

AWS Security Essentials (AWS-SEC-ESS)

COURSE OVERVIEW:

This course covers fundamental AWS cloud security concepts, including AWS access control, data encryption methods, and how network access to your AWS infrastructure can be secured. Based on the AWS Shared Security Model, you learn where you are responsible for implementing security in the AWS Cloud and what security-oriented services are available to you and why and how the security services can help meet the security needs of your organization.

WHO WILL BENEFIT FROM THIS COURSE?

This course is intended for:

- Security IT business-level professionals interested in cloud security practices
- Security professionals with minimal to no working knowledge of AWS

PREREQUISITES:

We recommend that attendees of this course have:

- Working knowledge of IT security practices and infrastructure concepts, familiarity with cloud computing concepts

COURSE OBJECTIVES:

In this course, you will learn how to:

- Assimilate Identify security benefits and responsibilities of using the AWS Cloud
- Describe the access control and management features of AWS
- Explain the available methods for providing encryption of data in transit and data at rest when storing your data in AWS.
- Describe how to secure network access to your AWS resources
- Determine which AWS services can be used for monitoring and incident response

COURSE OUTLINE:

Module 1: Security on AWS

- Security design principles in the AWS Cloud
- AWS Shared Responsibility Model

Module 2: Security OF the Cloud

- AWS Global Infrastructure
- Data center security
- Compliance and governance

Module 3: Security IN the Cloud – Part 1

- Identity and access management
- Data protection essentials
- Lab 01 – Introduction to security policies

Module 4: Security IN the Cloud – Part 2

- Securing your infrastructure
- Monitoring and detective controls
- Lab 02 – Securing VPC resources with Security Groups

Module 5: Security IN the Cloud – Part 3

- DDoS mitigation
- Incident response essentials
- Lab 03 – Remediating issues with AWS Config Conformance Packs

Module 6: Course Wrap Up

- AWS Well-Architected tool overview
- Next Steps

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