

Launch an EC2 instance (Linux and Windows) along with a web server. Then, create an EBS volume of 5 GB, attach it to an EC2 machine (Linux and Windows), and take a snapshot. Finally, create an EBS volume using the taken snapshot.

## LINUX Machine:

The screenshot shows a CloudWatch Metrics dashboard with a single metric named "EBSVolumeSize". The value is displayed as 5.00 GB. The metric has a unit of "Bytes" and a period of "1 minute". The chart shows the metric over time, with a recent data point at 5.00 GB.

Block devices								
	Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	Attachment time	Encrypted	KMS key ID
<input type="checkbox"/>	vol-0abb62d1b2f229a68	/dev/xvda	8	<span>In-use</span>	<span>Attached</span>	2025/11/11 14:35 GMT+5:30	No	-
<input checked="" type="checkbox"/>	vol-0fc451185a4c01597	/dev/sdg	5	<span>In-use</span>	<span>Attached</span>	2025/11/11 15:28 GMT+5:30	No	-
<input type="checkbox"/>	vol-00c01ec4175be38fe	/dev/sdk	5	<span>In-use</span>	<span>Attached</span>	2025/11/11 15:43 GMT+5:30	No	-

```
[ec2-user@ip-172-31-45-25 html]$ df -hT
Filesystem      Type      Size  Used Avail Use% Mounted on
/devtmpfs        devtmpfs  4.0M   0  4.0M  0% /dev
tmpfs           tmpfs    453M   0  453M  0% /dev/shm
tmpfs           tmpfs    181M  464K 181M  1% /run
/dev/nvme0n1p1   xfs     8.0G  1.7G  6.3G  21% /
tmpfs           tmpfs    453M  4.0K  453M  1% /tmp
/dev/nvme0n1p128 vfat    10M   1.3M  8.7M  13% /boot/efi
tmpfs           tmpfs    91M   0  91M  0% /run/user/1000
/dev/nvme1n1p1   ext4    4.9G  24K  4.6G  1% /mnt/data
[ec2-user@ip-172-31-45-25 html]$ 
```

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<input checked="" type="checkbox"/>	vol-00c01ec4175be38fe	/dev/sdk	5	<span>In-use</span>	<span>Attached</span>	2025/11/11 15:43 GMT+5:30	No	-

```
[ec2-user@ip-172-31-45-25 html]$ lsblk
NAME      MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
nvme0n1    259:0    0   8G  0 disk
└─nvme0n1p1 259:1    0   8G  0 part /mnt/data
  └─
    └─nvme0n1p127 259:2    0   1M  0 part
      └─nvme0n1p128 259:3    0 10M  0 part /boot/efi
nvme1n1    259:4    0   5G  0 disk
└─nvme1n1p1 259:6    0   5G  0 part /mnt/data
nvme2n1    259:5    0   5G  0 disk
└─nvme2n1p1 259:7    0   5G  0 part
[ec2-user@ip-172-31-45-25 html]$ 
```

## Windows Machine:

Instances (1/2) [Info](#)

Last updated about 1 hour ago [Connect](#) [Instance state](#) [Actions](#) [Launch instances](#)

[Find Instance by attribute or tag \(case-sensitive\)](#) [All states](#)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP
EBSSinstance	i-0b17fb3ada6802b8e	<span>Running</span> <a href="#">View alarms</a> <a href="#">Edit</a>	t3.micro	<span>3/3 checks passed</span>	<a href="#">View alarms</a> <a href="#">Edit</a>	ap-south-1a	ec2-13-233-1-135.ap-s...	13.233.1.135	-
Window	i-0851e680f63aa338a	<span>Running</span> <a href="#">View alarms</a> <a href="#">Edit</a>	t3.micro	<span>3/3 checks passed</span>	<a href="#">View alarms</a> <a href="#">Edit</a>	ap-south-1a	ec2-13-233-230-28.ap-...	13.233.230.28	-

### Block devices

[Filter block devices](#)

Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	Attachment time	Encrypted	KMS key ID
vol-07c878eea118171	/dev/sda1	30	<span>In-use</span>	<span>Attached</span>	2025/11/11 14:48 GMT+5:30	No	-
vol-07765cf8b35d50bf4	xvdh	5	<span>In-use</span>	<span>Attached</span>	2025/11/11 15:29 GMT+5:30	No	-

