CS 519 Cloud Computing Overview

**VL04: Introduction to AWS IAM**

School of Technology and Computing

## **Instructions**

## For this activity you will be using AWS Academy Labs - **Introduction to AWS IAM**.

Please complete the provided lab.

First of all, us-east-1 is the region we have for the lab.

AWS IAM is the cloud version of microsoft active directory. In the IAM section of AWS we can go to the Users page and look at all the users that has been created thus far. And at the moment we have 3. We can also check the permissions each of these users have. IAM section also has the Groups page where we can look at the groups that has been created thus far. We also have 3 groups. We can also check the permissions of each group and we can see that each group has 1 permission.

We are able to go to a group and add users to it. We added one user to each group which gave these users permissions via the groups.

Now, instead of signing into the root user, we sign into the IAM users. We use google chrome incognito to get rid of all the sessions and cookies. We sign into user-1. Since we are a member of s3-support group, we have the permissions to see the list and content of s3 buckets. We cant see ec2 instances because we don’t have the permission.

We login as user-2., go to ec2 service, go to instances, and we were able to see instances after selecting the right server. But we were not able to stop the instance. We were also not able to see the s3 buckets since we don’t have the permission.

We now login as user-3. We go to ec2 instanges, and we are able to stop the instance this time since we have the permission.