APPLIED TECHNOLOGY ACADEMY

800.674.3550
Info@AppliedTechAc.com
AppliedTechnologyAcademy.com

AWS Security Essentials Training

Award Winning Training · Applied Technology Academy

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. We will address your security responsibilities in the AWS cloud and provide a brief introduction to the different security-oriented AWS services available.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Beginner	**1 Day**	**1 year: IT business-level professionals**	**$85,866**	**Yes**

Course Overview

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 as well as why and how the security services can help meet the security needs of your organization.

- What you will learn
- Identify security benefits and responsibilities when using the AWS Cloud
- Describe the access control and management features of AWS
- Understand the different data encryption methods to secure sensitive data
- Describe how to secure network access to your AWS resources

Course Outline

- **Module 1 – Security on AWS**
  - Security design principles
  - 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 1 – Introduction to Security Policies
- **Module 4 – Security in the Cloud – Part 2**
  - Securing your infrastructure

  - Monitoring and detective controls
  - Lab 2 – Securing VPC Resources with Security Groups
- **Module 5 – Security in the Cloud – Part 3**
  - DDoS mitigation
  - Incident response essentials
  - Lab 3 – Remediating Issues with AWS Config
- **Module 6 – Course Wrap-Up**
  - AWS Well-Architected Tool
  - Next steps

Intended Audience

This course is intended for:

- IT business-level professionals interested in cloud security practices
- Security Professionals with minimal 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

Follow-On Courses

- AWS Technical Essentials
- Cloud Operations on AWS

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.