Running Container-Enabled Microservices on AWS (AWS-MS)

COURSE OVERVIEW:

Running Container-Enabled Microservices on AWS is designed to teach you how to manage and scale container-enabled applications by using Amazon EC2 Container Service (ECS). The course highlights the challenges of running containerized applications at scale and provides guidance on creating and using Amazon ECS to develop and deploy containerized microservices-based applications. In the hands-on lab exercises, you use Amazon ECS to handle long-running services, build and deploy container images, link services together, and scale capacity to meet demand. This course also discusses how to run container workers for asynchronous application processes.

WHO WILL BENEFIT FROM THIS COURSE?
- Developers
- System administrators
- Solutions architects

PREREQUISITES:

We recommend that attendees of this course have the following prerequisites:
- Fundamental knowledge of core AWS services and features
- Working knowledge of running containerized applications

COURSE OBJECTIVES:

This course teaches you how to:
- Design a microservices-based architecture that uses containers.
- Use Amazon ECS to run and scale a microservices-based application.
- Integrate Amazon ECS with other AWS services.

COURSE OUTLINE:

This course will cover the following concepts:
- Course Introduction
- Building Your First Container - Getting Acquainted with Docker
- Overview of Microservices on AWS
- Scaling your Container-Based Application
- Continuous Delivery Pipelines for Container-Based Microservices
- Service Discovery for Container-Based Microservices

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team
- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience
- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience
- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service
- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience