

Architecting on Amazon Web Services

COURSE OVERVIEW:

Architecting on Amazon Web Services (AWS) covers the fundamentals of AWS. It is designed to teach Solution Architects how to optimize the use of the AWS Cloud by understanding AWS services and how these services fit into a cloud solution. Your architectural solution may differ depending on industry and size of business. Because there is no one-size-fits-all design, this course highlights some AWS Cloud design patterns to help you learn how a service may fit in the overall cloud design. It also covers the best practices and lessons learned.

WHO WILL BENEFIT FROM THIS COURSE?

- Solutions Architects
- Solution Design Engineers

PREREQUISITES:

- Attended AWS Essentials course
- Working knowledge of distributed systems
- Familiarity with general networking concepts
- Working knowledge of multi-tier architectures
- Familiarity with cloud computing concepts

COURSE OBJECTIVES:

- Make architectural decisions based on the AWS recommended architectural principles and best practices
- Demonstrate basic knowledge of best security practices when using AWS
- Create a cloud migration roadmap and a plan
- Leverage AWS services to make your servers scalable
- Create a business continuity plan and achieve High Availability

COURSE OUTLINE:

Day 1

- Leveraging Global Infrastructure
- Extending On-Premises into the Cloud
- Computing in the Cloud
- Designing Storage Subsystems

Day 2

- Distributed Environments
- Choosing a Datastore
- Designing Web-Scale Media Hosting
- Event Driven Scaling
- Infrastructure as Code

Day 3

- Orchestrating Batch Processing
- Reviewing Large Scale Design Patterns
- Designing for Cost
- Planning for High Availability and Disaster Recovery

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