

**CS 594**  
**Enterprise Security and Information Assurance**  
**Assignment Zero—IAM Access to VPC and EC2 Consoles**

We need to be able to test your deployment in the Amazon cloud, however we cannot ask you to leave your deployment running, because of the cost. AWS allows you to create user accounts with access to parts of your AWS console, and for this assignment you should create such a user for the grader, with the credentials to log into your AWS console. However restrict the user to only be able to access your VPC and EC2 consoles. Read access is not sufficient, since the point is to allow us to launch an EC2 instance for testing, and shut it down when finished.

Unfortunately IAM only restricts access to particular consoles (e.g., EC2), but does not yet restrict access to particular VPC and EC2 instances. You may want to work with a separate AWS account for this class, to protect your privacy if you are using AWS for anything else.

For this assignment, you should create an IAM username, with a randomly generated password to control access to the account, and with permissions just to access your VPC and EC2 consoles. Please provide the following information:

1. The URI for logging into your AWS console.
2. The IAM username that you have created.
3. The password for this IAM username.

In addition, please provide the credentials for the administrative user of the Payara instance, so they can log into Payara and deploy with your setup.

For the assignments, you will be asked to provide instructions for launching the application for testing, where appropriate.