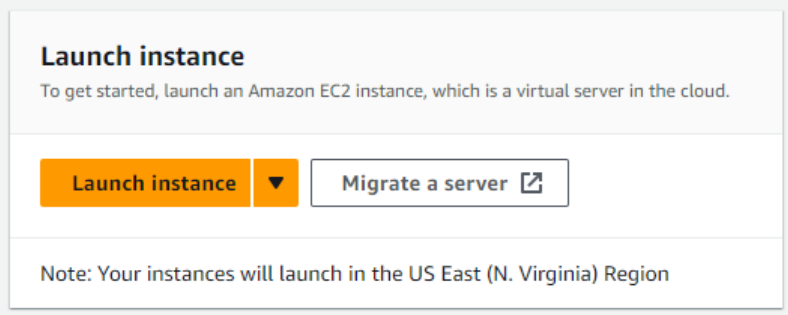
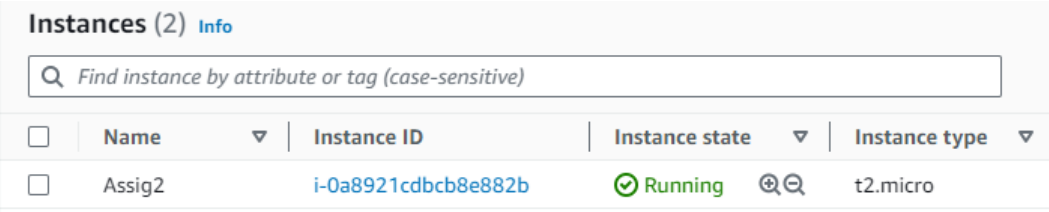
> **Note**
>
> **Problem Statement:**
> You work for XYZ Corporation. Your tnrporation wants to launch a new web-based appliætion using AWS Virtual Machines. Configure the resources accMdingly with appropriate storage for the tasks.
>
> **Tasks To Be Performed:**
>
> 1. Launch a Linux EC2 instance.
> 2. Create an EBS volume with 20 GB of storage and attach it to the created EC2 instance.
> 3. Resize the attached volume and make sure it reflects in the connected instance.

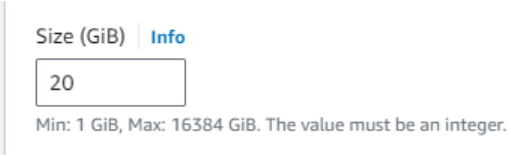
I'll log in to my AWS account and go to **EC2 Dashboard** and click **Launch instance**.



I'll named the instance **Assig2** and keep the defaults



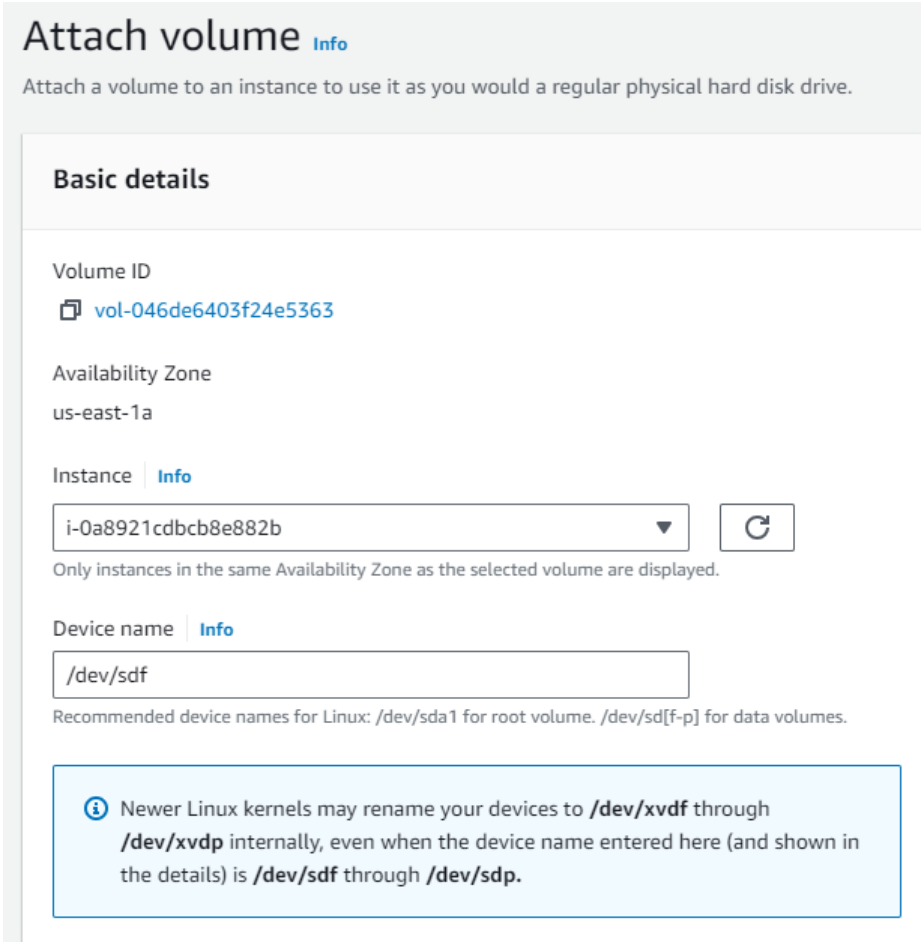
To create an **EBS** I'll go to `Elastic Block Store > Volumes > Create volume`
I'll keep the default except for **Size** and click **Create Volume**



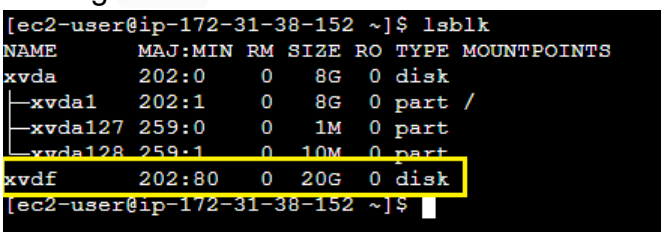
The Volume is ready

To attach the volume I select it and in `Actions > Attach volume`

I make sure I select the right instance

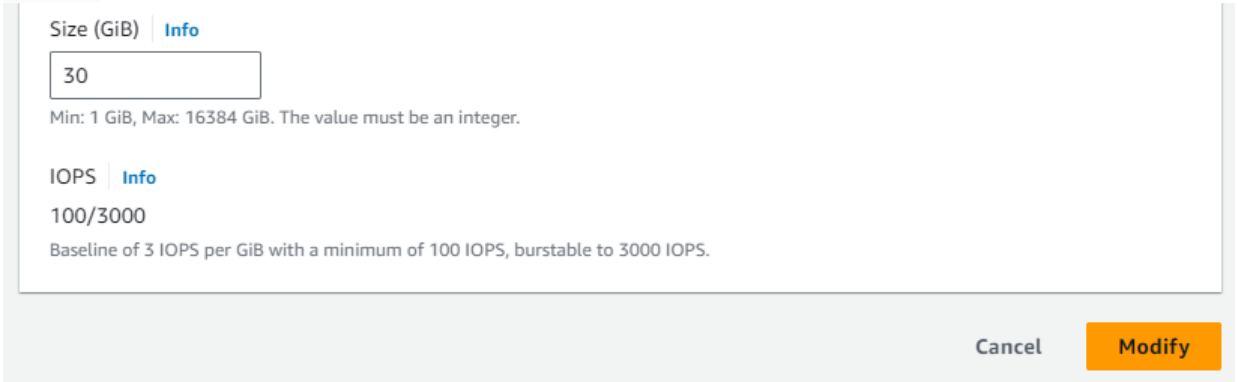


I'll connect to the instance using **EC2 Instance Connect** to check the newly attached **Volume** by running `lsblk`



Shows `xvdf` with expected size of 20GB

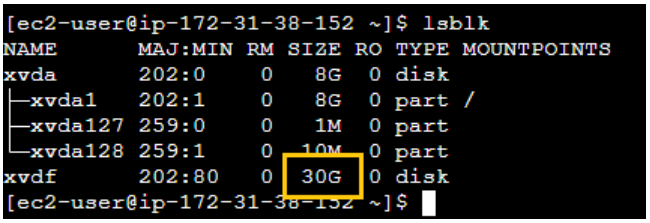
Now we resize the Volume by going back to `Elastic Block Store > Volumes > Actions > Modify volume`.



We change it to 30Gib

We wait for the changes to complete. Progress shown in column Volume State.

Then I check again in the EC2 instance



We confirmed the new size is reflected