

**Name and tags**

Name: mumbai

**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

**Key pair name - required**

myprivatekey

**Network**

vpc-06f405c2a337e0f4

**Subnet**

No preference (Default subnet in any availability zone)

Auto-assign public IP

Enable

**Firewall (security groups)**

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-25' with the following rules:

The screenshot shows the AWS EC2 Management Console interface. The user is configuring storage for a new instance. A warning message at the top right states: "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." Below this, the "Configure storage" section is visible, showing:

- 1x 8 GiB gp2 Root volume (Not encrypted)
- 1x 3 GiB gp3 EBS volume (Not encrypted) with a "Remove" button

A tooltip indicates: "Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage". There is also a "Add new volume" button and an "Edit" link.

At the bottom of the storage configuration, it says "0 x File systems".

Below the storage configuration, the main EC2 dashboard is shown with the title "Instances (1) Info". It lists one instance named "virginia" with Instance ID "i-0e6a7872582c62e4f", which is "Running". The instance type is "t2.micro" and it has "2/2 checks passed" with "No alarms".

The left sidebar shows navigation links for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances (selected), Instances Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, and Capacity Reservations.

The bottom of the screen shows the Windows taskbar with the Start button, search bar, and system tray.

Screenshot of the AWS EC2 Management Console showing the Instances page. The instance **i-0bdecdf333fc4ee80** (mumbai) is selected. The instance has two volumes attached:

Volume ID	Device Name	Volume Size (GiB)	Attachment Status	Attachment Time
vol-016dcdb207cc76c623	/dev/xvda	8	Attached	Sat Dec 03 2022 22:47:53 G...
vol-09e4cc7ece5863766	/dev/sdb	3	Attached	Sat Dec 03 2022 22:47:53 G...

The screenshot also shows the Windows taskbar at the bottom.

**EC2 Instance Connect** session output:

```
[ec2-user@ip-172-31-39-125 ~]$ sudo su -
[ec2-user@ip-172-31-39-125 ~]# fdisk -l
Disk /dev/xvda: 8 GiB, 8589934592 bytes, 16777216 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: gpt
Disk identifier: DA90AB95-8C11-4BAE-9157-C48213FBAD0C

Device      Start    End  Sectors Size Type
/dev/xvda1   4096 16773087    8G Linux filesystem
/dev/xvda128  2048     4095     2048  1M BIOS boot

Partition table entries are not in disk order.

Disk /dev/xvdb: 3 GiB, 3221225472 bytes, 6291456 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
[ec2-user@ip-172-31-39-125 ~]# 
```

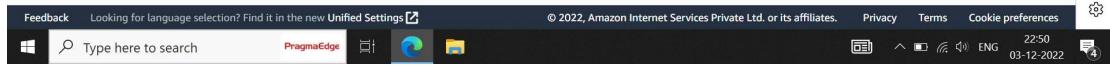
**i-0bdecdf333fc4ee80 (mumbai)**

Public IPs: 3.111.144.181 Private IPs: 172.31.39.125

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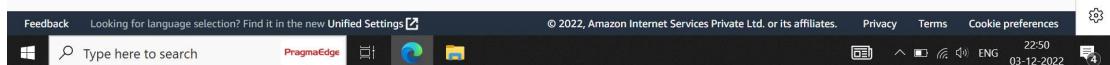
```
[ec2-user@ip-172-31-39-125 ~]$ sudo su -  
[root@ip-172-31-39-125 ~]# fdisk -l  
Disk /dev/xvda: 8 GiB, 8589934592 bytes, 16777216 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
Disklabel type: gpt  
Disk identifier: DA90AB95-8C11-4BAE-9157-C48213FBAD0C  
  
Device Start End Sectors Size Type  
/dev/xvda1 4096 16777182 16736087 8G Linux filesystem  
/dev/xvda128 2048 4095 2048 1M BIOS boot  
  
Partition table entries are not in disk order.  
  
Disk /dev/xvdb: 3 GiB, 3221225472 bytes, 6291456 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
[root@ip-172-31-39-125 ~]#
```

i-0bdecdf333fc4ee80 (mumbai)  
PublicIPs: 3.111.144.181 PrivateIPs: 172.31.39.125



```
Disk /dev/xvdb: 3 GiB, 3221225472 bytes, 6291456 sectors  
Units: sectors of 1 * 512 = 512 bytes  
Sector size (logical/physical): 512 bytes / 512 bytes  
I/O size (minimum/optimal): 512 bytes / 512 bytes  
[root@ip-172-31-39-125 ~]# fdisk /dev/xvdb  
  
Welcome to fdisk (util-linux 2.30.2).  
Changes will remain in memory only, until you decide to write them.  
Be careful before using the write command.  
  
Device does not contain a recognized partition table.  
Created a new DOS disklabel with disk identifier 0xb4a5fb6.  
  
Command (m for help): n  
Partition type  
 p primary (0 primary, 0 extended, 4 free)  
 e extended (container for logical partitions)  
Select (default p): p  
Partition number (1-4, default 1):
```

i-0bdecdf333fc4ee80 (mumbai)  
PublicIPs: 3.111.144.181 PrivateIPs: 172.31.39.125



Device does not contain a recognized partition table.  
Created a new DOS disklabel with disk identifier 0xb4a5fb6.

```
Command (m for help): n
Partition type
  p  primary (0 primary, 0 extended, 4 free)
  e  extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1):
First sector (2048-6291455, default 2048):
Last sector, +sectors or +size(K,M,G,T,P) (2048-6291455, default 6291455): +1G

Created a new partition 1 of type 'Linux' and of size 1 GiB.

Command (m for help): w
The partition table has been altered.
Calling ioctl() to re-read partition table.
Syncing disks.
```

[root@ip-172-31-39-125 ~]#

i-0bdecdf333fc4ee80 (mumbai)  
PublicIPs: 3.111.144.181 PrivateIPs: 172.31.39.125

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Connect to instance | EC2 Manager EC2 Instance Connect [Alt+S]

aws Services Search Mumbai The Eshwar Kanna

Syncing disks.

```
[root@ip-172-31-39-125 ~]# fdisk /dev/xvdb

Welcome to fdisk (util-linux 2.30.2).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help): p
Disk /dev/xvdb: 3 GiB, 3221225472 bytes, 6291456 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xb4a5fb6

Device      Boot Start     End Sectors Size Id Type
/dev/xvdb1        2048 2099199 2097152   1G 83 Linux

Command (m for help):
```

i-0bdecdf333fc4ee80 (mumbai)  
PublicIPs: 3.111.144.181 PrivateIPs: 172.31.39.125

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Connect to instance | EC2 Manager EC2 Instance Connect [Alt+S]

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```
mumbai
[root@ip-172-31-39-125 ~]# mkfs.ext4 /dev/xvdb1
mke2fs 1.42.9 (28-Dec-2013)
Filesystem label=
OS type: Linux
Block size=4096 (log=2)
Fragment size=4096 (log=2)
Stride=0 blocks, Stripe width=0 blocks
65536 inodes, 262144 blocks
13107 blocks (5.00%) reserved for the super user
First data block=0
Maximum filesystem blocks=268435456
8 block groups
32768 blocks per group, 32768 fragments per group
8192 inodes per group
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376

Allocating group tables: done
Writing inode tables: done
Creating journal (8192 blocks): done

i-0bdecdf333fc4ee80 (mumbai)
PublicIPs: 3.111.144.181 PrivateIPs: 172.31.39.125
```

```
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```

```
mumbai
[root@ip-172-31-39-125 ~]# mount /dev/xvdb1 mumbai/
[root@ip-172-31-39-125 ~]# 
```

```
i-0bdecdf333fc4ee80 (mumbai)
PublicIPs: 3.111.144.181 PrivateIPs: 172.31.39.125
```

```
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```

The screenshot shows the AWS EC2 Management Console Volumes page. A success message at the top indicates "Successfully deleted 2 volumes". Below it, a note suggests creating Amazon Data Lifecycle Manager policies for snapshot management. The main table lists two volumes:

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
-	vol-016dcb207cc76c623	gp2	8 GiB	100	-	snap-0f0f2d1
<input checked="" type="checkbox"/>	vol-09e4cc7ece5863766	gp3	3 GiB	3000	125	-

Volume ID: vol-09e4cc7ece5863766

The screenshot shows the same AWS EC2 Management Console Volumes page. The Actions menu is open for the selected volume (Volume ID: vol-09e4cc7ece5863766). The menu options include:

- 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

The screenshot shows the AWS EC2 Management Console interface. The top navigation bar includes tabs for 'Create snapshot' (selected), 'EC2 Instance Connect', and 'EC2 Home'. The URL is https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateSnapshotFromVolume:vol-09e4cc/ece5863766. The sidebar on the left lists services like Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots), Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces), and Load Balancing (Load Balancers). The main content area shows the creation of a new snapshot for volume 'vol-09e4cc/ece5863766'. The 'Tags' section allows adding key-value pairs, with one tag named 'mumbai' added. The 'Snapshots' section shows a list with one item: 'mumbai' (Snapshot ID: snap-0ef92481b17a89198, Size: 3 GiB, Storage: Standard, Status: Pending). The bottom status bar shows the date and time as 03-12-2022 22:55.

Snapshots (1/1)

Name	Snapshot ID	Size	Description
mumbai	snap-0ef92481b17a89198	3 GiB	-

Actions

- Create snapshot
- Create volume from snapshot
- Create image from snapshot
- Copy snapshot
- Modify permissions
- Manage fast snapshot restore
- Archive snapshot
- Restore snapshot from archive
- Change restore period
- Delete snapshot
- Manage tags

Snapshot ID: snap-0ef92481b17a89198 (mumbai)

Details Permissions Storage tier Tags

Copy snapshot | EC2 Management

Settings

Encryption [Info](#)  
Use Amazon EBS encryption as an encryption solution for your EBS resources.

Encrypt this snapshot

Cancel **Copy snapshot**

The screenshot shows the AWS EC2 Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Schemas>. The region is set to Mumbai (ap-south-1). A modal window titled "Successfully created snapshot copy snap-01bafe0bb47a4ddc2." is open. The main pane displays a table of snapshots, with one entry highlighted: "mumbai" (Snapshot ID: snap-0ef92481b17a89198, Size: 3 GiB). The sidebar on the left shows navigation links for Instances, Images, and other services. The bottom status bar shows the browser version as PragmaEdge.

The screenshot shows the AWS EC2 Management Console with the URL <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Schemas>. The region is set to N. Virginia (us-east-1). A modal window titled "Create snapshot" is open. The main pane displays a table of snapshots, with one entry selected: "-" (Snapshot ID: snap-01bafe0bb47a4ddc2, Size: 3 GiB, Description: "[Copied snap-0ef92481b1...]", Storage: Standard, Status: Pending). The sidebar on the left shows navigation links for Images, Elastic Block Store, Network & Security, and other services. The bottom status bar shows the browser version as PragmaEdge.

Screenshots of the AWS Management Console showing the creation of an EBS snapshot.

The top screenshot shows the "Snapshots" section of the EC2 Management console. A new snapshot named "snap-01bafe0bb47a4ddc2" has been created, and its details are shown in the modal:

Name	Snapshot ID	Size	Description
-	snap-01bafe0bb47a4ddc2	3 GiB	[Copied snap-Def92481]

The bottom screenshot shows the "Volumes" section of the EC2 Management console. A new volume named "from-mumbai" has been created, and its details are shown in the modal:

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
from-mumbai	vol-0b67d84cb22c0da28	gp2	3 GiB	100	-	snap-01bafe0...

Screenshots of the AWS Management Console showing the creation of an EBS volume from a snapshot.

The top screenshot shows the "Snapshots" section of the EC2 Management console. A new snapshot named "snap-01bafe0bb47a4ddc2" has been created, and its details are shown in the modal:

Name	Snapshot ID	Size	Description
-	snap-01bafe0bb47a4ddc2	3 GiB	[Copied snap-Def92481]

The bottom screenshot shows the "Volumes" section of the EC2 Management console. A new volume named "from-mumbai" has been created, and its details are shown in the modal:

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
from-mumbai	vol-0b67d84cb22c0da28	gp2	3 GiB	100	-	snap-01bafe0...

The screenshot shows the AWS Management Console with the EC2 service selected. In the left navigation pane, under the Elastic Block Store section, the 'Volumes' option is highlighted. On the main page, there is a table titled 'Volumes (1/2)' showing one volume: 'from-mumbai' with Volume ID 'vol-0b67d84cb22c0da28'. A context menu is open over this volume, listing options such as 'Modify volume', 'Create snapshot', 'Create snapshot lifecycle policy', 'Delete volume', 'Attach volume', 'Detach volume', 'Force detach volume', 'Manage auto-enabled I/O', and 'Manage tags'. At the bottom of the page, it says 'Volume ID: vol-0b67d84cb22c0da28 (from-mumbai)' followed by tabs for 'Details', 'Status checks', 'Monitoring', and 'Tags'.

The screenshot shows the 'Attach volume' dialog box. It has a title bar 'Attach volume | EC2 Management' and a URL 'https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AttachVolume;volumeId=vol-0b67d84cb22c0da28'. The main area is titled 'Basic details' and contains fields for 'Volume ID' (set to 'vol-0b67d84cb22c0da28 (from-mumbai)') and 'Availability Zone' ('us-east-1a'). Below this, there is a 'Instance' section with a dropdown menu showing an instance: 'i-0e6a7872582c62e4f (virginia) (running)'. At the bottom right of the dialog are 'Cancel' and 'Attach volume' buttons. The footer of the dialog includes standard AWS links like Feedback, Privacy, Terms, and Cookie preferences, along with system status icons.

Screenshot of the AWS EC2 Management Console showing the Instances page for the N. Virginia region. The instance i-0e6a7872582c62e4f (virginia) is selected. The table shows two volumes attached to the instance:

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time
vol-0b468a6b226ae994e	/dev/xvda	8	Attached	Sat Dec 03 2022 22:37:38 G...
vol-0b67d84cb22c0da28	/dev/sdf	3	Attached	Sat Dec 03 2022 22:58:22 G...

The task bar at the bottom shows the Windows Start button, search bar, and system tray with the date 03-12-2022.

Screenshot of the AWS EC2 Management Console showing the EC2 Instance Connect page for the instance i-0e6a7872582c62e4f (virginia). The terminal session shows the following output:

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: gpt
Disk identifier: DA90AB95-8C11-4BAE-9157-C48213FBAD0C

Device      Start    End  Sectors Size Type
/dev/xvda1   4096 16777182 16733087  8G Linux filesystem
/dev/xvda128  2048    4095     2048   1M BIOS boot

Partition table entries are not in disk order.

Disk /dev/xvdf: 3 GiB, 3221225472 bytes, 6291456 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xb4a5fb6

Device      Boot Start    End  Sectors Size Id Type
/dev/xvdf1    2048 2099199 2097152   1G 83 Linux
[root@ip-172-31-90-48 ~]#
```

The task bar at the bottom shows the Windows Start button, search bar, and system tray with the date 03-12-2022.

Connect to instance | EC2 Manager EC2 Instance Connect EC2 Instance Connect https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0e6a78725... [Alt+S] N. Virginia The Eshwar Kanna

Disk identifier: DA90AB95-8C11-4BAE-9157-C48213FBADOC

Device	Start	End	Sectors	Size	Type
/dev/xvda1	4096	16777182	16773087	8G	Linux filesystem
/dev/xvda128	2048	4095	2048	1M	BIOS boot

Partition table entries are not in disk order.

Disk /dev/xvdf: 3 GiB, 3221225472 bytes, 6291456 sectors

Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/xvdfl		2048	2099199	2097152	1G	83	Linux

```
[root@ip-172-31-90-48 ~]# mkdir virginia
[root@ip-172-31-90-48 ~]# mount /dev/xvdfl virginia/
[root@ip-172-31-90-48 ~]# ls
```

i-0e6a7872582c62e4f (virginia)

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Connect to instance | EC2 Manager EC2 Instance Connect EC2 Instance Connect https://us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-0e6a78725... [Alt+S] N. Virginia The Eshwar Kanna

Disk /dev/xvdf: 3 GiB, 3221225472 bytes, 6291456 sectors

Device	Start	End	Sectors	Size	Type
/dev/xvdfl	2048	2099199	2097152	1G	83 Linux

```
[root@ip-172-31-90-48 ~]# mkdir virginia
[root@ip-172-31-90-48 ~]# mount /dev/xvdfl virginia/
[root@ip-172-31-90-48 ~]# ls
```

virginia

```
[root@ip-172-31-90-48 ~]# cd virginia/
[root@ip-172-31-90-48 virginia]# ls
kanna.txt  lost+found
[root@ip-172-31-90-48 virginia]# cat kanna.txt
eshwarkanna
[root@ip-172-31-90-48 virginia]#
```

i-0e6a7872582c62e4f (virginia)

Public IPs: 52.90.4.183 Private IPs: 172.31.90.48

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The screenshot shows the AWS Recycle Bin Console interface. On the left, a sidebar menu includes 'Recycle Bin' (selected), 'Resources', and 'Retention rules'. The main content area features a large heading 'Recycle Bin' and a sub-heading 'Protect your Amazon EBS Snapshots and Amazon Machine Images (AMIs) from accidental deletion.' Below this is a descriptive paragraph about using the Recycle Bin to protect business-critical resources. A prominent orange button labeled 'Create retention rule' is visible. The top navigation bar shows tabs for 'Recycle Bin Console', 'EC2 Instance Connect', and 'EC2 Instance Connect'. The URL is https://ap-south-1.console.aws.amazon.com/rbin/home?region=ap-south-1#home:.

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Type here to search PragmaEdge 23:03 03-12-2022

This screenshot shows the 'Retention rules' page within the AWS Recycle Bin Console. The sidebar still shows 'Recycle Bin' (selected) and 'Retention rules'. The main area is titled 'Retention rules' and displays a table header with columns for 'Name', 'Rule ID', 'Description', and 'Retention'. A message at the bottom states 'You currently have no retention rules in this Region.' An orange 'Create retention rule' button is located above the table. The top navigation bar and footer information are identical to the previous screenshot.

Recycle Bin > Retention rules

Retention rules Info

EBS Snapshots Filter retention rules by attributes and tags

Name Rule ID Description Retention

You currently have no retention rules in this Region.

Select a retention rule above

https://ap-south-1.console.aws.amazon.com/rbin/home?region=ap-south-1 Settings 23:03 03-12-2022

The screenshot shows the AWS Recycle Bin console interface. On the left, there's a sidebar with 'Recycle Bin' and 'Retention rules'. The main area is titled 'Retention settings' with a sub-section for 'Resource type' set to 'EBS Snapshots'. There's an unchecked checkbox for 'Apply to all resources' and a section for 'Resource tags to match' with two input fields for key and value. Below that is a 'Retention period' field containing '1 days'. At the bottom, there's a 'Rule lock settings - new' section with two options: 'Unlock' (selected) and 'Lock'.

This screenshot is identical to the one above, but the 'Lock' option under 'Rule lock settings' is now selected, indicated by a blue outline around the radio button.

The screenshot shows the AWS Recycle Bin console interface. On the left, there's a sidebar with 'Recycle Bin' and 'Retention rules'. The main area is titled 'Retention settings' for 'EBS Snapshots'. It has a checkbox for 'Apply to all resources' which is checked, followed by a note: 'The retention rule will apply to all resources of the selected type.' Below this is a 'Retention period' section with a dropdown set to '7 days'. A note at the bottom says 'Min: 1 day, Max 365 days'. Under 'Rule lock settings', there are two options: 'Unlock' (selected) and 'Lock', with a note: 'The retention rule can be modified or deleted at any time by a user with the required permissions.' The 'Lock' option is described as 'The retention rule can't be modified or deleted until it is unlocked by a user with the required permissions, and the specified delay period has expired.' At the bottom of the page, there's a success message: 'Successfully created retention rule 9g1czr1uxM1.'

This screenshot shows the same AWS Recycle Bin console after the rule has been created. The success message 'Successfully created retention rule 9g1czr1uxM1.' is displayed in a green bar at the top. The main area shows the 'Retention rules (1/1)' table with one entry: 'Retention rule ID: 9g1czr1uxM1'. The table includes columns for Name, Rule ID, Description, and Retention. Below the table, there's a section for 'Resource matching tags' with a note: 'The selected resource currently has no matching tags.' The bottom of the page shows the same success message again.

The screenshot shows the AWS EC2 Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Schemas>. A green success message at the top states "Successfully deleted snapshot snap-0549f8b63b32ba0b.". The main pane displays a table titled "Snapshots (1)" with one item: "mumbai" (Snapshot ID: snap-0ef92481b17a89198, Size: 3 GiB, Storage: Standard, Status: Completed). The sidebar on the left includes sections for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances (Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances), and Images.

**Snapshots (1)**

Name	Snapshot ID	Size	Description	Storage	Status
mumbai	snap-0ef92481b17a89198	3 GiB	-	Standard	Completed

Select a snapshot above.

**Recycle Bin**

Successfully created retention rule 9g1czr1uxM1 .

Retention rules (1/1) **Info**

Name	Rule ID	Description	Retention
30days	9g1czr1uxM1	-	5 Days

Retention rule ID: 9g1czr1uxM1

Details Tags

The screenshot shows the AWS EC2 Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Snapshots>. A green success message at the top says "Successfully deleted snapshot snap-0549f8b63b32ba0b.". The main table displays one snapshot entry:

Name	Snapshot ID	Size	Description
mumbai	snap-0ef92481b17a89198	3 GiB	-

The "Actions" menu for this snapshot includes options like "Create volume from snapshot", "Create image from snapshot", "Copy snapshot", "Modify permissions", "Manage fast snapshot restore", "Archive snapshot", "Restore snapshot from archive", "Change restore period", "Delete snapshot", and "Manage tags".

The screenshot shows the AWS Recycle Bin Console with the URL <https://ap-south-1.console.aws.amazon.com/rbin/home?region=ap-south-1#RetentionRules>. A green success message at the top says "Successfully created retention rule 9g1czr1uxM1.". The main table displays one retention rule entry:

Name	Rule ID	Description	Retention
30days	9g1czr1uxM1	-	5 Days

The "Actions" menu for this retention rule includes options like "Edit", "Delete", and "Tags".

Snapshots (1/1)

Name	Snapshot ID	Size	Description
-	snap-048b1409f70d5c55b	3 GiB	-

Actions ▾ **Create snapshot**

- Create volume from snapshot
- Create image from snapshot
- Copy snapshot
- Modify permissions
- Manage fast snapshot restore
- Archive snapshot**
- Restore snapshot from archive
- Change restore period
- Delete snapshot
- Manage tags

Snapshot ID: snap-048b1409f70d5c55b

Details Permissions Storage tier Tags

Feedback Looking for language selection? Find it in the new Unified Settings [Feedback]

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Type here to search PragmaEdge 23:13 ENG 03-12-2022

Snapshots (1/1)

Name	Snapshot ID	Size	Description	Storage tier	Snapshot status
-	snap-048b1409f70d5c55b	3 GiB	-	Standard	<span style="color: green;">Completed</span>

Snapshot ID: snap-048b1409f70d5c55b

Details Permissions **Storage tier** Tags

Snapshot ID: snap-048b1409f70d5c55b

Volume ID: vol-09e4cc7ece5863766

Storage tier: Standard

Archive completed on: -

Temporary restore expires on: -

Last tier change started on: Sat Dec 03 2022 23:13:41 GMT+0530 (India Standard Time)

Tier change progress: 0%

Feedback Looking for language selection? Find it in the new Unified Settings [Feedback]

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The screenshot shows the AWS EC2 Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Snapshots>. The left sidebar shows navigation options like Images, AMIs, AMI Catalog, Elastic Block Store, Volumes, Snapshots, Lifecycle Manager, Network & Security, Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces, Load Balancing, Load Balancers, and Target Groups. The main content area displays a table titled "Snapshots (1/1)" with one item: "snap-048b1409f70d5c55b" (3 GiB, Archive, Completed). Below this, a detailed view for "Snapshot ID: snap-048b1409f70d5c55b" is shown, including fields for Snapshot ID, Storage tier, Volume ID, Tiering status, Archive completed on (Sat Dec 03 2022 23:15:13 GMT+0530), Last tier change started on (Sat Dec 03 2022 23:15:41 GMT+0530), Temporary restore expires on, and Tier change progress (Completed).

The screenshot shows the AWS EC2 Management Console with the URL <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances>. The left sidebar shows navigation options like Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, AMI Catalog, and Elastic Block Store. The main content area shows a success message "Successfully started i-0bdecd333fc4ee80". Below this, a table titled "Instances (1/2) Info" lists one instance: "mumbai" (i-0bdecd333fc4ee80, Running, t2.micro). A context menu is open over this instance, with "Image and templates" highlighted. The instance details page below shows information such as Instance ID (i-0bdecd333fc4ee80), Public IPv4 address (65.2.128.243), Private IPv4 addresses (172.31.39.125), Public IPv4 DNS (ec2-65-2-128-243.ap-south-1.compute.amazonaws.com), and its state (Running).

Screenshot of the AWS EC2 Management Console showing the Instances page. A modal window titled "Successfully started i-0bdecdf333fc4ee80" is open, indicating the instance "mumbai" has been successfully started. The instance details show it is running, has a Public IPv4 address of 65.2.128.243, and a Private IPv4 address of 172.31.39.125.

The "Create image" button is highlighted in the Actions menu. The "Image and templates" option is selected in the dropdown menu.

**Instances (1/2) Info**

Name	Instance ID	Instance state	Instance type
one	i-05bbe478c883b1800	Stopped	t2.micro
<b>mumbai</b>	<b>i-0bdecdf333fc4ee80</b>	<b>Running</b>	<b>t2.micro</b>

**Details** | Security | Networking | Storage

**Instance summary**

Instance ID	Public IPv4 address
i-0bdecdf333fc4ee80 (mumbai)	65.2.128.243   <a href="#">open address</a>
IPv6 address	Instance state
-	Running
Private IPv4 addresses	Public IPv4 DNS
172.31.39.125	ec2-65-2-128-243.ap-south-1.compute.amazonaws.com   <a href="#">open address</a>

**Create image**

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 instance.

**Instance ID:** i-0bdecdf333fc4ee80 (mumbai)

**Image name:** kannacustom

**Image description - optional:** webserver

**No reboot:**  Enable

**Instance volumes:**

Volume type	Device	Snapshot	Size	Volume type	IOPS	Throughput	Delete on termination
EBS	/dev/...	Create new snapshot fr...	8	EBS General Purpose S...	100		<input checked="" type="checkbox"/> Enable

The screenshot shows the 'Create Image' page in the AWS EC2 Management Console. The user is configuring a new AMI from an existing instance. Key settings include:

- Volumes:** Two EBS volumes are selected. The first volume is 8 GiB with an IOPS of 100, and the second is 3 GiB with an IOPS of 3000.
- Termination Protection:** Both volumes have 'Enable termination protection' checked.
- Tags - optional:** A note states that Amazon EC2 creates a snapshot of each volume during creation. Two options are available:
  - Tag image and snapshots together:** Selected. It tags both the image and the snapshots with the same tag.
  - Tag image and snapshots separately:** Unselected. It tags the image and the snapshots with different tags.
- No tags associated with the resource:** A button to 'Add new tag' is present, with a note that up to 50 more tags can be added.

The screenshot shows the 'Amazon Machine Images (AMIs)' page in the AWS EC2 Management Console. The user has just created a new AMI named 'kannacustom'. The details are as follows:

AMI ID	Name	Source
ami-02223ba83686b7ad4	kannacustom	789576624500/kannacustom

The page also displays the detailed information for this AMI:

AMI ID: ami-02223ba83686b7ad4			
Details		Permissions	Storage
AMI ID	ami-02223ba83686b7ad4	Image type	machine
AMI name	kannacustom	Owner account ID	789576624500
Root device name	/dev/xvda	Status	Pending
		Source	
		Virtualization type	hvm

The screenshot shows two consecutive views of the AWS EC2 Management Console.

**Top View (My AMIs):**

- The URL is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances>.
- The search bar contains "Search our full catalog including 1000s of application and OS images".
- The tabs at the top are "Recents", "My AMIs" (selected), and "Quick Start".
- On the left, there are two buttons: "Owned by me" (selected) and "Shared with me".
- A sidebar on the right says "Browse more AMIs" and "Including AMIs from AWS, Marketplace and the Community".
- The main area shows an "Amazon Machine Image (AMI)" named "kannacustom".
  - AMI ID: ami-02223ba83686b7ad4
  - Creation Date: 2022-12-03T17:57:43.000Z
  - Virtualization: hvm
  - ENI enabled: true
  - Root device type: ebs
- Description: "webservice".
- Architecture: "x86\_64".
- AMI ID: "ami-02223ba83686b7ad4".

**Bottom View (Images):**

- The URL is <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Images:visibility=owned-by-me>.
- The search bar contains "Type here to search".
- The sidebar on the left includes "Dedicated Hosts", "Capacity Reservations", "Images" (selected), "AMIs" (highlighted in orange), "AMI Catalog", "Elastic Block Store", "Volumes", "Snapshots", "Lifecycle Manager", "Network & Security", "Security Groups", "Elastic IPs", "Placement Groups", "Key Pairs", "Network Interfaces", "Load Balancing", and "Load Balancers".
- The main area shows the "Amazon Machine Images (AMIs) (1/1) Info" table:

Name	AMI ID	AMI name	Source
-	ami-02223ba83686b7ad4	kannacustom	789576624500/kannacustom
- Details for the selected AMI:
  - AMI ID: ami-02223ba83686b7ad4
  - This image is only shared with account IDs, organizations, or OUs that you have specified.
  - Shared accounts section: "Edit AMI permissions" button, "Find shared accounts by account ID" search bar, and "No shared accounts" message.