

## Preserve EC2 Root Volume on Instance Termination (Disable Delete-on-Termination for Root EBS Volume)

When we create the EC2 instance, the root volume should be created automatically (default – happens automatically); But when we terminate/delete the EC2 instance, the root volume should NOT be deleted

### Steps:

Step 1. Go into EC2 Console → Launch an instance.

Step 2. Configure Storage → Go to advance → Show Details

The screenshot shows the AWS Management Console 'Launch an instance' page. The 'Storage (volumes)' section is expanded, showing 'Volume 1 (AMI Root) (Custom)' with a size of 8 GiB, EBS, General purpose SSD (gp3), 3000 IOPS. The 'Delete on termination' dropdown is set to 'No'. The 'Summary' panel on the right shows the instance configuration: 1 instance, Amazon Linux 2023 AMI, t3.micro instance type, new security group, and 1 volume (8 GiB). The 'Launch instance' button is visible.

Step 3. Click on Volume AMI (root) → Select Delete on termination ( NO ) → Save changes

The screenshot shows the AWS Management Console 'Launch an instance' page. The 'Storage (volumes)' section is expanded, showing 'Volume 1 (AMI Root) (Custom)' with a size of 8 GiB, EBS, General purpose SSD (gp3), 3000 IOPS. The 'Delete on termination' dropdown is set to 'No'. The 'Summary' panel on the right shows the instance configuration: 1 instance, Amazon Linux 2023 AMI, t3.micro instance type, new security group, and 1 volume (8 GiB). The 'Launch instance' button is visible.

Step 4. Instance created. Name **boat-instance** .

aws [Alt+S] Asia Pacific (Mumbai) Account ID: 1936-2926-9317

AWS Console Home

EC2 > Instances

EC2

Dashboard

AWS Global View

Events

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Instances (3) Info

Find Instance by attribute or tag (case-sensitive)

All states

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public
<input type="checkbox"/>	server	i-03f78ba8f7a6ff3da	Terminated	t3.micro	—	View alarms +	ap-south-1a	—	—
<input type="checkbox"/>	boat-instance	i-00d876a571e299853	Running	t3.micro	3/3 checks passed	View alarms +	ap-south-1a	ec2-3-110-133-233.ap-...	3.110.1
<input type="checkbox"/>	vol-instance	i-07d3f0ea3d17ac807	Terminated	t3.micro	—	View alarms +	ap-south-1a	—	—

Select an instance

https://ap-south-1.console.aws.amazon.com/console/home?region=ap-south-1

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Step 5. Check wheather volume is created or not after launching an instance.

aws [Alt+S] Asia Pacific (Mumbai) Account ID: 1936-2926-9317

AWS Console Home

EC2 > Volumes

EC2

Dashboard

AWS Global View

Events

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Volumes (1) Info

Find Instance by attribute or tag (case-sensitive)

All states

Last updated less than a minute ago

Recycle Bin

Actions

Create volume

<input type="checkbox"/>	Type	Size	IOPS	Throughput	Snapshot ID	Source volume ID	Created	Availability Zone	Volume state	Alarm status	Attached resources
<input type="checkbox"/>	gp3	8 GiB	3000	125	snap-0a07784...	—	2025/11/22 11:18 GMT+5:...	aps1-a21 (ap-south-1a)	In-use	No alarms	+ i-00d876a571e299853 (bo...

Fault tolerance for all volumes in this Region

Snapshot summary

Recently backed up volumes / Total # volumes

0 / 2

Data Lifecycle Manager default policy for EBS Snapshots status

No default policy set up | Create policy

Last updated on Sat, Nov 22, 2025, 11:29:35 AM (GMT+05:30)

Volume is created after launching instance.

Step 6. Terminate the instance and check the volume wheather it is deleted or not.

aws [Alt+S] Asia Pacific (Mumbai) Account ID: 1936-2926-9317

AWS Console Home

EC2 > Instances

EC2

Dashboard

AWS Global View

Events

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

▼ Images

AMIs

AMI Catalog

▼ Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

▼ Network & Security

Instances (3) Info

Find Instance by attribute or tag (case-sensitive)

All states

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs
<input type="checkbox"/>	server	i-03f78ba8f7a6ff3da	Terminated	t3.micro	—	View alarms +	ap-south-1a	—	—	—	—
<input type="checkbox"/>	boat-instance	i-00d876a571e299853	Terminated	t3.micro	—	View alarms +	ap-south-1a	—	—	—	—
<input type="checkbox"/>	vol-instance	i-07d3f0ea3d17ac807	Terminated	t3.micro	—	View alarms +	ap-south-1a	—	—	—	—

Select an instance

Step 7. Check wheather the volume is delete or not.

EC2

Dashboard

AWS Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Capacity Manager

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Volumes (1) Info

Last updated less than a minute ago

Recycle Bin

Actions

Create volume

Save filter sets

Choose filter set

Search

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Source volume ID	Created	Availability Zone	Volume state	Al
		vol-0b03b60338abbcb7	gp3	8 GiB	3000	125	snap-0a07784...	-	2025/11/22 11:18 GMT+5:...	aps1-az1 (ap-south-1a)	Available	No

Fault tolerance for all volumes in this Region

Snapshot summary

Recently backed up volumes / Total # volumes

0 / 2

Last updated on Sat, Nov 22, 2025, 11:29:35 AM (GMT+05:30)

Data Lifecycle Manager default policy for EBS Snapshots status

No default policy set up | Create policy

CloudShell

Feedback

Console Mobile App

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Volume is not deleted after terminate the instance.