

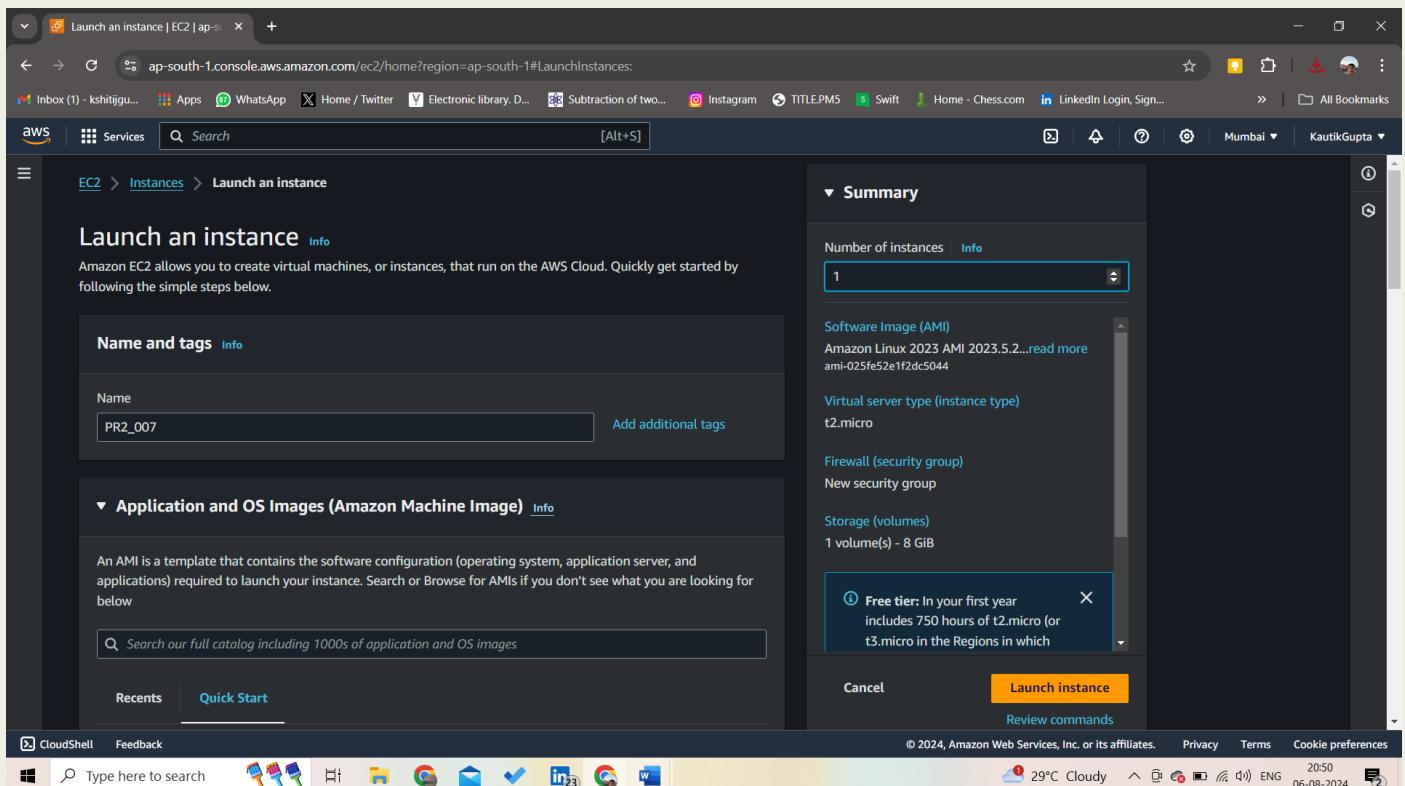
NAME: KSHITIJ GUPTA

Enrolment Number: 21162101007

Sub: CCE

Practical – 2[Batch-71]

- Create an Amazon EBS volume



Launch an instance | EC2 | ap-south-1

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

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aws Services Search [Alt+S]

On-Demand RHEL base pricing: 0.0268 USD per Hour
On-Demand SUSE base pricing: 0.0124 USD per Hour

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 PR2_007 Create new key pair

▼ Network settings Info

Network Info vpc-075f109655381d042

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

Auto-assign public IP Info Enable Additional charges apply when outside of free tier allowance

Number of instances Info 1

Software Image (AMI) Amazon Linux 2023 AMI 2023.5.2...read more ami-025fe52e1f2dc5044

Virtual server type (instance type) t2.micro

Firewall (security group) New security group

Storage (volumes) 1 volume(s) - 8 GiB

ⓘ Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which you launch)

Cancel Launch instance Review commands

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Launch an instance | EC2 | ap-south-1

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

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aws Services Search [Alt+S]

Enable Additional charges apply when outside of free tier allowance

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-2' with the following rules:

Allow SSH traffic from Anywhere 0.0.0.0/0 Helps you connect to your instance

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. X

▼ Configure storage Info Advanced

1x 8 GiB gp3 Root volume (Not encrypted)

Number of instances Info 1

Software Image (AMI) Amazon Linux 2023 AMI 2023.5.2...read more ami-025fe52e1f2dc5044

Virtual server type (instance type) t2.micro

Firewall (security group) New security group

Storage (volumes) 1 volume(s) - 8 GiB

ⓘ Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which you launch)

Cancel Launch instance Review commands

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Launch an instance | EC2 | ap-south-1

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

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aws Services Search [Alt+S]

EC2 Instances Launch an instance

Success Successfully initiated launch of instance (i-0ada6d7fb38eaa955)

▶ Launch log

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

Create a new RDS database

Learn more

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

Create EBS snapshot policy

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Launch an instance | EC2 | ap-south-1 Instances | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instancesv=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

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aws Services Search [Alt+S]

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 Elastic Block Store Volumes Snapshots Lifecycle Manager

Instances (1/2) Info

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
PR2_007	i-078c013ba5bb9a884	Running	t2.micro	Initializing	View alarms +	ap-south-1b	ec2-65-0-1
PR2_007	i-0ada6d7fb38eaa955	Terminated	t2.micro	-	View alarms +	ap-south-1b	-

i-078c013ba5bb9a884 (PR2_007)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-078c013ba5bb9a884 (PR2_007)

Public IPv4 address: 65.0.106.11 | open address

Private IP4 addresses: 172.31.12.80

IPv6 address: -

Instance state: Running

Private IP DNS name (IPv4 only):

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Volumes (1/2) Info

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID
-	vol-084d87c9789c95f7b	gp3	8 GiB	3000	125	snap-0bd0
<input checked="" type="checkbox"/>	vol-0df9489f3788233a5	gp2	2 GiB	100	-	

Actions ▾ Create volume

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume
- Detach volume
- Force detach volume
- Manage auto-enabled I/O
- Manage tags
- Fault injection

Volume ID: vol-0df9489f3788233a5

Details	Status checks	Monitoring	Tags
Volume ID vol-0df9489f3788233a5	Size 2 GiB	Type gp2	Volume status Okay
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	Volume state Available	IOPS 100	Throughput -
Fast snapshot restored No	Availability Zone ap-south-1a	Created Tue Aug 06 2024 21:11:39 GMT+0530 (India Standard Time)	Multi-Attach enabled No

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- Create An EBS Volume

Volumes (1) Info

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
-	vol-084d87c9789c95f7b	gp3	8 GiB	3000	125	snap-0bd0065...	2024/08/06 20:59 GMT+5:30

Fault tolerance for all volumes in this Region

Snapshot summary Last updated on Tue, Aug 06, 2024, 09:04:40 PM (GMT+05:30)

Recently backed up volumes / Total # volumes
0 / 1

Data Lifecycle Manager default policy for EBS Snapshots status
No default policy set up | Create policy

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Launch an instance | EC2 | Create volume | EC2 | ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateVolume: CloudShell Feedback

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EC2 Services Search [Alt+S]

Create volume (1)

Create volume Info

Create an Amazon EBS volume to attach to any EC2 instance in the same Availability Zone.

Volume settings

Volume type Info
General Purpose SSD (gp2)

Size (GiB) Info
2
Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS Info
100 / 3000
Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s) Info
Not applicable

Availability Zone Info
ap-south-1b

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Launch an instance | Volumes | EC2 | ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes: CloudShell Feedback

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aws Services Search [Alt+S]

Successfully attached volume vol-030404a635eeb454e to instance i-078c013ba5bb9a884.

Volumes (2) Info

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
-	vol-084d87c9789c95f7b	gp3	8 GiB	3000	125	snap-0bd0065...	2024/08/06 20:59 GMT+5:30
-	vol-030404a635eeb454e	gp2	2 GiB	100	-	-	2024/08/06 21:45 GMT+5:30

Fault tolerance for all volumes in this Region

Snapshot summary Last updated on Tue, Aug 06, 2024, 09:53:55 PM (GMT+05:30)

Recently backed up volumes / Total # volumes	Data Lifecycle Manager default policy for EBS Snapshots status
0 / 2	No default policy set up Create policy

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Launch an instance | Attach volume | EC2 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#AttachVolume:volumeid=vol-030404a635eeb454e

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aws Services Search [Alt+S]

Basic details

Volume ID: vol-030404a635eeb454e

Availability Zone: ap-south-1b

Instance: i-078c013ba5bb9a884

Device name: /dev/sdb

Only instances in the same Availability Zone as the selected volume are displayed.

Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdः internally, even when the device name entered here (and shown in the details) is /dev/sdf through /dev/sdp.

Cancel Attach volume

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Launch an instance | Volumes | EC2 | ap-s... | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes:

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aws Services Search [Alt+S]

Volumes (2) Info

Successfully attached volume vol-030404a635eeb454e to instance i-078c013ba5bb9a884.

Volume ID	Created	Availability Zone	Volume state	Alarm status	Attached resources	Volume state	Encryption
d0065...	2024/08/06 20:59 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...)	Okay	Not encry
	2024/08/06 21:45 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...)	Okay	Not encry

Fault tolerance for all volumes in this Region

Snapshot summary

Recently backed up volumes / Total # volumes: 0 / 2

Last updated on Tue, Aug 06, 2024, 09:53:55 PM (GMT+05:30)

Data Lifecycle Manager default policy for EBS Snapshots status: No default policy set up | Create policy

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Earnings upcoming 21:56 06-08-2024

- Create a snapshot of your volume

The screenshot shows the AWS EC2 Volumes page. A success message at the top states: "Successfully attached volume vol-030404a635eeb454e to instance i-078c013ba5bb9a884." In the "Actions" dropdown menu, the "Create snapshot" option is highlighted. The main table lists two volumes: one gp3 type (8 GiB) and one gp2 type (2 GiB). The gp2 volume has a checked checkbox. Below the table, a detailed view for the selected gp2 volume is shown, including its ID, size, type, and status.

The screenshot shows the "Create Snapshot" page for the selected volume. The "Source volume" section displays the volume ID and availability zone. The "Snapshot details" section includes a "Description" field containing "PR2_Testing". The "Encryption" section indicates "Not encrypted". The "Tags" section shows no existing tags and provides an "Add tag" button. The bottom of the page includes standard browser navigation and search bars.

Launch an instance | Volumes | EC2 | ap-south-1 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes:

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EC2 Dashboard Services Search [Alt+S] Manage fast snapshot restore X i

Successfully created snapshot snap-01a0efd399d3a1192 from volume vol-030404a635eeb454e. If you need your snapshot to be immediately available consider using Fast Snapshot Restore.

Volumes (2) info Actions Create volume

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
-	vol-084d87c9789c95f7b	gp3	8 GiB	3000	125	snap-0bd0065...	2024/08/06 20:59 GMT+5...
-	vol-030404a635eeb454e	gp2	2 GiB	100	-	snap-01a0efd399d3a1192	2024/08/06 21:45 GMT+5...

Fault tolerance for all volumes in this Region

Snapshot summary Last updated on Tue, Aug 06, 2024, 09:53:55 PM (GMT+05:30)

Recently backed up volumes / Total # volumes 0 / 2 Data Lifecycle Manager default policy for EBS Snapshots status No default policy set up | Create policy

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Launch an instance | Snapshots | EC2 | ap-south-1 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Snapshots:

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EC2 Dashboard Services Search [Alt+S] Recycle Bin Actions Create snapshot X i

Snapshots (1/1) info Owned by me Search

Name	Snapshot ID	Volume size	Description	Storage tier	Snapshot status	Started
-	snap-01a0efd399d3a1192	2 GiB	PR2_Testing	Standard	Pending	2024/08/06 21:58 GMT+5...

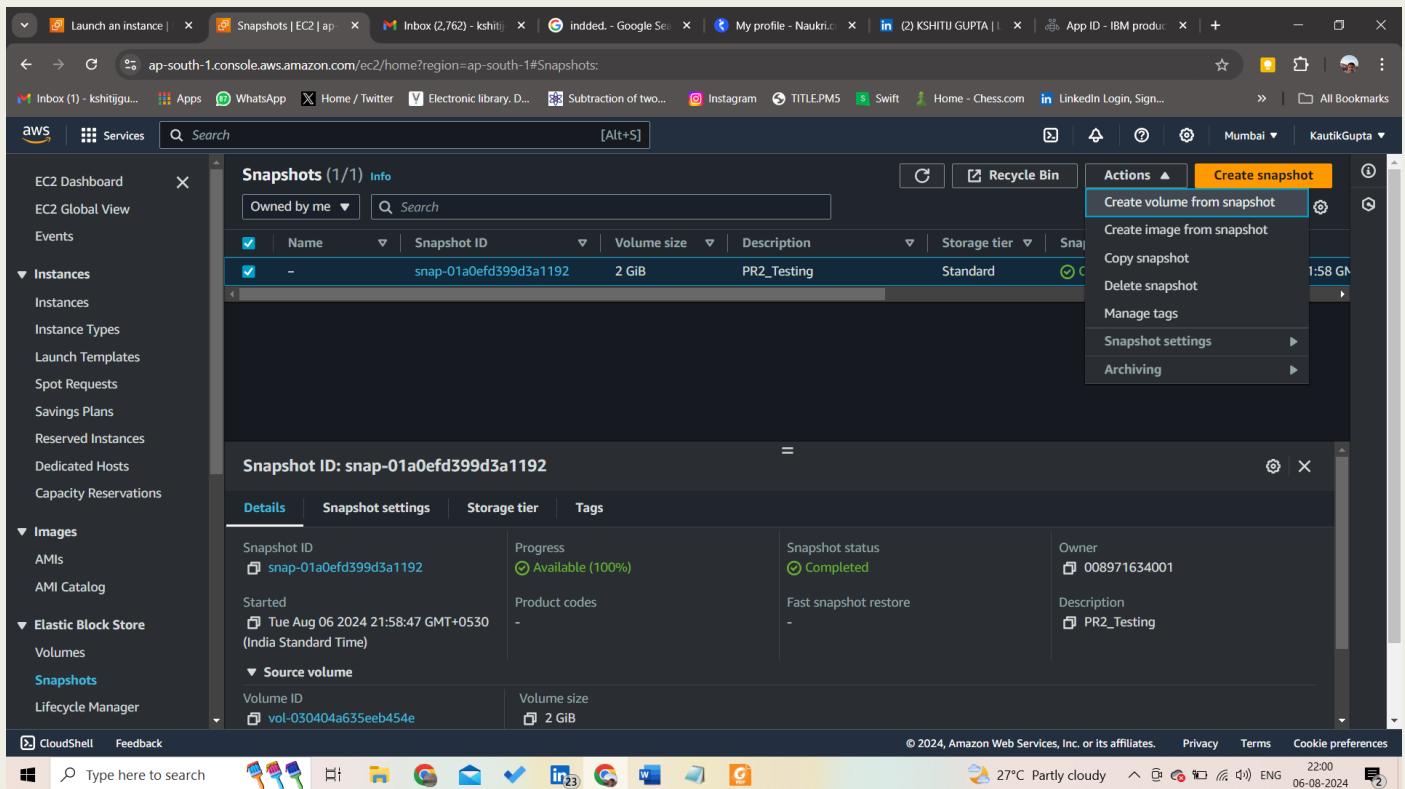
Snapshot ID: snap-01a0efd399d3a1192

Details Snapshot settings Storage tier Tags

Snapshot ID snap-01a0efd399d3a1192	Progress Unavailable 99%	Snapshot status Pending	Owner 008971634001
Started Tue Aug 06 2024 21:58:47 GMT+0530 (India Standard Time)	Product codes -	Fast snapshot restore -	Description PR2_Testing
Source volume		Volume ID Volume size	

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- Create a new volume from your snapshot



Snapshots (1/1) Info

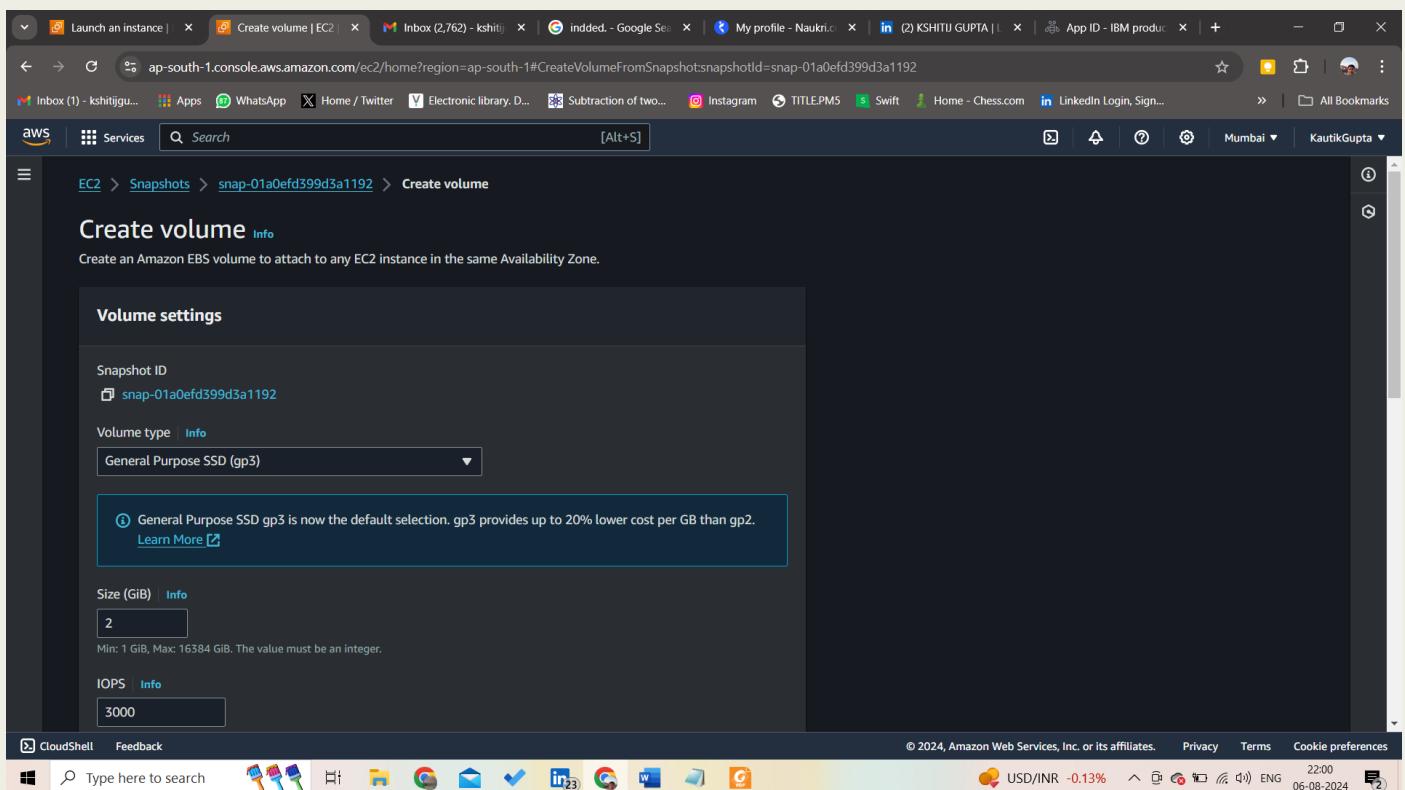
Name	Snapshot ID	Volume size	Description	Storage tier	Snapshot status
-	snap-01a0efd399d3a1192	2 GiB	PR2_Testing	Standard	Available (100%)

Actions

- Create snapshot
- Create volume from snapshot**
- Create image from snapshot
- Copy snapshot
- Delete snapshot
- Manage tags
- Snapshot settings
- Archiving

Snapshot ID: snap-01a0efd399d3a1192

Details	Snapshot settings	Storage tier	Tags
Snapshot ID snap-01a0efd399d3a1192	Progress Available (100%)	Snapshot status Completed	Owner 008971634001
Started Tue Aug 06 2024 21:58:47 GMT+0530 (India Standard Time)	Product codes -	Fast snapshot restore -	Description PR2_Testing
Source volume			
Volume ID vol-030404a635eeb454e	Volume size 2 GiB		



EC2 > Snapshots > snap-01a0efd399d3a1192 > Create volume

Create volume Info

Create an Amazon EBS volume to attach to any EC2 instance in the same Availability Zone.

Volume settings

Snapshot ID
snap-01a0efd399d3a1192

Volume type Info
General Purpose SSD (gp3)

General Purpose SSD gp3 is now the default selection. gp3 provides up to 20% lower cost per GB than gp2.
[Learn More](#)

Size (GiB) Info
2

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS Info
3000

Launch an instance | Create volume | EC2 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product

Encryption
Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.
 Encrypt this volume

Tags - optional info
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.

No tags associated with the resource.
[Add tag](#)
You can add 50 more tags.

Snapshot summary

Click refresh to view backup information
The volume type that you select and the tags that you assign determine whether the volume will be backed up by any Data Lifecycle Manager policies.

[Cancel](#) [Create volume](#)

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Snapshots (1/1) info
Owned by me

Name	Snapshot ID	Volume size	Description	Storage tier	Snapshot status	Started
-	snap-01a0efd399d3a1192	2 GiB	PR2_Testing	Standard	Completed	2024/08/06 21:58 GMT

Snapshot ID: snap-01a0efd399d3a1192

[Details](#) [Snapshot settings](#) [Storage tier](#) [Tags](#)

Snapshot ID snap-01a0efd399d3a1192	Storage tier Standard	Archive completed on -	Temporary restore expires on -
Volume ID vol-030404a635eeb454e	Tiering status -	Last tier change started on -	Tier change progress -

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Launch an instance | Volumes | EC2 | ap-south-1 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes:

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EC2 Dashboard Services Search [Alt+S] Actions Create volume

Volumes (1/3) Info

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
-	vol-084d87c9789c95f7b	gp3	8 GiB	3000	125	snap-0bd0065...	2024/08/06 20:59 GMT+5:...
-	vol-030404a635eeb454e	gp2	2 GiB	100	-	-	2024/08/06 21:45 GMT+5:...
<input checked="" type="checkbox"/>	vol-07206d4e27561b8a8	gp3	2 GiB	3000	125	snap-01a0efd...	2024/08/06 22:01 GMT+5:...

Volume ID: vol-07206d4e27561b8a8

Details Status checks Monitoring Tags

Volume ID vol-07206d4e27561b8a8	Size 2 GiB	Type gp3	Volume status Okay
AWS Compute Optimizer finding Opt-in to AWS Compute Optimizer for recommendations. Learn more	Volume state Available	IOPS 3000	Throughput 125
Fast snapshot restored No	Availability Zone ap-south-1b	Created Tue Aug 06 2024 22:01:04 GMT+0530 (India Standard Time)	Multi-Attach enabled No

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- Attach and mount your volume to an EC2 instance

The screenshot shows the AWS Management Console with the Volumes page open. The left sidebar includes options like EC2 Dashboard, Instances, and Elastic Block Store. The main area displays a table of volumes, with one volume selected. A context menu is open over this selected volume, and the option 'Attach volume' is highlighted with a blue box.

Created	Availability Zone	Volume state	Alarm status	Attached resources	Volume ID
2024/08/06 20:59 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...)	vol-07206d4e27561b8a8
2024/08/06 21:45 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...)	
2024/08/06 22:01 GMT+5:30	ap-south-1b	Available	No alarms	-	

The screenshot shows the 'Attach volume' wizard step 1: Basic details. It displays the selected volume (vol-07206d4e27561b8a8) and instance (i-078c013ba5bb9a884). It also shows the recommended device name (/dev/sdc) and a note about Linux kernel renames.

Basic details

Volume ID: vol-07206d4e27561b8a8
Availability Zone: ap-south-1b
Instance: i-078c013ba5bb9a884
Device name: /dev/sdc

Only instances in the same Availability Zone as the selected volume are displayed.

Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name entered here (and shown in the details) is /dev/sdf through /dev/sdp.

Launch an instance | Volumes | EC2 | ap-south-1 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes:

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EC2 Dashboard Services Search [Alt+S]

Successfully attached volume vol-07206d4e27561b8a8 to instance i-078c013ba5bb9a884.

Volumes (3) Info Actions Create volume

ID	Created	Availability Zone	Volume state	Alarm status	Attached resources	Volume state	Encrypt
0bd0065...	2024/08/06 20:59 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...	Okay	Not enc
01a0efd...	2024/08/06 21:45 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...	Okay	Not enc
01a0efd...	2024/08/06 22:01 GMT+5:30	ap-south-1b	In-use	No alarms	i-078c013ba5bb9a884 (PR...	Insufficient data	Not enc

Fault tolerance for all volumes in this Region

Snapshot summary Last updated on Tue, Aug 06, 2024, 09:53:55 PM (GMT+05:30)

Recently backed up volumes / Total # volumes 0 / 2 Data Lifecycle Manager default policy for EBS Snapshots status No default policy set up | Create policy

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- Coping Snapshot

Snapshots (1/1) Info

Name	Snapshot ID	Volume size	Description	Storage tier	Snaps
-	snap-01a0efd399d3a1192	2 GiB	PR2_Testing	Standard	1:58 GN

Actions

- Create snapshot
- Create volume from snapshot
- Create image from snapshot
- Copy snapshot**
- Delete snapshot
- Manage tags
- Snapshot settings
- Archiving

Snapshot ID: snap-01a0efd399d3a1192

Details	Snapshot settings	Storage tier	Tags
Snapshot ID snap-01a0efd399d3a1192	Progress Available (100%)	Snapshot status Completed	Owner 008971634001
Started Tue Aug 06 2024 21:58:47 GMT+0530 (India Standard Time)	Product codes -	Fast snapshot restore -	Description PR2_Testing
Source volume		Volume size 2 GiB	
Volume ID vol-030404a635eeb454e			

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Copy snapshot info

Copy a snapshot from one AWS Region to another, or within the same Region.

Source snapshot

The original snapshot that is to be copied.

Snapshot ID snap-01a0efd399d3a1192	Region ap-south-1
---------------------------------------	----------------------

Snapshot copy details

Description
A description for the snapshot copy.
[Copied snap-01a0efd399d3a1192 from ap-south-1] PR2_Testing
255 characters maximum.

Destination Region
The Region in which to create the snapshot copy.
ap-south-1

Encryption | Info
Use Amazon EBS encryption as an encryption solution for your EBS resources.
 Encrypt this snapshot

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Launch an instance | Copy snapshot | EC2 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CopySnapshots:snapshotId=snap-01a0efd399d3a1192

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Description
A description for the snapshot copy.
[Copied snap-01a0efd399d3a1192 from ap-south-1] PR2_Testing
255 characters maximum.

Destination Region
The Region in which to create the snapshot copy.
ap-south-1

Encryption Info
Use Amazon EBS encryption as an encryption solution for your EBS resources.
 Encrypt this snapshot

Tags - optional Info
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.

No tags associated with the resource.

Add tag
You can add 50 more tags.

Cancel **Copy snapshot**

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Snapshots (2) Info

Successfully created snapshot copy snap-0012e13450aab134d.

Owned by me	Name	Snapshot ID	Volume size	Description	Storage tier	Snapshot status	Started
	-	snap-0012e13450aab134d	2 GiB	[Copied snap-01a0efd399d3a1192 from ap-south-1] PR2_Testing	Standard	Completed	2024/08/06 22:06 GMT
	-	snap-01a0efd399d3a1192	2 GiB	PR2_Testing	Standard	Completed	2024/08/06 21:58 GMT

Select a snapshot above.

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- How to create AMI from EC2

The screenshot shows the AWS EC2 Instances page. On the left, there's a navigation sidebar with options like EC2 Dashboard, EC2 Global View, Events, Instances (selected), Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), and Elastic Block Store (Volumes, Snapshots, Lifecycle Manager). The main area displays one instance: PR2_007 (i-078c013ba5bb9a884). The instance is running, has an instance type of t2.micro, and is in the ap-south-1 region. A context menu is open over the instance, with 'Create image' highlighted under the 'Actions' dropdown. The status bar at the bottom shows the date as 06-08-2024.

The screenshot shows the 'Create image' wizard. Step 1: Create image. It asks for the Instance ID (i-078c013ba5bb9a884), Image name (PR2_007), and Image description (Testing). A 'No reboot' checkbox is checked. The status bar at the bottom shows the date as 06-08-2024.

Launch an instance | Create Image | EC2 | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateImage:instancetype=i-078c013ba5bb9a884

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Enable

Instance volumes

Storage type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination	Encrypted
EBS	/...	Create new snap...	8	EBS General Pur...	3000		<input checked="" type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable
EBS	/...	Create new snap...	2	EBS General Pur...	100		<input checked="" type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable
EBS	/...	Create new snap...	2	EBS General Pur...	100	125	<input checked="" type="checkbox"/> Enable	<input checked="" type="checkbox"/> Enable

Add volume

During the image creation process, Amazon EC2 creates a snapshot of each of the above volumes.

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.

Tag image and snapshots together Tag the image and the snapshots with the same tag.

Tag image and snapshots separately Tag the image and the snapshots with different tags.

No tags associated with the resource.

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Launch an instance | Instances | EC2 | ap-s... | Inbox (2,762) - kshitij | indded. - Google Sheets | My profile - Naukri.com | (2) KSHITIJ GUPTA | App ID - IBM product

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instancesv3:\$case=tagstrue%5C-clientfalse:\$regex=tags:false%5C-clientfalse

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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

Elastic Block Store Volumes Snapshots Lifecycle Manager

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Currently creating AMI ami-0d9cfb653cd08dd1f from instance i-078c013ba5bb9a884. Check that the AMI status is 'Available' before deleting the instance or carrying out other actions related to this AMI.

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
PR2_007	i-078c013ba5bb9a884	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1b	ec2-65-0-1

i-078c013ba5bb9a884 (PR2_007)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-078c013ba5bb9a884 (PR2_007)

Public IPv4 address: 65.0.106.11 | open address

Private IP4 addresses: 172.31.12.80

IPv6 address: -

Instance state: Running

Public IPv4 DNS: ec2-65-0-106-11.ap-south-1.compute.amazonaws.com | open address

Hostname type: -

Private IP DNS name (IPv4 only): -

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Screenshot of the AWS EC2 console showing the AMI list. The selected AMI is PR2_007.

Name	AMI ID	Source	Owner	Visibility
PR2_007	ami-0d9cfb653cd08dd1f	008971634001/PR2_007	008971634001	Private

AMI ID: ami-0d9cfb653cd08dd1f

Details	Permissions	Storage	Tags
AMI ID ami-0d9cfb653cd08dd1f	Image type machine	Platform details Linux/UNIX	Root device type EBS
AMI name PR2_007	Owner account ID 008971634001	Architecture x86_64	Usage operation RunInstances
Root device name /dev/xvda	Status Pending	Source 008971634001/PR2_007	Virtualization type hvm
Boot mode	State reason	Creation date	Kernel ID

Screenshot of the AWS EC2 console showing the launch instance wizard.

following the simple steps below.

Name and tags

Name: PR2_007

Application and OS Images (Amazon Machine Image)

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

AMI from catalog Recents My AMIs Quick Start

Name: PR2_007
Description: Testing

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Summary

Number of instances: 1

Software Image (AMI)
Testing
ami-0d9cfb653cd08dd1f

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
3 volume(s) - 12 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro) in the Regions in which you launch instances

Cancel Launch instance Review commands

- How to copy AMI into another Account and Recreate EC2

The screenshot shows the 'Copy Amazon Machine Image (AMI)' configuration page. The 'Original AMI ID' is set to 'ami-0d9cfb653cd08dd1f'. The 'AMI copy name' is 'PR2_007'. The 'AMI copy description' is '[Copied ami-0d9cfb653cd08dd1f from ap-south-1] PR2_007'. Under 'Destination Region', 'Mumbai (Asia Pacific)' is selected. There are two optional checkboxes: 'Copy tags' (unchecked) and 'Encrypt EBS snapshots of AMI copy' (unchecked). The bottom right corner of the page shows the copyright notice '© 2024, Amazon Web Services, Inc. or its affiliates.' and various navigation links.

The screenshot shows the 'AMI copy description' field containing '[Copied ami-0d9cfb653cd08dd1f from ap-south-1] PR2_007'. Below it, the 'Destination Region' dropdown is open, displaying a list of regions. The 'Asia Pacific (Mumbai)' region is selected. A tooltip indicates that users can use tags to search and filter. At the bottom of the dropdown, there are 'Cancel' and 'Copy AMI' buttons. The bottom right corner of the page shows the copyright notice '© 2024, Amazon Web Services, Inc. or its affiliates.' and various navigation links.

AMI copy operation for ami-0d9cfb653cd08dd1f initiated

It can take a few minutes for the AMI to be copied. You can check the progress of the operation in the AMI table in ap-south-1. The AMI ID of the new AMI is ami-0db548de31212233c.

Amazon Machine Images (AMIs) (1/2) info

Owned by me

Name	AMI name	AMI ID	Source	Owner	Visibility
PR2_007	ami-0d9cfb653cd08dd1f	008971634001/PR2_007	008971634001	Private	
	-	ami-0db548de31212233c	-	008971634001	Private

AMI ID: ami-0d9cfb653cd08dd1f

Details **Permissions** **Storage** **Tags**

AMI ID <input type="button" value="ami-0d9cfb653cd08dd1f"/>	Image type machine	Platform details Linux/UNIX	Root device type EBS
AMI name <input type="button" value="PR2_007"/>	Owner account ID <input type="button" value="008971634001"/>	Architecture x86_64	Usage operation RunInstances
Root device name <input type="button" value="/dev/xvda"/>	Status Available	Source <input type="button" value="008971634001/PR2_007"/>	Virtualization type hvm
Boot mode	State reason	Creation date	Kernel ID

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AMI copy operation for ami-0d9cfb653cd08dd1f initiated

It can take a few minutes for the AMI to be copied. You can check the progress of the operation in the AMI table in ap-south-1. The AMI ID of the new AMI is ami-0db548de31212233c.

Amazon Machine Images (AMIs) (1/2) info

Owned by me

Name	AMI name	AMI ID	Source	Owner	Visibility
PR2_007	ami-0db548de31212233c	008971634001/PR2_007	008971634001	Private	
PR2_007	ami-0d9cfb653cd08dd1f	008971634001/PR2_007	008971634001	Private	

AMI ID: ami-0db548de31212233c

Details **Permissions** **Storage** **Tags**

Root device name <input type="button" value="/dev/xvda"/>	Status Pending	Source <input type="button" value="008971634001/PR2_007"/>	Virtualization type hvm
Boot mode uefi-preferred	State reason -	Creation date <input type="button" value="Tue Aug 06 2024 22:14:14 GMT+0530 (India Standard Time)"/>	Kernel ID -
Description <input type="button" value="Copied ami-0d9cfb653cd08dd1f from ap-south-1 at 008971634001/PR2_007"/>	Product codes -	RAM disk ID -	Deprecation time -

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Launch an instance | Images | EC2 | ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Images;visibility=owned-by-me

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EC2 Dashboard Services Search [Alt+S]

Amazon Machine Images (AMIs) (1/2)

Owned by me Find AMI by attribute or tag

Owner	Visibility	Status	Creation date	Platform
008971634001	Private	Pending	2024/08/06 22:14 GMT+5:30	Linux/UNIX
008971634001	Private	Available	2024/08/06 22:10 GMT+5:30	Linux/UNIX

AMI ID: ami-0db548de31212233c

Root device name	Status	Source	Virtualization type
/dev/xvda	Pending	008971634001/PR2_007	hvm
Boot mode	State reason	Creation date	Kernel ID
uefi-preferred	-	Tue Aug 06 2024 22:14:14 GMT+0530 (India Standard Time)	-
Description	Product codes	RAM disk ID	Deprecation time
[Copied ami-0d9cfb653cd08dd1f from ap-south-1 PR2_007]	-	-	-

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