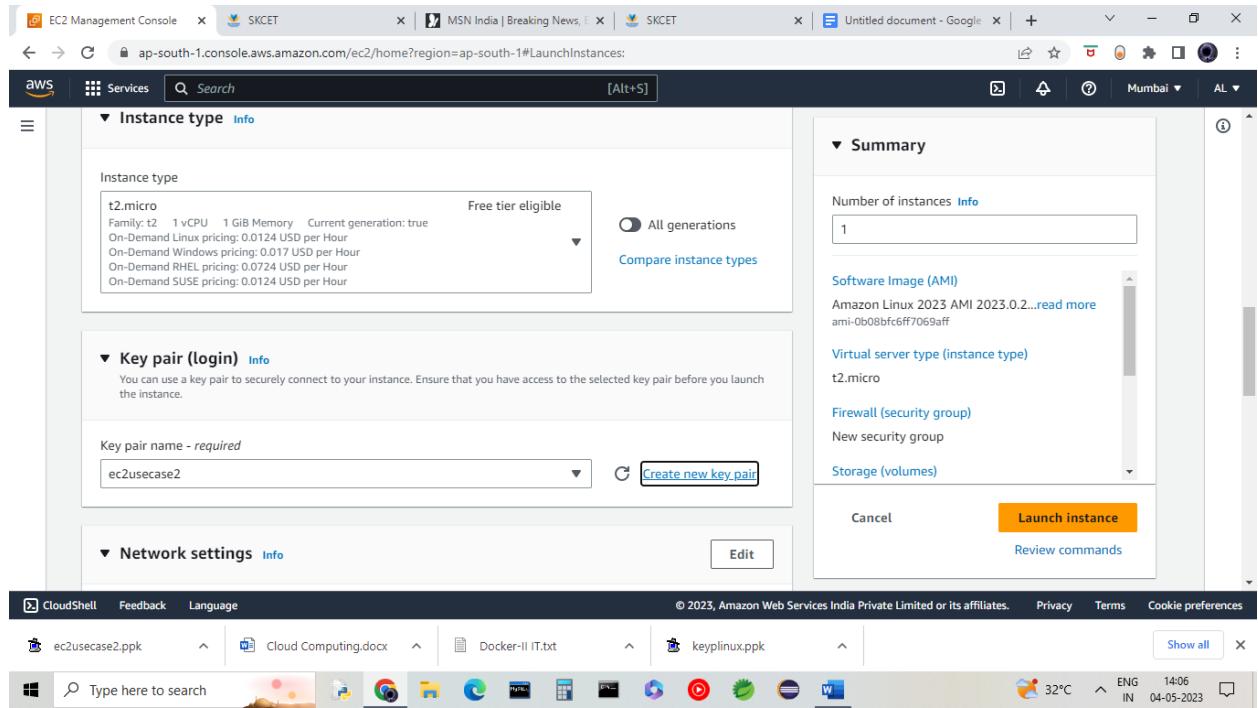


Rollno:727721EUIT005
Name:Aishwarya Lakshmi

1)



The screenshot shows a Windows desktop environment with several open windows:

- Top Taskbar:** Displays browser tabs for "EC2 Management Console", "SKCET", "MSN India | Breaking News", "SKCET", and "Untitled document - Google".
- EC2 Management Console Window:** The active window is titled "Launch an instance". It shows a "Success" message: "Successfully initiated launch of instance (i-04429c9eb56a4f5)". A "Launch log" link is present.
- Next Steps Section:** A list of actions:
 - Create billing and free tier usage alerts
 - Connect to your instance
 - Connect an RDS database
 - Create EBS snapshot policy
- Search Bar:** A search bar at the bottom of the screen with the placeholder "What would you like to do next with this instance, for example "create alarm" or "create backup"".
- Taskbar:** Shows pinned files ("Cloud Computing.docx", "Docker-II IT.txt", "keyplinux.ppk") and icons for File Explorer, File History, Task View, Taskbar settings, Start button, and a search bar.
- System Tray:** Shows the date (04-05-2023), time (14:07), temperature (32°C), language (ENG IN), and battery status.

Images | EC2 Management C x SKCET x MSN India | Breaking News, x Untitled document - Google x + - ×

aws Services Search [Alt+S] Mumbai AL

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

▼ Network & Security

Security Groups

Elastic IPs

CloudShell Feedback Language

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Show all

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AMI ID: ami-0ccf641584ad288ee

Details Permissions Storage Tags

AMI ID	Image type	Platform details	Root device type
ami-0ccf641584ad288ee	machine	Linux/UNIX	EBS

AMI name	Owner account ID	Architecture	Usage operation
ec2userimage	188833863881	x86_64	RunInstances

Root device name	Status	Source	Virtualization type
/dev/xvda	Pending	188833863881/ec2userimage	hvm

32°C ENG IN 14:16 04-05-2023

Successfully attached volume vol-0398ac7e17ae98685 to instance i-04429c9ebbe56a4f5.

Volumes (1/2)

Search

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
-	vol-0cc86974a9c2c5201	gp3	8 GiB	3000	125	snap-0e04d20...	2023/05/04
<input checked="" type="checkbox"/>	vol-0398ac7e17ae98685	gp2	10 GiB	100	-	-	2023/05/04

Volume ID: vol-0398ac7e17ae98685

Details Status checks Monitoring Tags

Volume ID	Size	Type	Volume status
vol-0398ac7e17ae98685	10 GiB	gp2	Okay

AWS Compute Optimizer finding	Volume state	IOPS	Throughput
Opt-in to AWS Compute Optimizer for recommendations. Learn more	In-use	100	-

Encryption	KMS key ID	KMS key alias	KMS key ARN
-	-	-	-

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32°C ENG IN 14:20 04-05-2023

EC2 Management Console | SKCET | MSN India | Breaking News, | SKCET | Untitled document - Google | + | - | X

← → ⌂ 🔒 ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-0acd5871b91d8637d

Services Search [Alt+S] Mumbai AL

EC2 > Security Groups > sg-0acd5871b91d8637d - launch-wizard-13 > Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Source <small>Info</small>	Description - optional <small>Info</small>
sgr-0dc50eb79dba9eda3	SSH	TCP	22	Custom	0.0.0.0/0 <small>X</small>

Add rule

Cancel Preview changes Save rules

https://ap-south-1.console.aws.amazon.com/console/home?region=ap-south-1 © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences Show all 32°C ENG IN 14:13 04-05-2023

2)

Launch an instance | EC2 Ma | SKCET | MSN India | Breaking News, | SKCET | Untitled document - Google | + | - | X

← → ⌂ 🔒 ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:

Services Search [Alt+S] Mumbai AL

Network settings Info

Network Info
vpc-0d3c6daee4105fb2

Subnet Info
No preference (Default subnet in any availability zone)

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

We'll create a new security group called 'launch-wizard-14' with the following rules:

- Allow RDP traffic from 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

Summary

Number of instances Info
1

Software Image (AMI)
Microsoft Windows Server 2022 ...read more ami-06c2ec1ceac22e8d6

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)

Cancel Launch instance Review commands

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Instances | EC2 Management SKCET MSN India | Breaking News, SKCET Untitled document - Google Mumbai AL

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EC2 Dashboard EC2 Global View Events Limits Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations Images CloudShell Feedback Language Show all ENG IN 32°C 14:25 04-05-2023

Instances (1/6) Info Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
myealca	i-09203a2579750a94f	Terminated	t2.micro	-	No alarms	+ ap-south-1b
ec2usecase2	i-04429c9eb56a4f5	Running	t2.micro	2/2 checks passed	No alarms	+ ap-south-1b
<input checked="" type="checkbox"/> ec2usecase1	i-0dfa075a8f9eb170b	Running	t2.micro	Initializing	No alarms	+ ap-south-1b

Instance: i-0dfa075a8f9eb170b (ec2usecase1)

Details Security Networking Storage Status checks Monitoring Tags

▶ Instance summary Info

▼ Instance details Info

Platform	AMI ID	Monitoring
windows	ami-06c2ec1ceac22e8d6	disabled
Platform details	AMI name	Termination protection
Windows	Windows_Server-2022-English-Full-Base-	Disabled

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EC2 Management Console SKCET MSN India | Breaking News, SKCET Untitled document - Google Mumbai AL

EC2 > Security Groups > sg-053d4b313d93e4203 - launch-wizard-14 > Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules Info

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-0dcbb1996a8f827ec	RDP	TCP	3389	Custom	0.0.0.0/0

Add rule Delete Cancel Preview changes Save rules

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3)

Screenshot of the AWS IAM Management Console showing the creation of a new User Group named "S3Admin1".

The "Attach permissions policies - Optional" section shows the selection of AWS managed policies:

Policy name	Type	Description
AmazonEC2FullAccess	AWS managed	Provides full access
AmazonEC2ReadOnlyAccess	AWS managed	Provides read only access
AmazonEC2RoleforDataPipelineRole	AWS managed	Default policy for the Data Pipeline service
AmazonEC2ContainerServiceforEC2Role	AWS managed	Default policy for the Amazon EC2 Container Service

Below, another "Attach permissions policies - Optional" section shows the selection of AWS managed policies:

Policy name	Type	Description
AutoScalingNotificationAccessRole	AWS managed	Default policy for the Auto Scaling service
AmazonElasticMapReduceforAutoScalingRole	AWS managed	Amazon Elastic Map Reduce role for Auto Scaling
AutoScalingFullAccess	AWS managed	Provides full access
AutoScalingReadOnlyAccess	AWS managed	Provides read-only access
AutoScalingConsoleFullAccess	AWS managed	Provides full access to the Auto Scaling console
AutoScalingConsoleReadOnlyAccess	AWS managed	Provides read-only access to the Auto Scaling console
ApplicationAutoScalingForAmazonAppStreamAccess	AWS managed	Policy to enable Application Auto Scaling for Amazon App Stream

Both sections have a "Create policy" button at the top right.

Screenshot of the AWS IAM Management Console showing the creation of a user group.

User Groups:

Group name	Users	Permissions	Creation time
EC2-Admins	Loading	Defined	Now
Network-L1-Team	Loading	Loading	22 hours ago
S3-Admins	Loading	Loading	8 days ago

Users:

User name	Groups	Last activity	MFA	Password a...	Active
EC2Admin1	EC2-Admins	Never	None	None	-
S3Admin1	None	7 days ago	None	7 days ago	-