# CSE 5234 – Distributed Enterprise Computing

Lab 4 – Cloud Essentials – Mastering Core Services

# Objectives

1. Get a good understanding of account management (console) in the cloud.
2. Create a storage (bucket) on the cloud.
3. Create and initialize a computing resource on the cloud.
4. Create a relational database on the cloud.

# Instructions

The following instructions are for completing lab objectives using Amazon Cloud Services (AWS). However, you can choose a cloud provider of your choice, such as Azure or GCP. Note, that this lab assumes that you have successfully completed Lab 2 & Lab 3.

Complete the following tutorials using Amazon Web Services (AWS)

1. Getting Started with the AWS Management Console. <https://aws.amazon.com/getting-started/hands-on/getting-started-with-aws-management-console/>.
2. Store and Retrieve a File with Amazon S3. <https://aws.amazon.com/getting-started/hands-on/backup-files-to-amazon-s3/>
3. Create an EC2 instance and run commands remotely. <https://aws.amazon.com/getting-started/hands-on/remotely-run-commands-ec2-instance-systems-manager/>
4. Create and Connect to a MySQL Database with Amazon RDS. <https://aws.amazon.com/getting-started/hands-on/create-mysql-db/>