

Security Engineering on AWS

Code:	AWS-SEC-ENG
Length:	3 days
URL:	View Online

Prerequisite Courses

Architect - Architecting on AWS

[View Details](#)

Operations - Systems Operations on AWS

[View Details](#)

This course demonstrates how to efficiently use AWS security services to stay secure in the AWS Cloud. The course focuses on the security practices that AWS recommends for enhancing the security of your data and systems in the cloud. The course highlights the security features of AWS key services including compute, storage, networking, and database services. You will also learn how to leverage AWS services and tools for automation, continuous monitoring and logging, and responding to security incidents.

Skills Gained

This course teaches you how to:

- Assimilate and leverage the AWS shared security responsibility model
- Architect and build AWS application infrastructures that are protected against the most common security threats
- Protect data at rest and in transit with encryption
- Apply security checks and analyses in an automated and reproducible manner
- Configure authentication for resources and applications in the AWS Cloud
- Gain insight into events by capturing, monitoring, processing, and analyzing logs
- Identify and mitigate incoming threats against applications and data
- Perform security assessments to ensure that common vulnerabilities are patched and security best practices are applied

Who Can Benefit

This course is intended for:

- Security engineers

- Security architects
- Security operations
- Information security

Course Details

Delivery Method

This course is delivered through a mix of:

- Classroom training
- Hands-on labs
- Group exercises

Hands-on Activity

This course allows you to test new skills and apply knowledge to your working environment through a variety of practical exercises.

Day 1

- Identifying Entry Points on AWS
- Security Considerations: Web Application Environments
- Application Security
- Securing Networking Communications – Part 1

Day 2

- Data Security
- Security Considerations: Hybrid Environments
- Monitoring and Collecting Logs on AWS
- Processing Logs on AWS
- Securing Networking Communications – Part 2
- Out-Of-Region Protection

Day 3

- Account Management on AWS
- Security Considerations: Serverless Environments
- Secrets Management on AWS
- Automating Security on AWS
- Threat Detection and Sensitive Data Monitoring

Related Certifications

Authorized training from ExitCertified is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native
Strategy
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