















General Immersion Day - Volpe

10:00 AM - 10:15 AM		Welcome & Introductions Let's get started with AWS!
10:15 AM - 10:45 AM		Introduction to Amazon Cloud & Compute Overview A high level introduction to the AWS cloud and an overview of the Elastic Compute Cloud (EC2).
10:45 AM - 11:00 AM		Getting setup with an AWS Account Getting Into Your AWS Account for today's event
11:00 AM - 12:00 PM		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.
12:00 PM - 1:00 PM		Lunch Enjoy your meal!
1:00 PM - 1:30 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.
1:30 PM - 2:05 PM		Identity and Access Management (IAM) Hands on Lab In this lab, you will create IAM identities and test access to resources.
2:05 PM - 2:20 PM		Networking in AWS Learn about Amazon VPC, VPC Security, Load Balancing, VPC Connectivity Options, and Route 53
2:20 PM - 3:00 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.
3:00 PM - 3:15 PM		Break Take a minute to relax...

3:15 PM - 3:45 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
3:45 PM - 4:25 PM		Simple Storage Service (S3) Hands on Lab In this lab, you will create an S3 bucket, add objects to your bucket, enable bucket versioning and set up a lifecycle policy.
4:25 PM - 4:55 PM		Are you Well-Architected? Architecture Best Practices The AWS Well-Architected Framework helps you understand the pros and cons of decisions you make while building systems on AWS. Using the Framework helps you learn architectural best practices for designing and operating secure, reliable, efficient, cost-effective, and sustainable workloads in the AWS Cloud. It provides a way for you to consistently measure your architectures against best practices and identify areas for improvement. The process for reviewing an architecture is a constructive conversation about architectural decisions, and is not an audit mechanism. We believe that having well-architected systems greatly increases the likelihood of business success.
4:55 PM - 5:00 PM		Conclusion & Next Steps Here are some resources for you until next time...
