

















AWS General Immersion Day - FAA

9:00 AM - 9:10 AM		Welcome & Introductions Let's get started with AWS!
9:10 AM - 9:30 AM		Introduction to Amazon Cloud & Compute Overview A high level introduction to the AWS cloud and an overview of the Elastic Compute Cloud (EC2).
9:30 AM - 10:00 AM		Networking in AWS Learn about Amazon VPC, VPC Security, Load Balancing, VPC Connectivity Options, and Route 53
10:00 AM - 10:15 AM		Break Take a minute to relax...
10:15 AM - 10:25 AM		Getting setup with an AWS Account Getting Into Your AWS Account for today's event
10:25 AM - 11:25 AM		Elastic Compute Cloud (EC2) - Linux - Hands on Lab This lab will walk you through launching, configuring, and customizing a web server on Amazon EC2 using the AWS Management Console.
11:25 AM - 12:25 PM		EC2 Auto Scaling Lab This lab will first walk you through the process of creating an Amazon Machine Image (AMI) from a web host created with CloudFormation. Then it will walk you through creating a launch template and setting up the web host within an auto scaling group behind an Application Load Balancer (ALB). The end result will be an auto scaling group behind a load balancer that scales based on CPU utilization of the hosts.
12:25 PM - 1:25 PM		Lunch Enjoy your meal!
1:25 PM - 1:40 PM		Storage in AWS This presentation covers AWS storage products and features such as Elastic Block Storage, Simple Storage Service, Elastic File System, Glacier, FSx, Data Transfer, Disaster Recovery Service, Storage Gateway and AWS Backup

1:40 PM - 2:00 PM		Databases in AWS Introduction to AWS database products and features to include Amazon RDS, Amazon Redshift, Amazon DynamoDB, Amazon ElastiCache, Amazon Neptune, Amazon DocumentDB, Amazon QLDB, and Amazon Timestream.
2:00 PM - 3:00 PM		Relational Database Service (RDS) Hands on Lab Create and manage an RDS mySQL database instance.
3:00 PM - 3:15 PM		Break Take a minute to relax...
3:15 PM - 3:45 PM		AWS Security Overview A discussion around AWS cloud security concepts such as the Shared Responsibility Model, Identity and Access Management (IAM) and Configuration Management.
3:45 PM - 3:55 PM		Virtual Private Cloud (VPC) Hands on Lab In this lab, you will create a VPC using the VPC wizard. You will then create additional subnets, edit the routing table and create a security group.
3:55 PM - 4:25 PM		Identity and Access Management (IAM) Hands on Lab In this lab, you will create IAM identities and test access to resources.
4:25 PM - 4:30 PM		Conclusion & Next Steps Here are some resources for you until next time...