Lab 4: Working with EBS
COS20019
Cloud Computing Architecture

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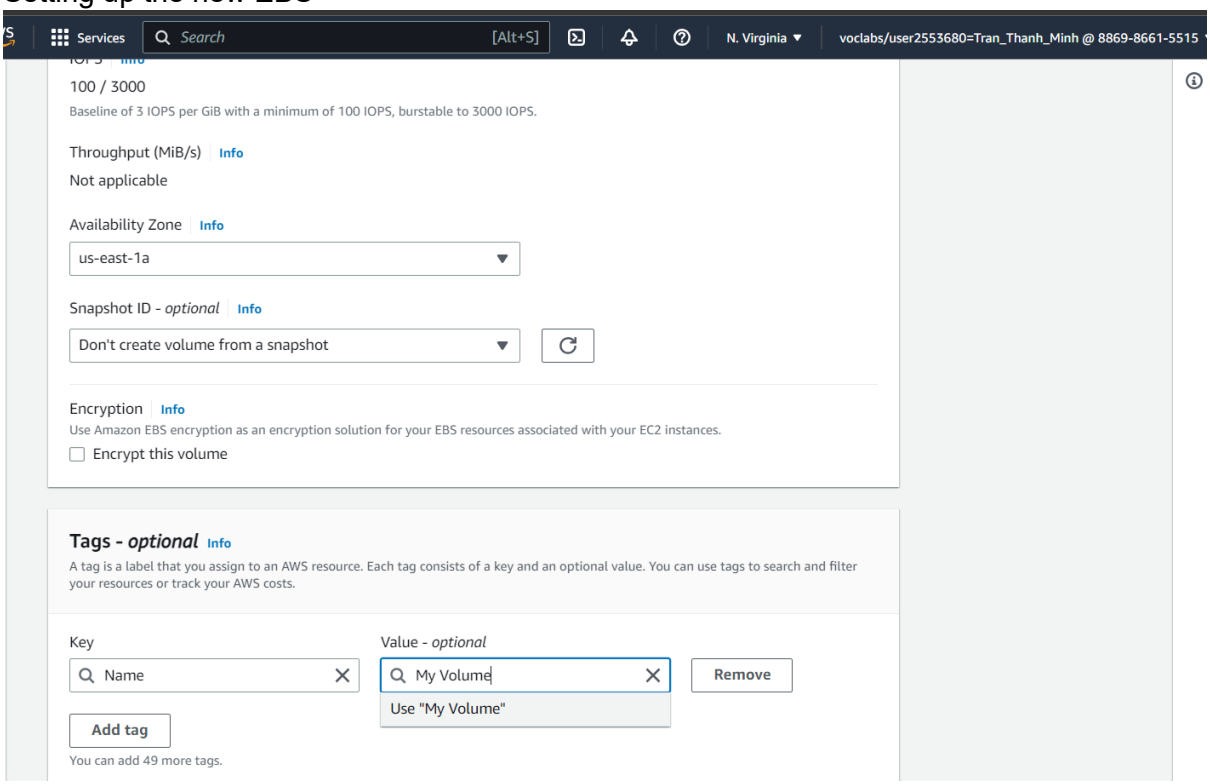
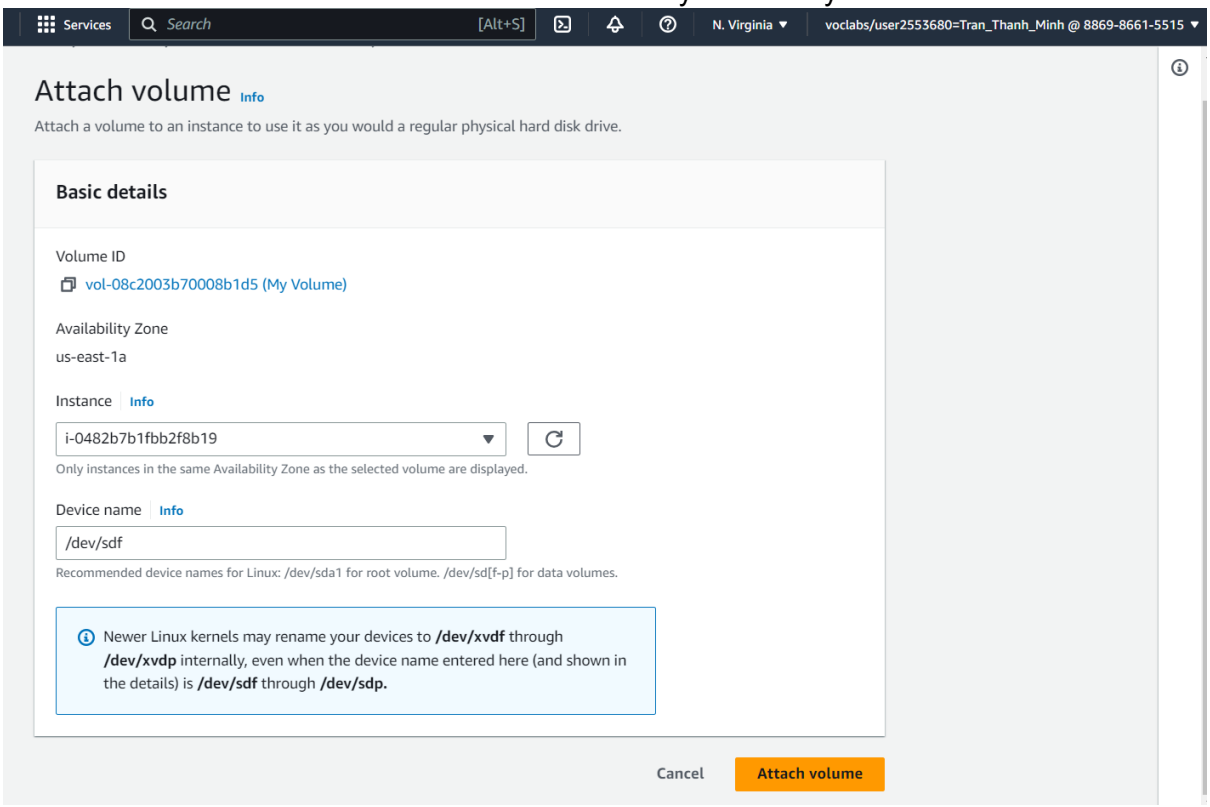
Task 1: Create new EBS volume

1. Setting up the new EBS



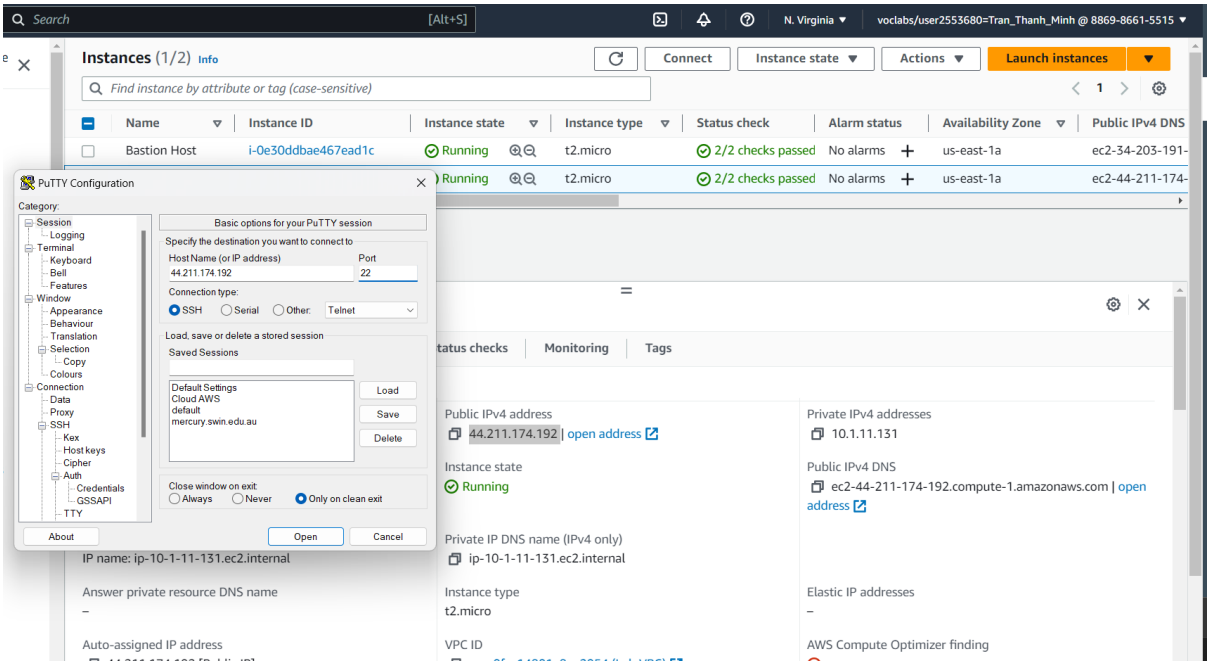
Task 2: Attach the volume to an instance

1. Attach the volume to an instance lab which is already created by default



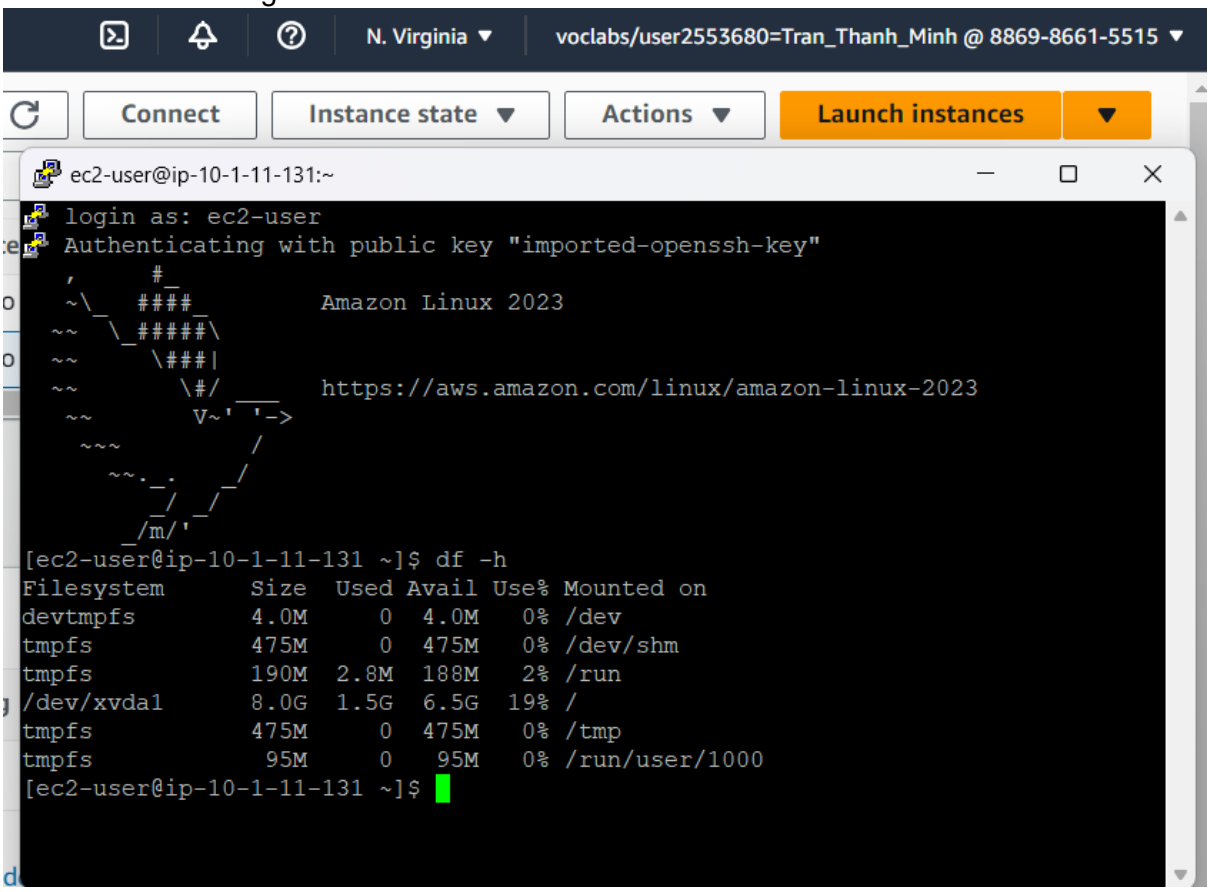
Task 3: Connect to Amazon EC2 instance

1. Connect to instance lab

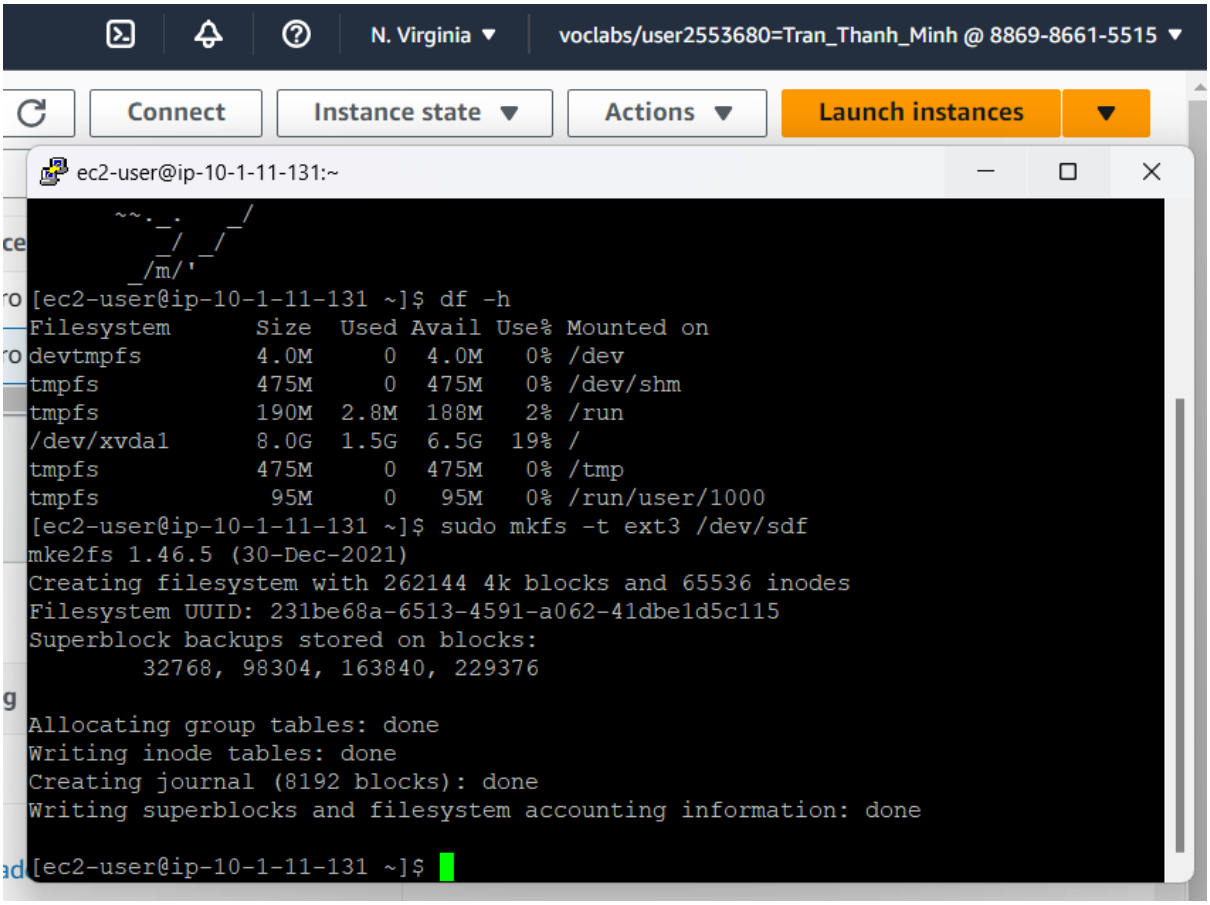


Task 4: Create and configure your file system

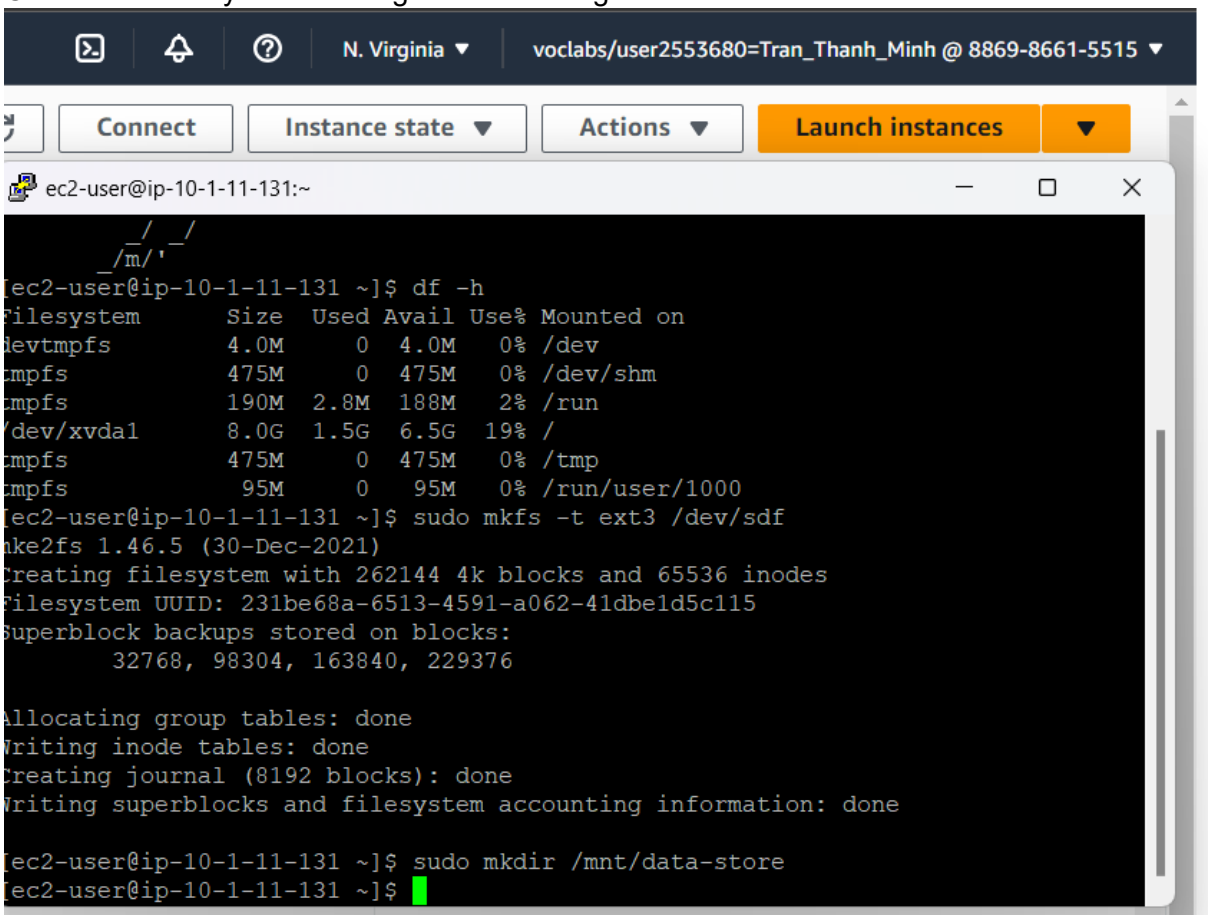
1. To view all the storage available on the instance



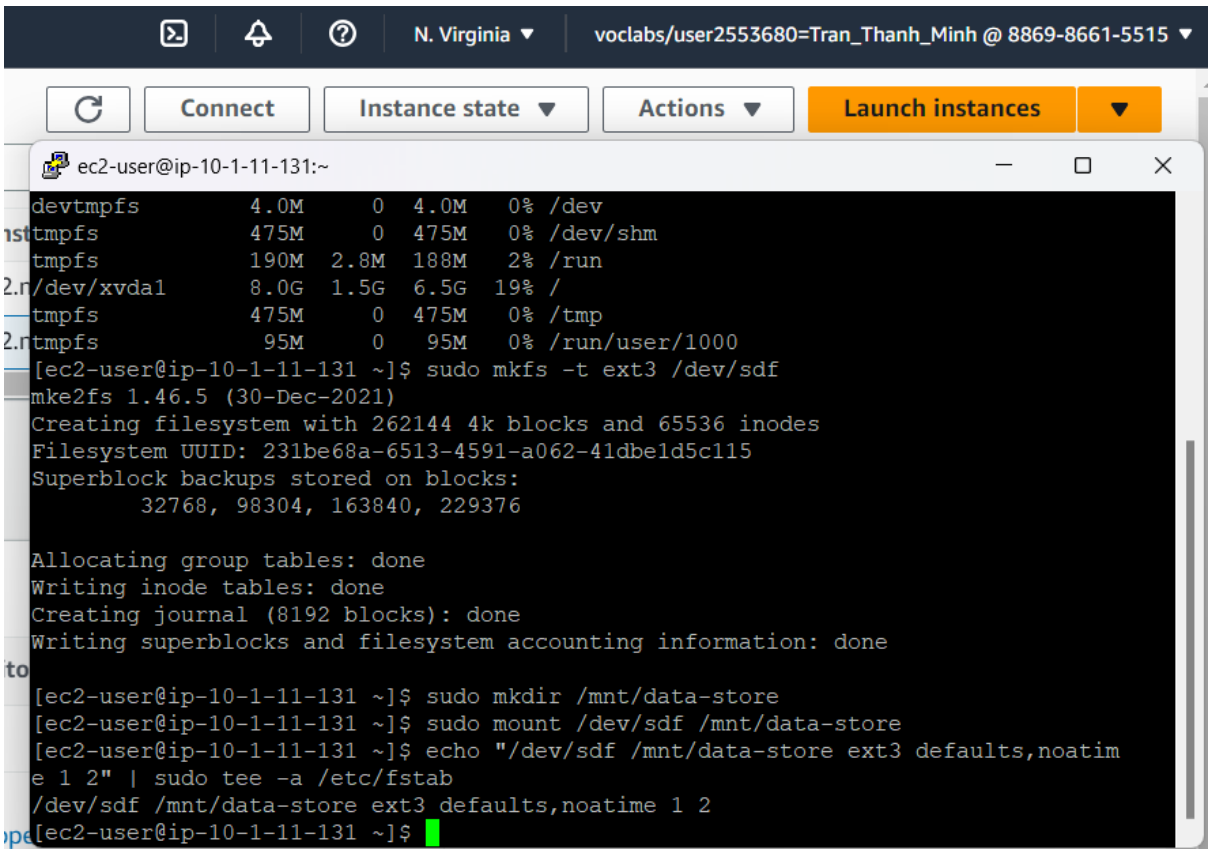
2. Create an ext3 file on the new volume



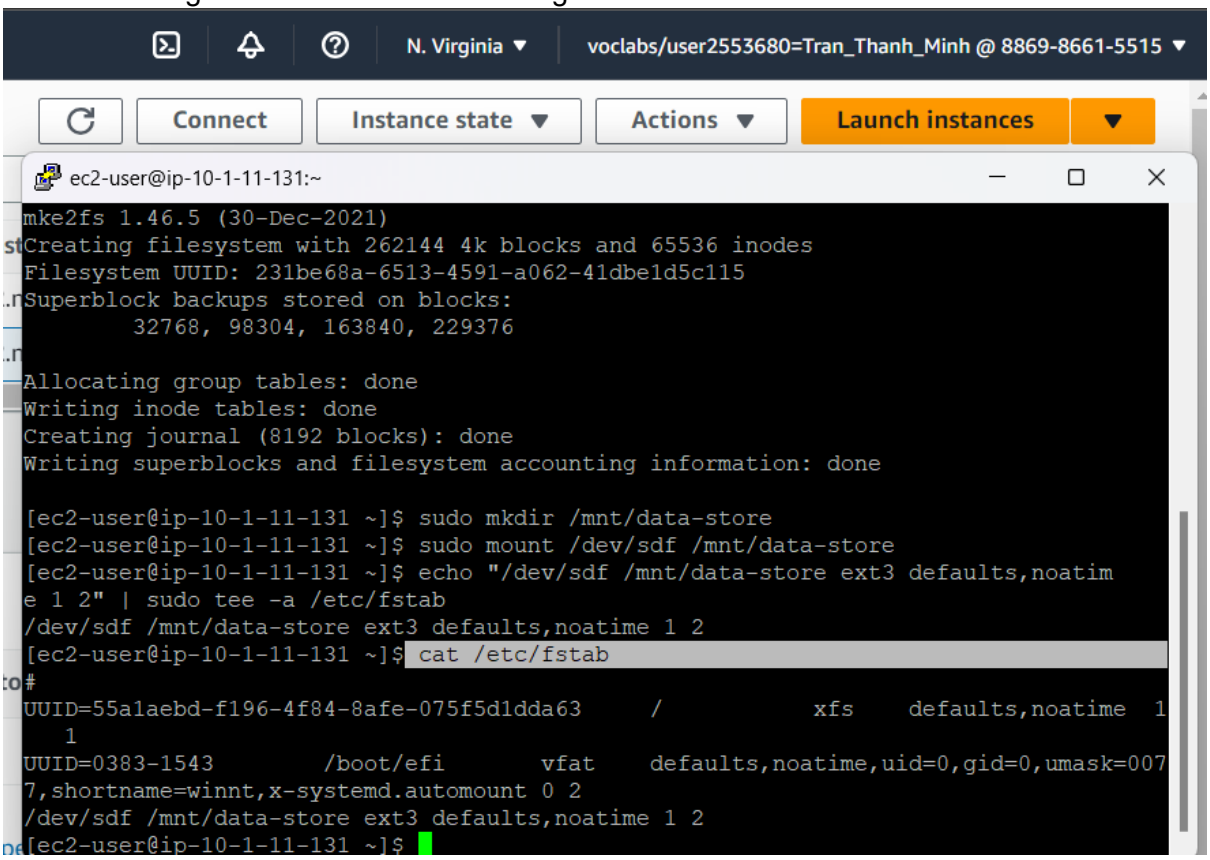
3. Create a directory for mounting the new storage volume



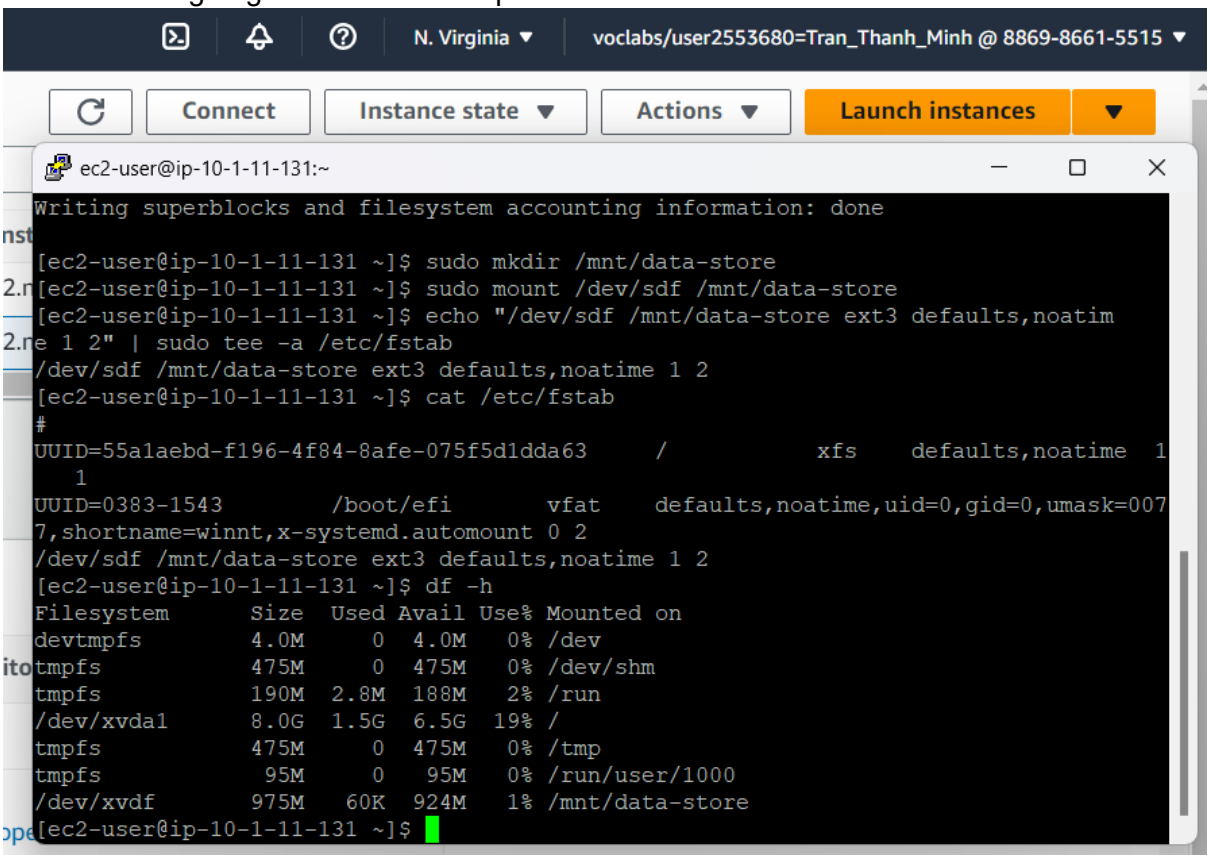
4. Mount the new volume



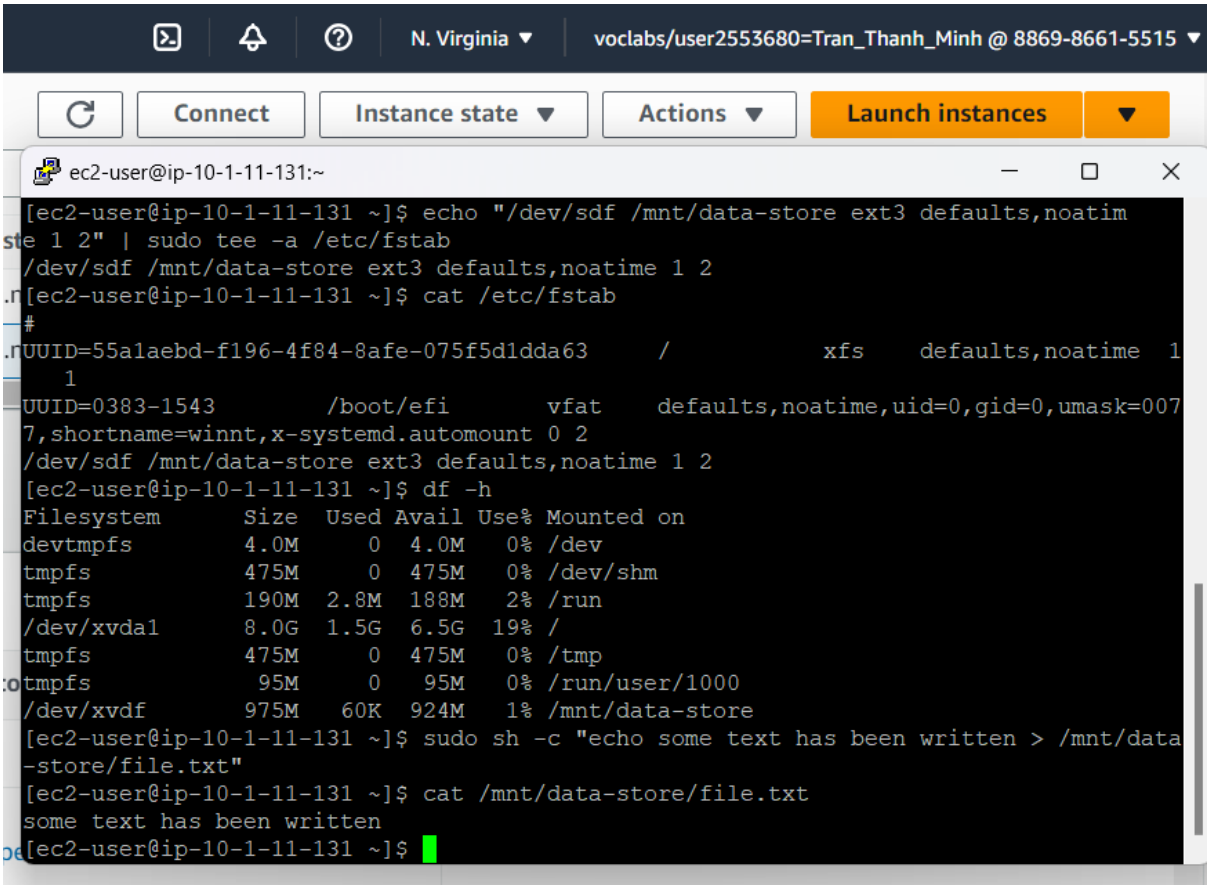
5. View the configuration file to see the setting on the last line



6. View the storage again after these steps:

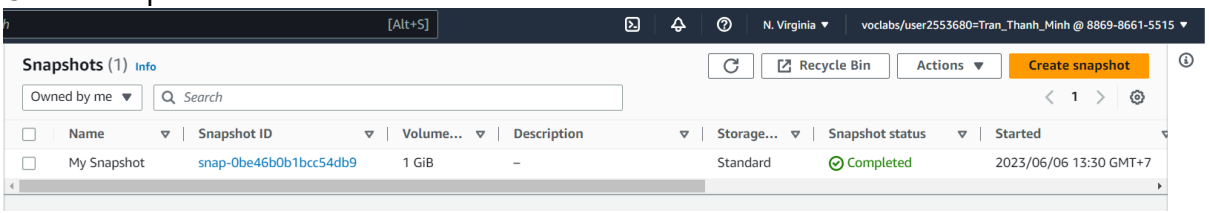


7. Create a file on the mounted volume and check the text has been written or not

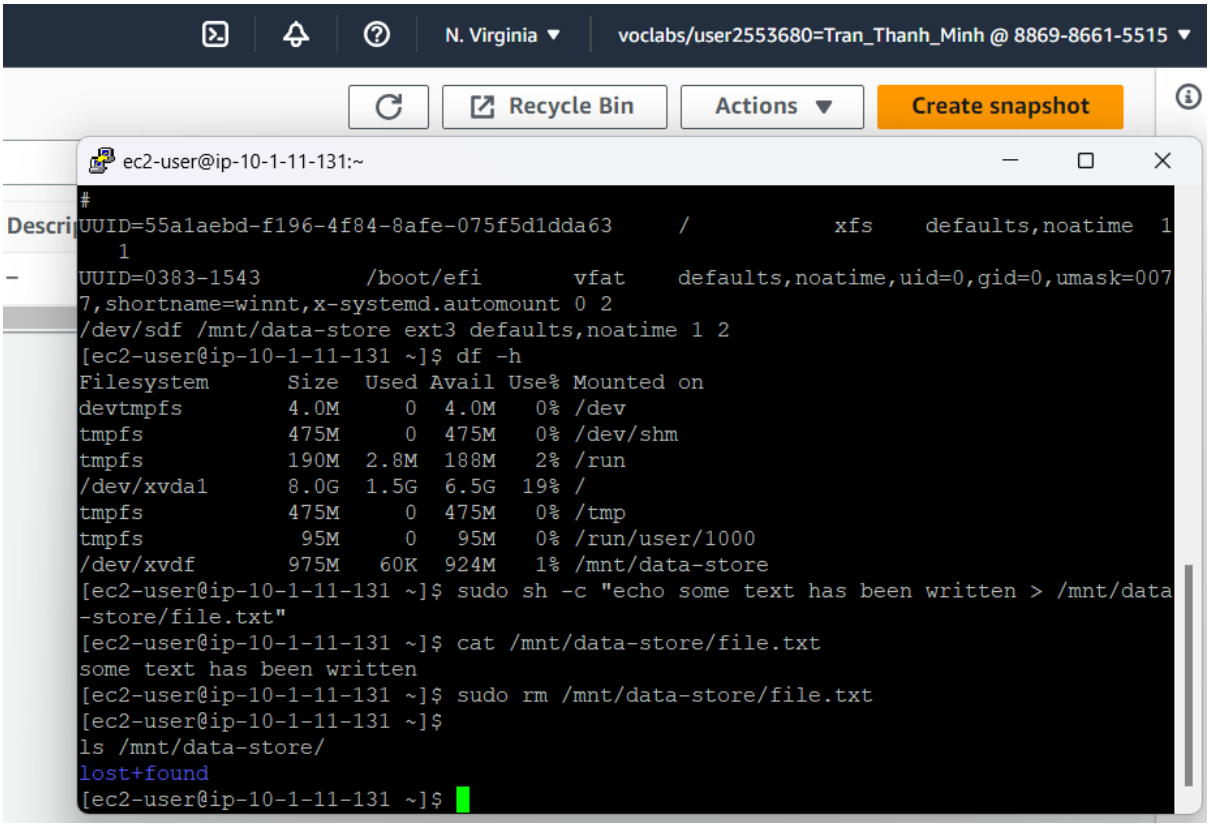


Task 5: Create an Amazon EBS snapshot

1. Create snapshot of the volume

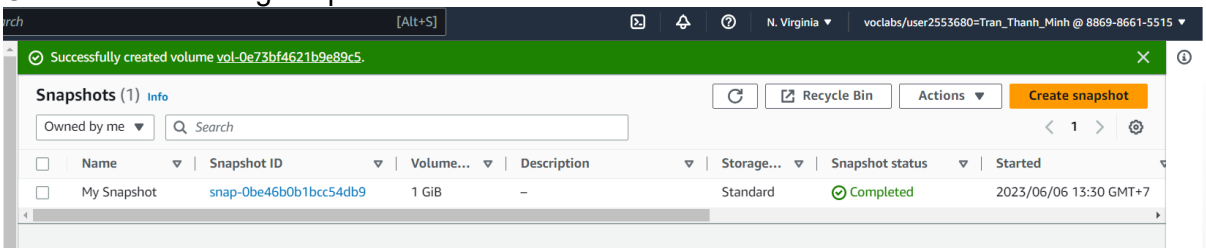


2. Delete the file and see the file has been deleted

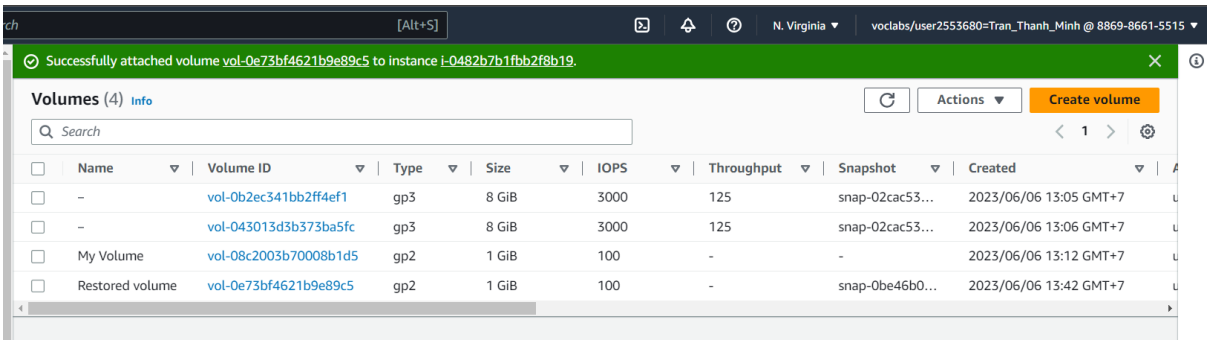


Task 6: Restore the Amazon EBS snapshot

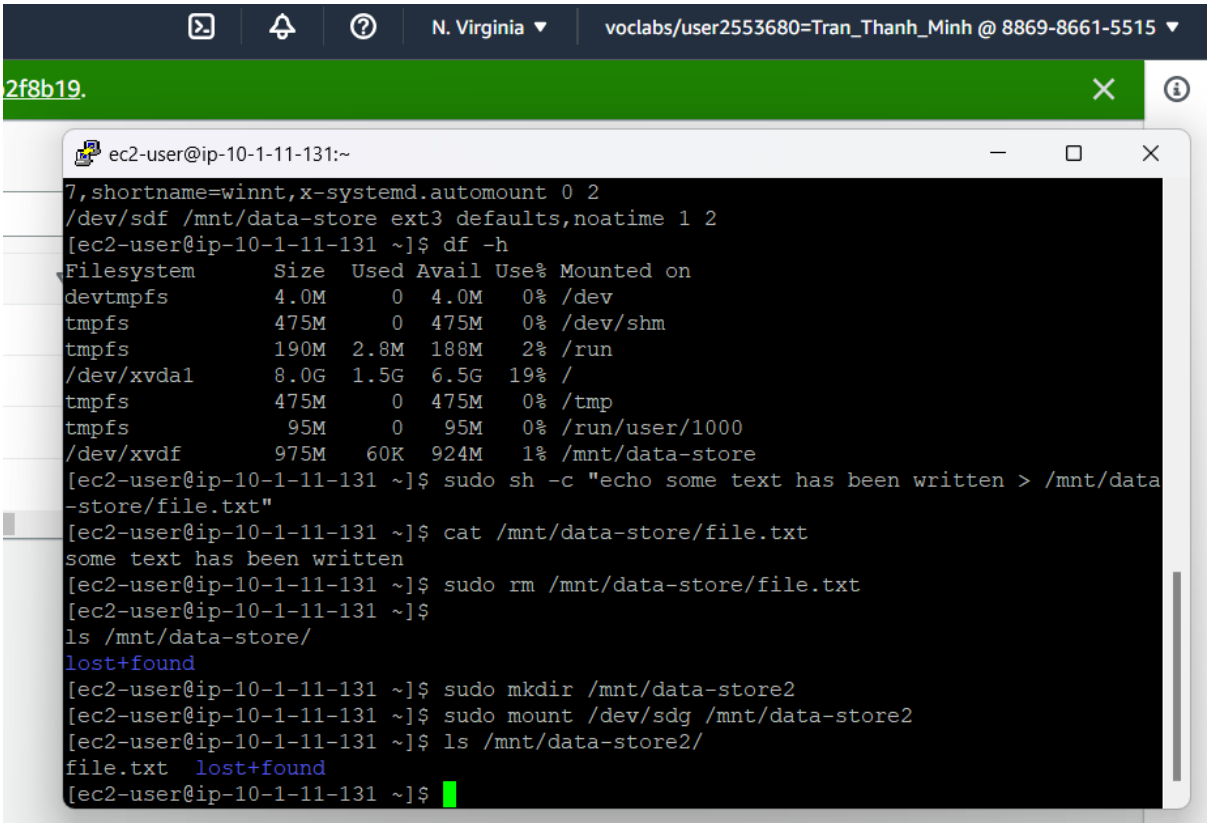
1. Create volume using snapshot



2. Attach the restored volume to EC2 instance



3. Mount the restored volume, then create the directory for mounting the new storage volume and mount it then check it the volume has the file I have created earlier



4. The data has been restored