Lab 4: Working with EBS

COS20019

Cloud Computing Architecture

**Tran Thanh Minh**

**103809048**

**Task 1: Create new EBS volume**

1. Setting up the new EBS A screenshot of a computer

   Description automatically generated

**Task 2: Attach the volume to an instance**

1. Attach the volume to an instance lab which is already created by default A screenshot of a computer

   Description automatically generated

**Task 3: Connect to Amazon EC2 instance**

1. Connect to instance lab A screenshot of a computer

   Description automatically generated

**Task 4: Create and configure your file system**

1. To view all the storage available on the instance A screenshot of a computer

   Description automatically generated
2. Create an ext3 file on the new volumeA screenshot of a computer

   Description automatically generated
3. Create a directory for mounting the new storage volumeA screenshot of a computer

   Description automatically generated
4. Mount the new volumeA screenshot of a computer

   Description automatically generated
5. View the configuration file to see the setting on the last lineA screenshot of a computer program

   Description automatically generated with medium confidence
6. View the storage again after these steps: A screenshot of a computer

   Description automatically generated
7. Create a file on the mounted volume and check the text has been written or notA screenshot of a computer program

   Description automatically generated with medium confidence

**Task 5: Create an Amazon EBS snapshot**

1. Create snapshot of the volumeA screenshot of a computer

   Description automatically generated with medium confidence
2. Delete the file and see the file has been deleted A screenshot of a computer program

   Description automatically generated with medium confidence

**Task 6: Restore the Amazon EBS snapshot**

1. Create volume using snapshot A screenshot of a computer

   Description automatically generated with medium confidence
2. Attach the restored volume to EC2 instanceA screenshot of a computer

   Description automatically generated
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 A screenshot of a computer screen

   Description automatically generated with medium confidence
4. The data has been restoredA screenshot of a computer program

   Description automatically generated with medium confidence