

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.

EC2 Instance created :

Instances (2/2) Info						Last updated 18 minutes ago		
<input type="text"/> Find Instance by attribute or tag (case-sensitive)						All states		
	Name	Instance ID	Instance state	Instance type	Status check			
<input checked="" type="checkbox"/>	websrv1-Linux	i-03e21e30d7533ae01	Running	t2.micro	2/2 checks passed			
<input checked="" type="checkbox"/>	websrv2-Windows	i-0da84186c3926a7e7	Running	t3.micro	3/3 checks passed			

EBS Volume attached:

Successfully attached volume [vol-09e3671cca9dc326c](#) to instance [i-03e21e30d7533ae01](#).

Volumes (3) Info							
Saved filter sets		Choose filter set ▼ <input type="text"/> Search					
<input type="checkbox"/>	Name 🔗	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID
<input type="checkbox"/>	vol-0355265ea656da93d	gp3	30 GiB	3000	125		snap-07fc2e8...
<input type="checkbox"/>	vol-050dc440a5c35a1d6	gp3	8 GiB	3000	125		snap-02aec5d...
<input type="checkbox"/>	vol-09e3671cca9dc326c	gp3	10 GiB	3000	125		-

```

ubuntu@ip-172-31-7-25:~$ lsblk
NAME   MAJ:MIN   RM  SIZE RO TYPE MOUNTPOINTS
loop0    7:0       0 27.6M  1 loop /snap/amazon-ssm-agent/11797
loop1    7:1       0 50.8M  1 loop /snap/snapd/25202
loop2    7:2       0 73.9M  1 loop /snap/core22/2133
xvda    202:0      0   8G  0 disk
└─xvda1  202:1      0   7G  0 part /
└─xvda14 202:14     0   4M  0 part
└─xvda15 202:15     0 106M  0 part /boot/efi
└─xvda16 259:0      0  913M 0 part /boot
xvdbl   202:16128    0 10G  0 disk
└─xvdbl2 202:16130    0 10G  0 part
ubuntu@ip-172-31-7-25:~$ sudo /mnt/data
sudo: /mnt/data: command not found
ubuntu@ip-172-31-7-25:~$ sudo mkdir /mnt/data
mkdir: cannot create directory '/mnt/data': File exists
ubuntu@ip-172-31-7-25:~$ sudo mount /dev/xvdbl2 /mnt/data
ubuntu@ip-172-31-7-25:~$ lsblk
NAME   MAJ:MIN   RM  SIZE RO TYPE MOUNTPOINTS
loop0    7:0       0 27.6M  1 loop /snap/amazon-ssm-agent/11797
loop1    7:1       0 50.8M  1 loop /snap/snapd/25202
loop2    7:2       0 73.9M  1 loop /snap/core22/2133
xvda    202:0      0   8G  0 disk
└─xvda1  202:1      0   7G  0 part /
└─xvda14 202:14     0   4M  0 part
└─xvda15 202:15     0 106M  0 part /boot/efi
└─xvda16 259:0      0  913M 0 part /boot
xvdbl   202:16128    0 10G  0 disk
└─xvdbl2 202:16130    0 10G  0 part /mnt/data
ubuntu@ip-172-31-7-25:~$ 

```

Snapshot Creation:

snap-04aa82a402492440d

Details

Snapshot ID
 snap-04aa82a402492440d

Full snapshot size
 235.5 MiB

Progress
↻ 100%

Owner
 917050833335

Started
 Wed Nov 12 2025 16:29:40 GMT+0530 (India Standard Time)

Product codes
-

Description
 Volume-snap

▼ Source volume

Volume ID
 vol-0611c562b6fd59b5b

Volume size
 10 GiB

▼ Encryption

Encryption
Not encrypted

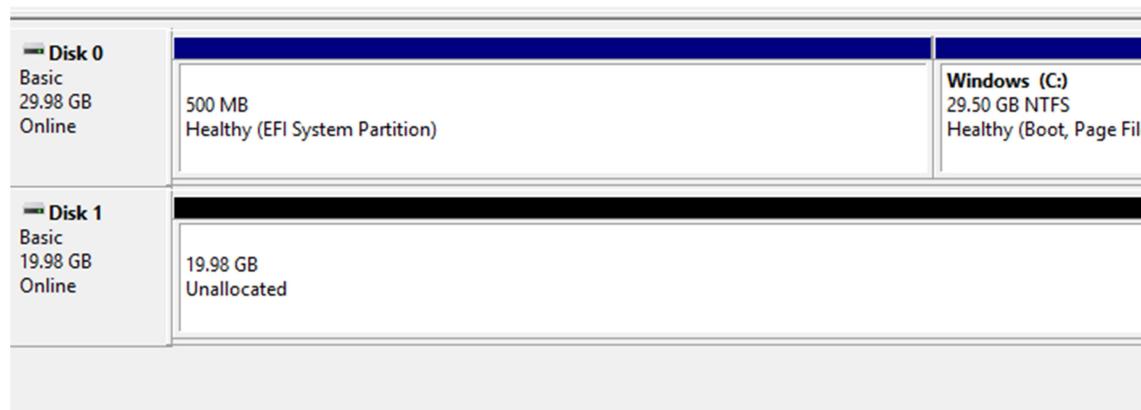
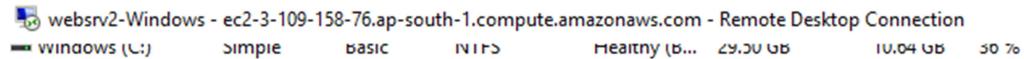
KMS key ID
-

KMS key alias
-

Volume created from Snapshot:

```
ubuntu@ip-172-31-7-25:~$ lsblk
NAME   MAJ:MIN   RM  SIZE RO TYPE MOUNTPOINTS
loop0      7:0     0 27.6M  1 loop /snap/amazon-ssm-agent/11797
loop1      7:1     0 50.8M  1 loop /snap/snapd/25202
loop2      7:2     0 73.9M  1 loop /snap/core22/2133
xvda     202:0     0   8G  0 disk 
└─xvda1   202:1     0   7G  0 part /
└─xvda14  202:14    0   4M  0 part
└─xvda15  202:15    0 106M  0 part /boot/efi
└─xvda16  259:0     0 913M  0 part /boot
xvdf     202:80    0  10G  0 disk 
└─xvdf2   202:82    0  10G  0 part
xvdbl   202:16128   0  10G  0 disk 
└─xvdbl2  202:16130   0  10G  0 part /mnt/data
ubuntu@ip-172-31-7-25:~$
```

Volume created in windows machine.



websrv2-Windows - ec2-3-109-158-76.ap-south-1.compute.amazonaws.com - Remote Desktop Connection							
—	—	—	—	—	—	—	—
—	New volume (D:)	Simple	Basic	NTFS	Healthy (B... 19.98 GB 19.95 GB 100 %		
—	Windows (C:)	Simple	Basic	NTFS	Healthy (B... 29.50 GB 10.64 GB 36 %		

Disk 0	500 MB Healthy (EFI System Partition)	Windows (C:) 29.50 GB NTFS Healthy (Boot, Page File,
Disk 1	New Volume (D:) 19.98 GB NTFS Healthy (Basic Data Partition)	