

## Attaching an existing EBS volume

- Select an existing volume and click on *Attach Volume*
- Select the instance

**Attach Volume**

Volume	(i)	vol-3113afe8 in ap-northeast-2a	
Instance	(i)	<input type="text" value="i-5f2b41f8"/>	in ap-northeast-2a
Device	(i)	<input type="text" value="/dev/sdf"/>	
Linux Devices: /dev/sdf through /dev/sdp			

Note: Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name is /dev/sdf through /dev/sdp.

## Mounting the EBS volume

- Login to your EC2 instance and list the available disks using the following command:

```
lshw
```

- Use the following command to check if the volume has any data:

```
sudo file -s /dev/xvdf
```

- Use the following command to format the volume to ext4 filesystem:

```
sudo mkfs -t ext4 /dev/xvdf
```

- Use the following command to create a directory to mount the volume:

```
sudo mkdir /newvolume
```

- Use the following command to mount the volume:

```
sudo mount /dev/xvdf /newvolume/
```

- Check the disk space using the following command:

```
cd /newvolume
```

```
df -h .
```

Unmounting the EBS volume

- Use the following command to unmount the volume:

```
umount /dev/xvdf
```