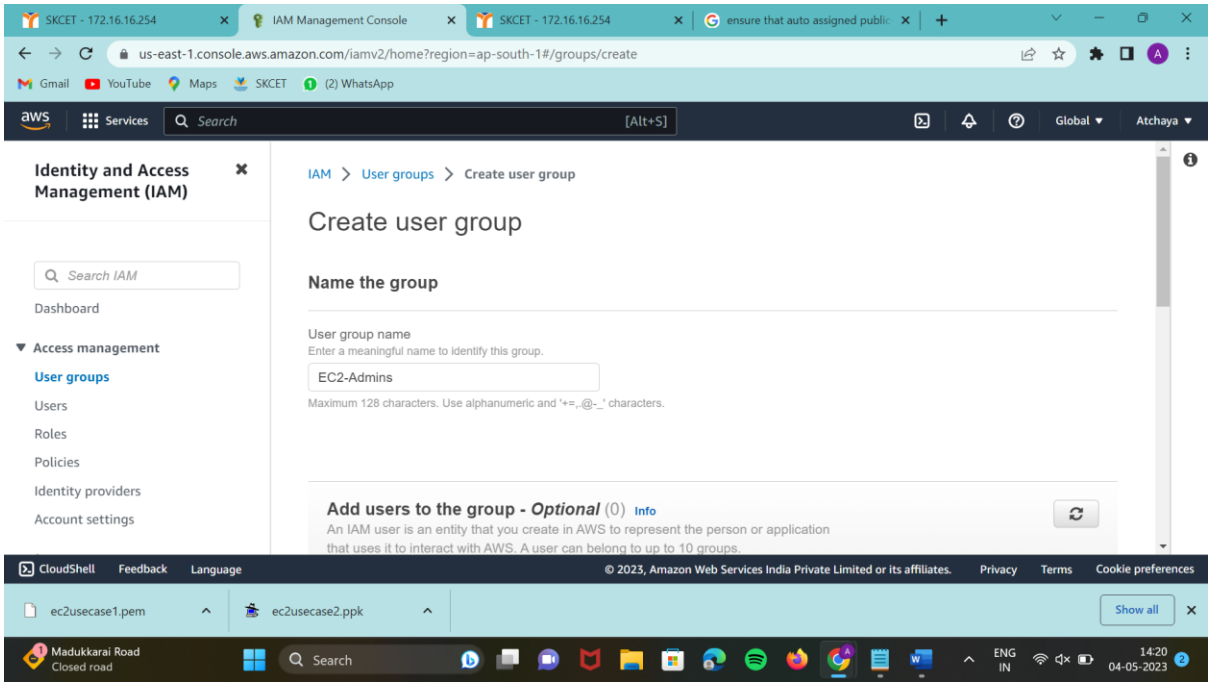
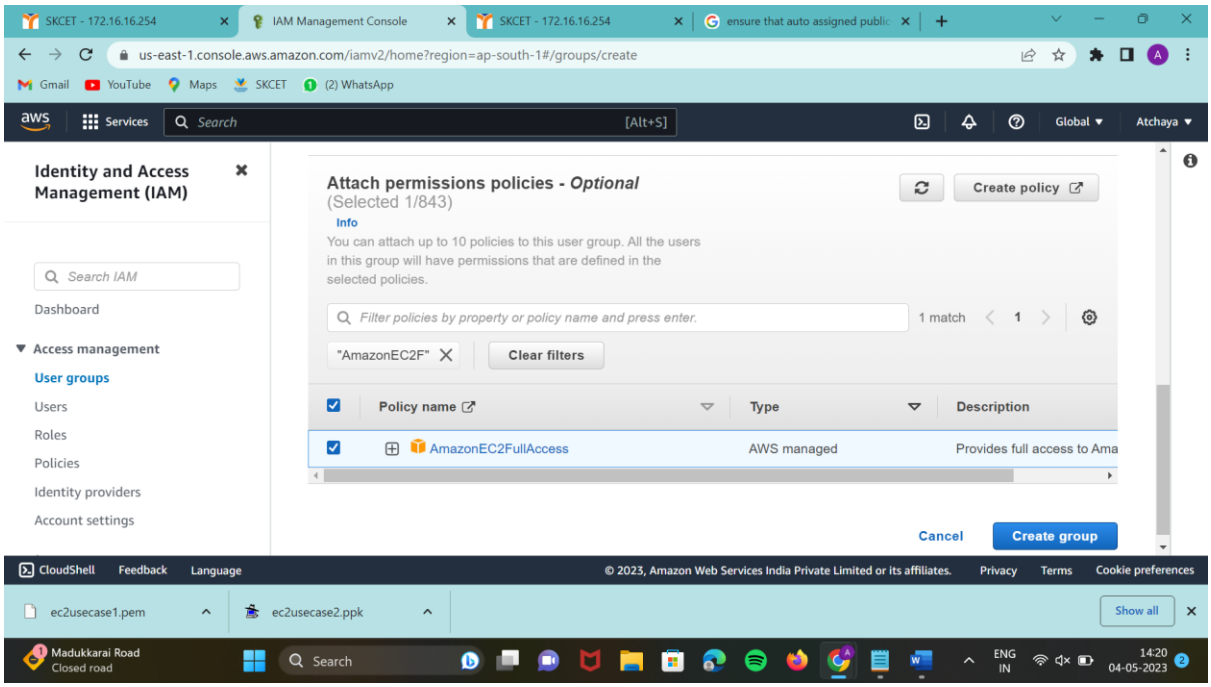
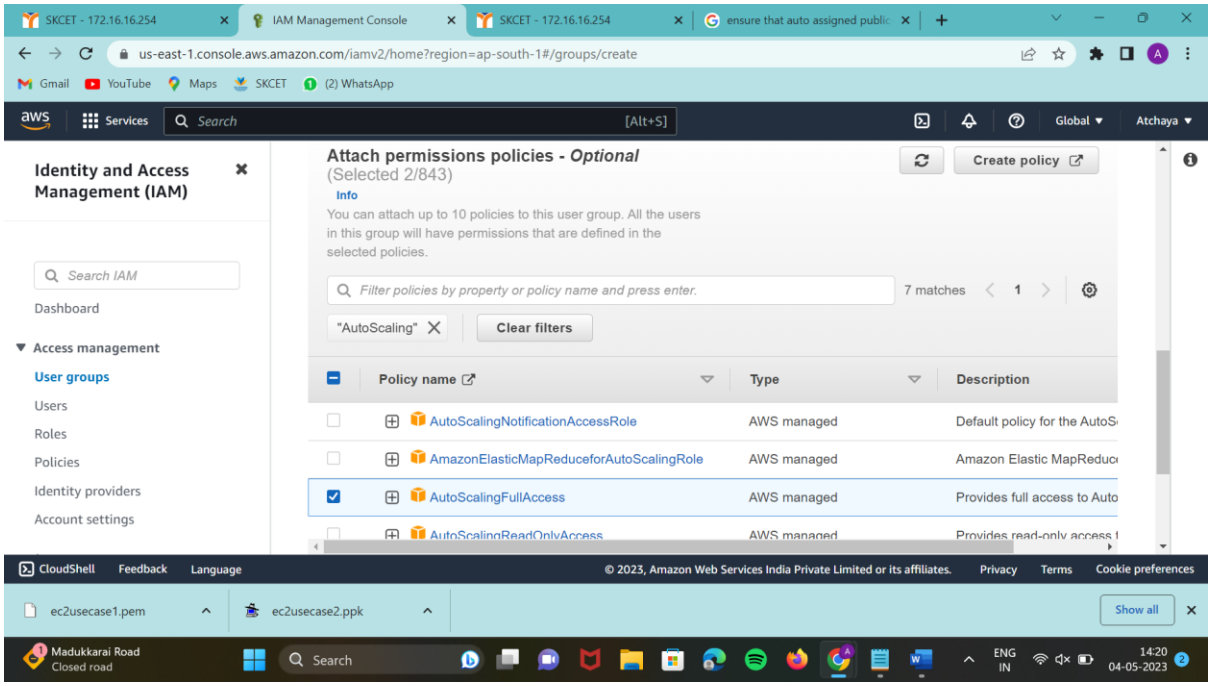
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:18
04-05-2023

3) IAM group and user-






SKCET - 172.16.16.254
IAM Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/groups/create
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Global
Atchaya
Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Attach permissions policies - Optional
(Selected 2/843)
Info
You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.
Create policy
Filter policies by property or policy name and press enter.
7 matches
1
"AutoScaling"
Clear filters
Policy name
Type
Description
AutoScalingNotificationAccessRole
AWS managed
Default policy for the AutoS
AmazonElasticMapReduceforAutoScalingRole
AWS managed
Amazon Elastic MapReduc
AutoScalingFullAccess
AWS managed
Provides full access to Auto
AutoScalingReadOnlyAccess
AWS managed
Provides read-only access
CloudShell
Feedback
Language
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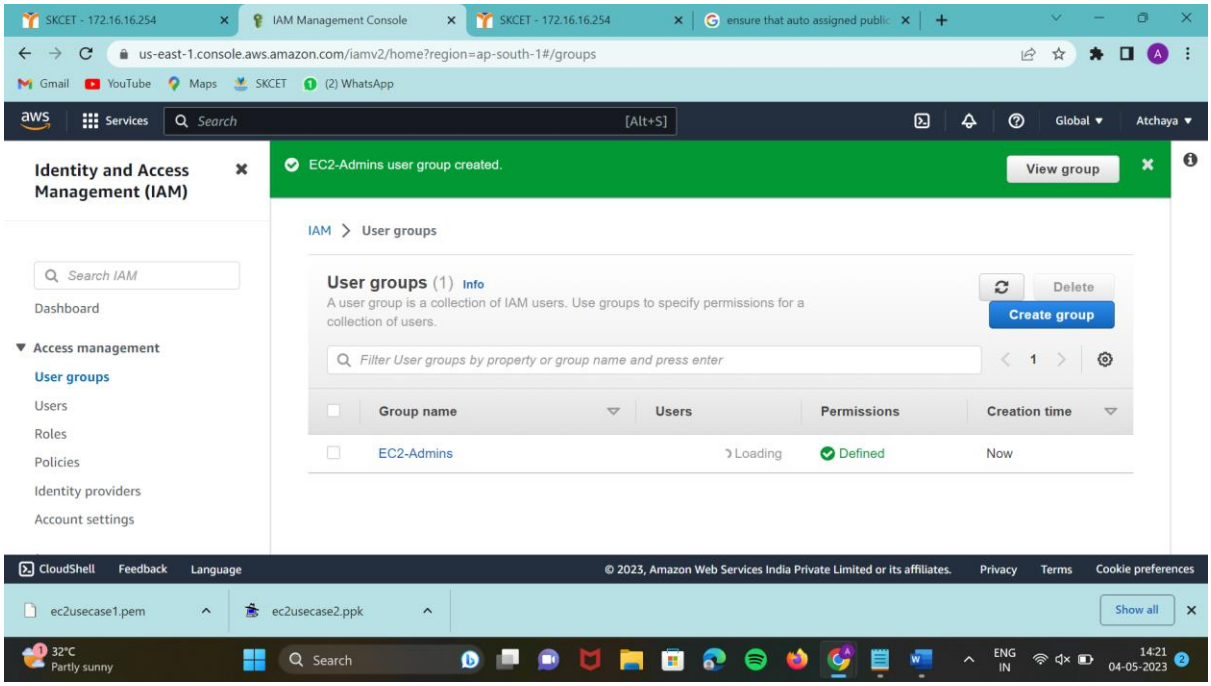
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
Madukkarai Road
Closed road
Search
ENG
IN
14:20
04-05-2023


SKCET - 172.16.16.254
IAM Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/groups
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Global
Atchaya
Identity and Access Management (IAM)
EC2-Admins user group created.
View group
IAM
User groups
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
User groups (1) Info
A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.
Delete
Create group
Filter User groups by property or group name and press enter
1
Group name
Users
Permissions
Creation time
EC2-Admins
Loading
Defined
Now
CloudShell
Feedback
Language
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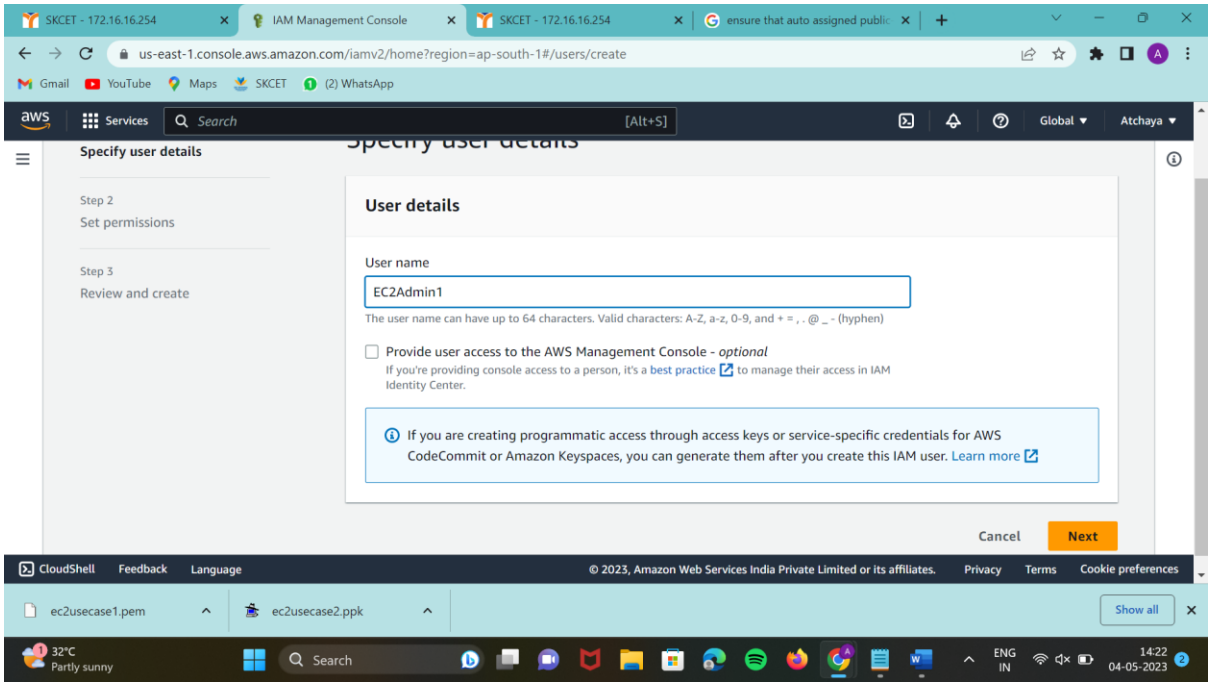
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:21
04-05-2023


SKCET - 172.16.16.254
IAM Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/users/create
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Global
Atchaya
Specify user details
Step 2
Set permissions
Step 3
Review and create
User details
User name
EC2Admin1
The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)
Provide user access to the AWS Management Console - optional
If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.
If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. Learn more
Cancel
Next
CloudShell
Feedback
Language
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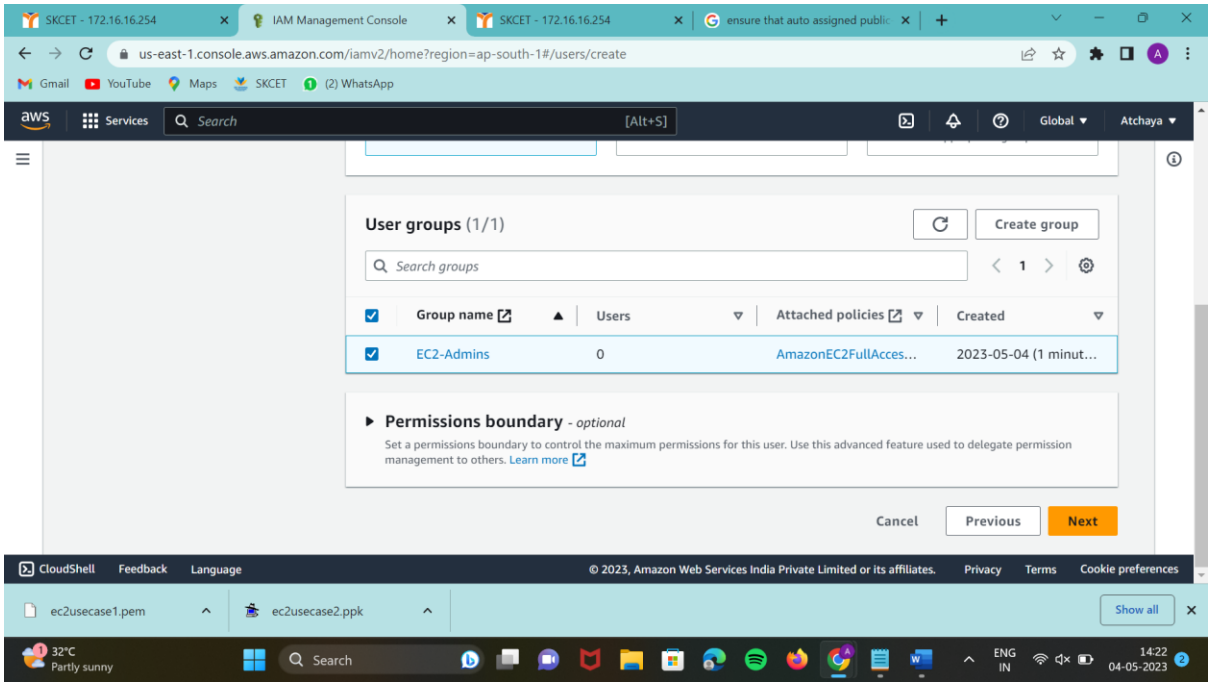
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:22
04-05-2023


SKCET - 172.16.16.254
IAM Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/users/create
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Global
Atchaya
User groups (1/1)
Create group
Search groups
1
Group name
Users
Attached policies
Created
EC2-Admins
0
AmazonEC2FullAcces...
2023-05-04 (1 minut...
Permissions boundary - optional
Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. Learn more
Cancel
Previous
Next
CloudShell
Feedback
Language
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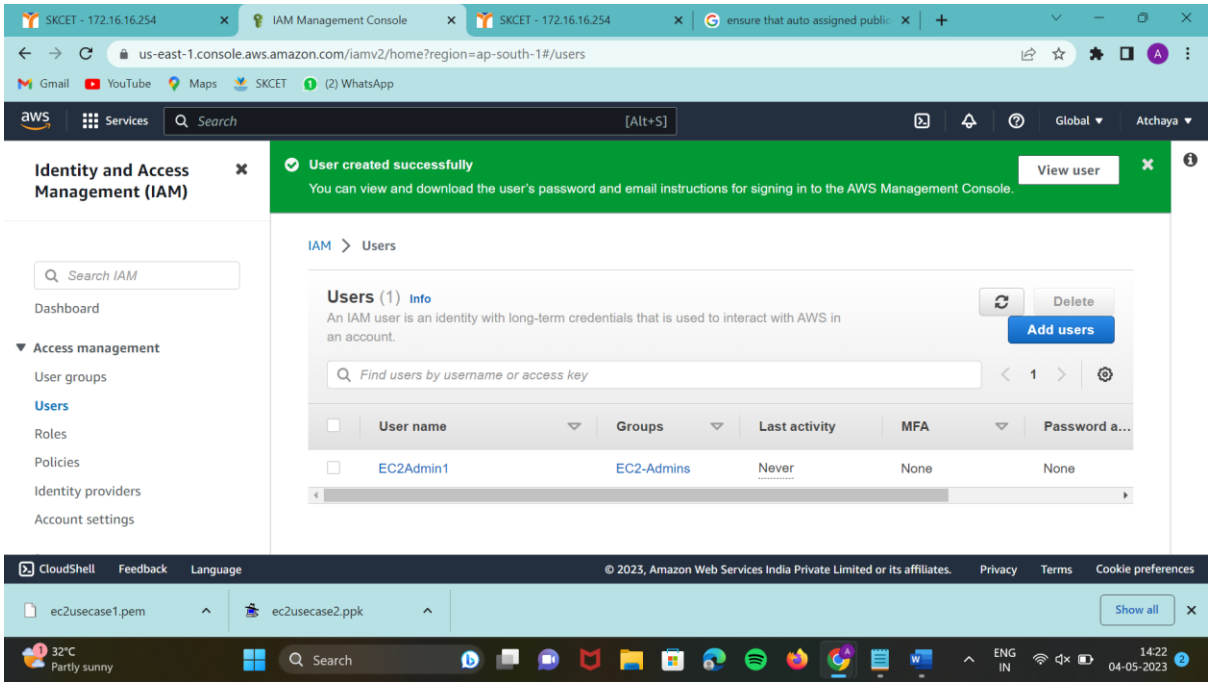
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:22
04-05-2023


SKCET - 172.16.16.254
IAM Management Console
SKCET - 172.16.16.254
ensure that auto assigned public
us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/users
Gmail
YouTube
Maps
SKCET
(2) WhatsApp
aws
Services
Search
[Alt+S]
Global
Atchaya
Identity and Access Management (IAM)
User created successfully
You can view and download the user's password and email instructions for signing in to the AWS Management Console.
View user
IAM > Users
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Users (1) Info
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.
Delete
Add users
Find users by username or access key
1
User name
Groups
Last activity
MFA
Password a...
EC2Admin1
EC2-Admins
Never
None
None
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
ec2usecase1.pem
ec2usecase2.ppk
Show all
32°C
Partly sunny
Search
ENG
IN
14:22
04-05-2023