

How to mount extra EBS volume to aws ec2 amazon linux 2 machine

To mount an extra EBS volume to an Amazon Linux 2 EC2 instance, you can follow these steps:

1. Create an EBS volume in the same Availability Zone as your EC2 instance. Note the ID of the volume.
2. Attach the EBS volume to your EC2 instance using the AWS Management Console or the AWS CLI. Note the device name (/dev/xvdf, for example) assigned to the volume when you attach it.
3. Connect to your EC2 instance using SSH.
4. Use the following command to create a file system on the EBS volume: (Note that you should replace /dev/xvdf with the device name assigned to your EBS volume when you attached it.)

f disk - l

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

5. Create a mount point directory for the EBS volume: (Note that you can choose any directory name you want.)

```
sudo mkdir /mnt/data
```

6. Mount the EBS volume to the mount point directory: (Note that you should replace /dev/xvdf with the device name assigned to your EBS volume when you attached it, and /mnt/data with the mount point directory you created in step 5.)

```
sudo mount /dev/xvdf /mnt/data
```

7. Verify that the EBS volume is mounted by running the following command:

```
df -h
```

You should see your EBS volume listed in the output.

To ensure that the EBS volume is mounted automatically every time the EC2 instance is started, you can add an entry to the `/etc/fstab` file. Here's an example of what the entry might look like:

```
/dev/xvdf /mnt/data ext4 defaults,nofail 0 2
```

Note that you should replace `/dev/xvdf` with the device name assigned to your EBS volume when you attached it, and `/mnt/data` with the mount point directory you created in step 5.