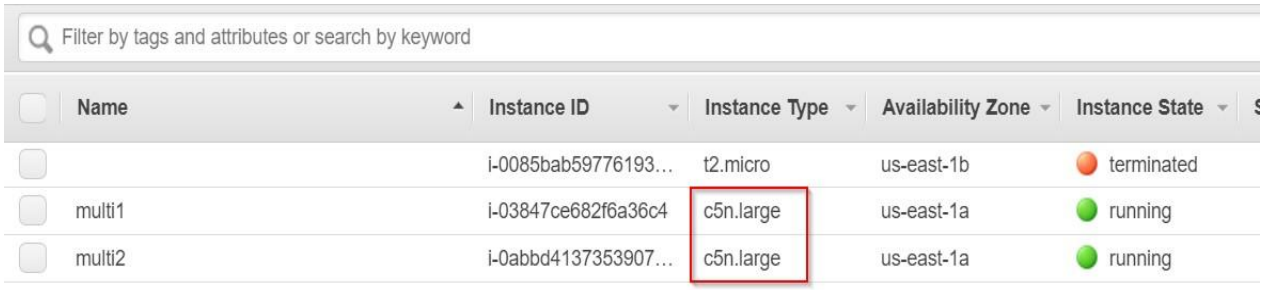
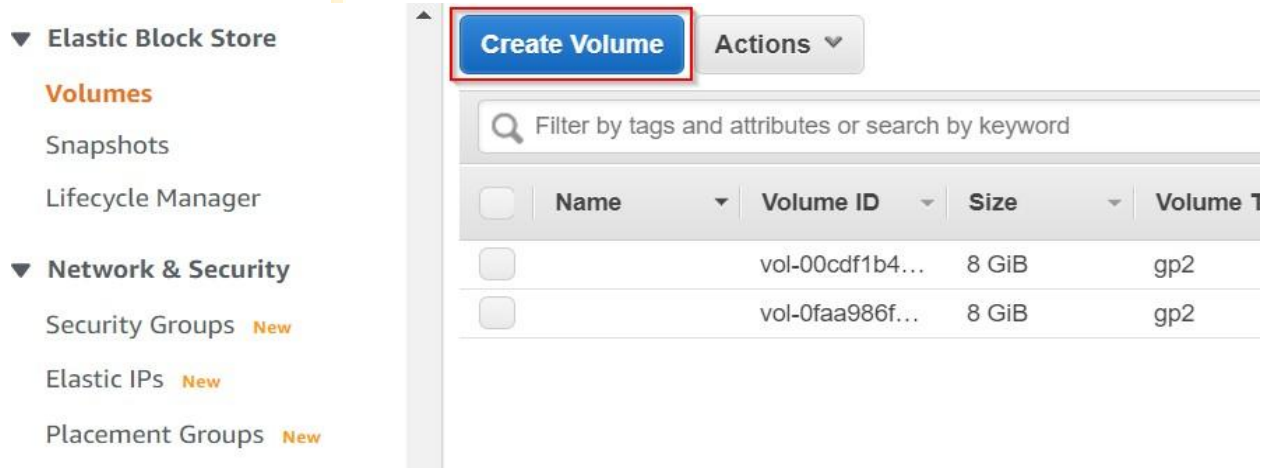
Module 2: Hands-On - AWS EBS Multi-Attach

Step 1: Create 2 or more instances which are built on the Nitro system. Choose C5/C5d or M5/M5d instances.

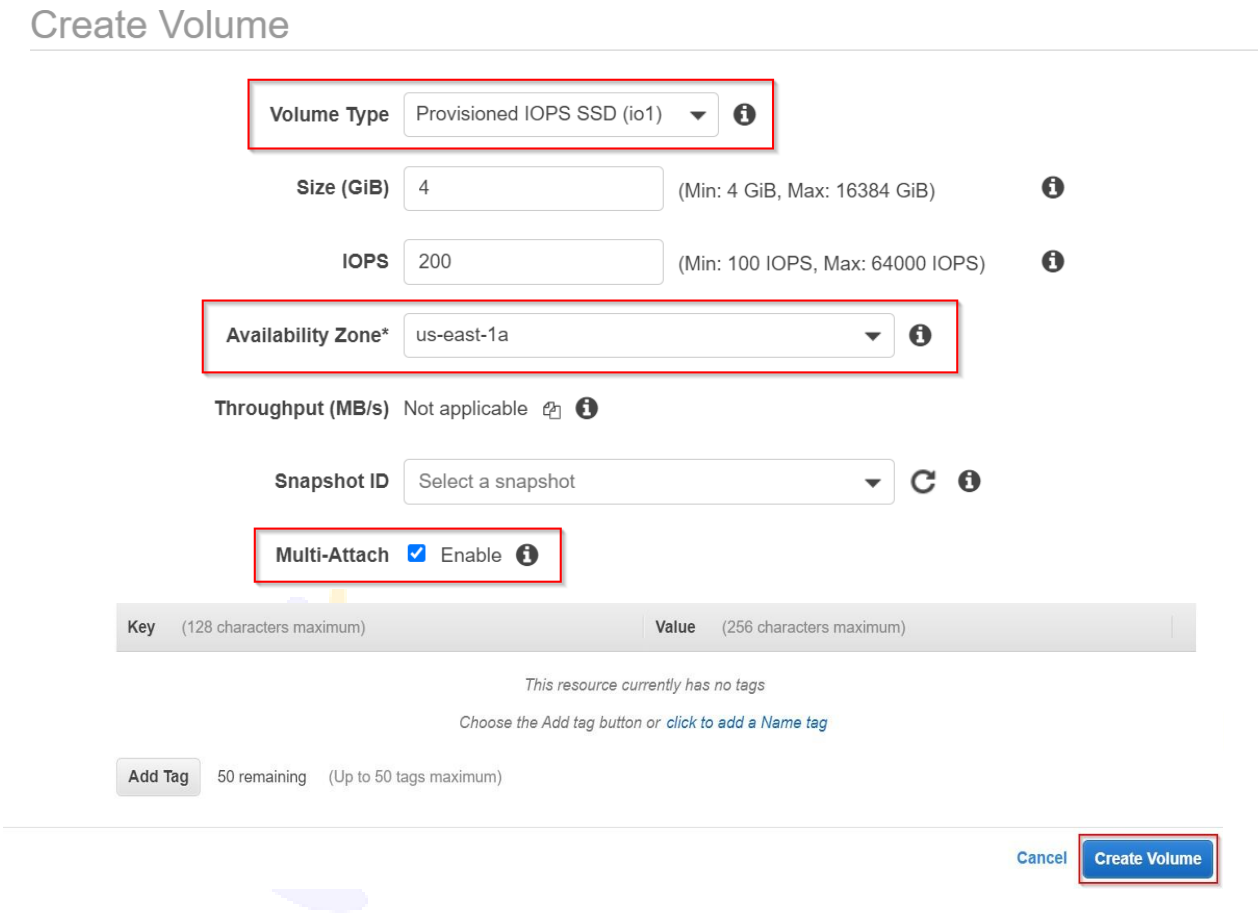
Note: These instances are not free tier eligible.



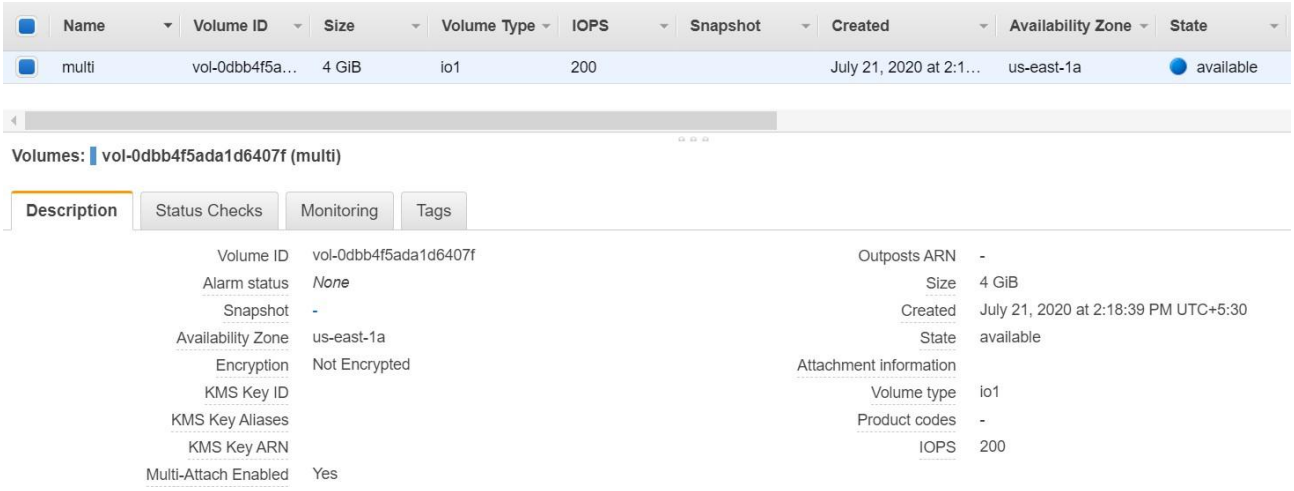
Step 2: Go to Volumes under Elastic Block Store and click on Create Volume button



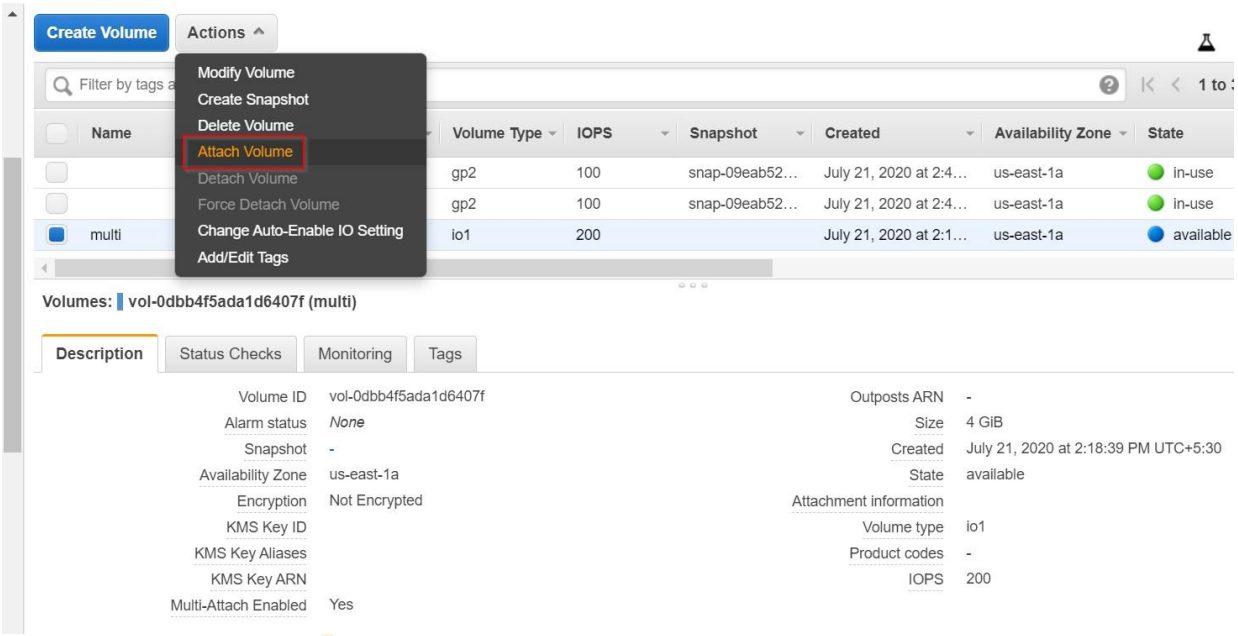
Step 3: Choose the **Provisioned IOPS** option because only then you will get a Multi-attach option. Choose the AZ as the once in which your EC2 instances are in. And the important part is to check the Multi-Attach box. Finally, click on create volume to initiate volume creation.



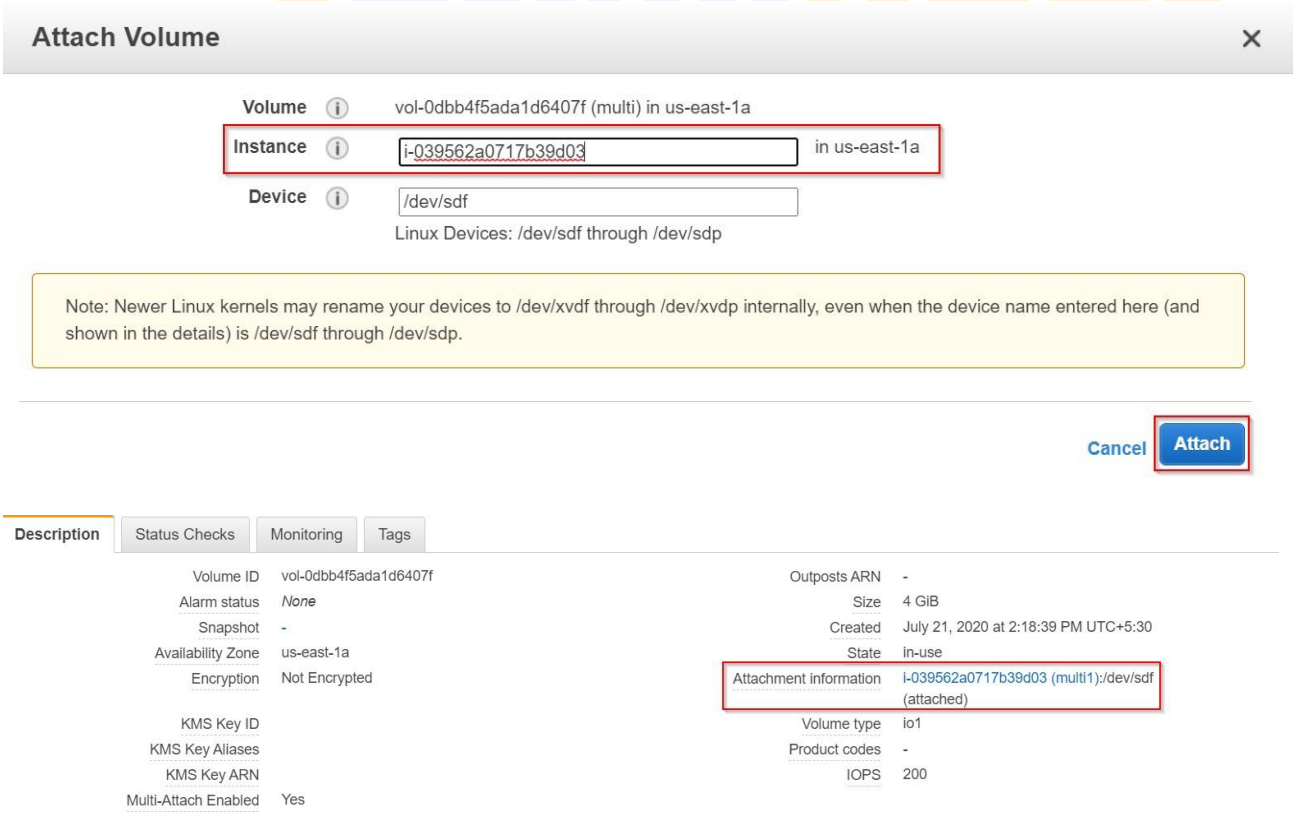
Step 4: Once created, naming your volume is optional. There are no instances attached currently to this volume which you can see under Attachment information.



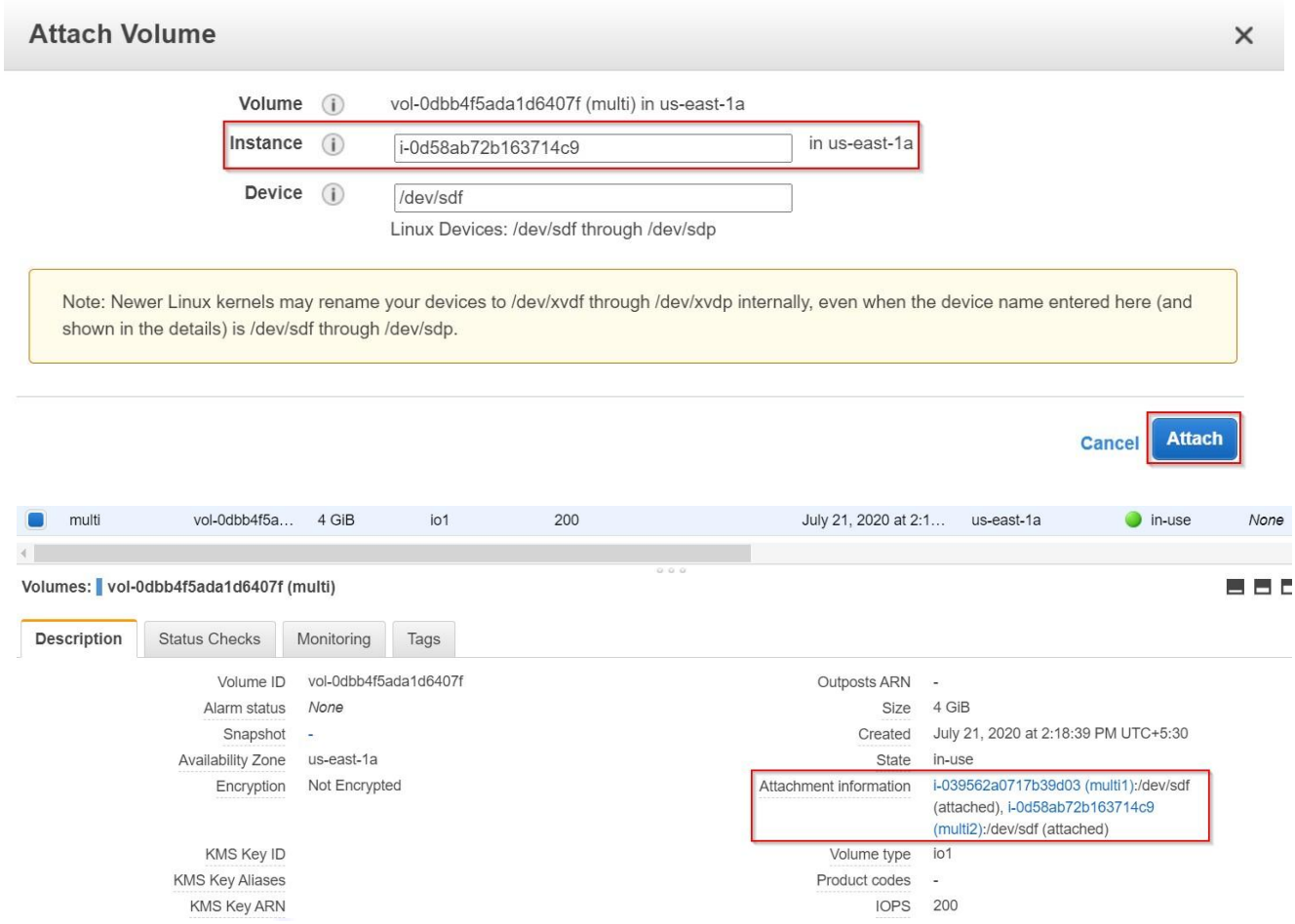
Step 5: Click on the Actions button after selecting the multi volume and choose Attach Volume.



Step 6: If you click on the Instance field, you will get the available instance options and you can only select one at the same time. Then click on Attach and it is done. The volume will now be attached with one of your instances and here it is multi1.



Step 7: Repeat Step 6 to attach the second instance as well. If you want to attach more instances, repeat the process again. In the below image, you can see both the instances are attached.



After it is attached, it is the same process as to mount any EBS volume to an EC2 instance. The AMI can be of your choosing, Amazon Linux 2 or Ubuntu or any other Linux OS.