

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:

Instances (2) Info									
<div>Find Instance by attribute or tag (case-sensitive)</div> <div>All states</div>									
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...
<input type="checkbox"/>	EBInstance	i-0b17fb3ada6802b8e	Running	t3.micro	3/3 checks pass	View alarms +	ap-south-1a	ec2-13-233-1-135.ap-s...	13.233.1.135

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

Filter block devices							
<input type="checkbox"/>	Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	Attachment time	Encrypted
<input type="checkbox"/>	vol-0abb62d1b2f229a68	/dev/xvda	8	In-use	Attached	2025/11/11 14:35 GMT+5:30	No
<input type="checkbox"/>	vol-0fc451185a4c01597	/dev/sdg	5	In-use	Attached	2025/11/11 15:28 GMT+5:30	No
<input checked="" type="checkbox"/>	vol-00c01ec4175be38fe	/dev/sdk	5	In-use	Attached	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
<input type="checkbox"/>	EBInstance	i-0b17fb3ada6802b8e	Running	t3.micro	3/3 checks passed	View alarms +	ap-south-1a	ec2-13-233-1-135.ap-s...	13.233.1.135	-
<input checked="" type="checkbox"/>	Window	i-0851e680f63aa338a	Running	t3.micro	3/3 checks passed	View alarms +	ap-south-1a	ec2-13-233-230-28.ap-...	13.233.230.28	-

▼ Block devices

Filter block devices

< 1 >

	Volume ID	Device name	Volume size (GiB)	Volume State	Attachment status	Attachment time	Encrypted	KMS key ID
<input type="checkbox"/>	vol-07c3c878eea118171	/dev/sda1	30	In-use	Attached	2025/11/11 14:48 GMT+5:30	No	-
<input checked="" type="checkbox"/>	vol-07765cf8b35d50bf4	xvdf	5	In-use	Attached	2025/11/11 15:29 GMT+5:30	No	-

13.233.230.28 - Remote Desktop Connection

Microsoft Edge

EC2 Feedback

Volume	Layout	Type	File System	Status	Capacity	Free Sp...	% Free
(Disk 0 partition 2)	Simple	Basic	NTFS	Healthy (E...	500 MB	500 MB	100 %
New Volume (D:)	Simple	Basic	NTFS	Healthy (B...	4.98 GB	4.96 GB	100 %
Windows (C:)	Simple	Basic	NTFS	Healthy (B...	29.50 GB	11.40 GB	39 %

Availability Zone: ap-sou...  
Architecture: AMD64  
Total memory: 1024  
Network: Up to 5 Gigabit

13.233.230.28 - Remote Desktop Connection

Microsoft Edge

EC2 Feedback

EC2...

Disk Management

File Action View Help

Volume	Layout	Type	File System	Status	Capacity	Free Sp...	% Free
(Disk 0 partition 2)	Simple	Basic	NTFS	Healthy (E...	500 MB	500 MB	100 %
New Volume (D:)	Simple	Basic	NTFS	Healthy (B...	4.98 GB	4.96 GB	100 %
New Volume (E:)	Simple	Basic	NTFS	Healthy (B...	4.98 GB	4.96 GB	100 %
Windows (C:)	Simple	Basic	NTFS	Healthy (B...	29.50 GB	11.34 GB	38 %