

## **AWS Security Essentials**

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# **AWS Security Essentials**

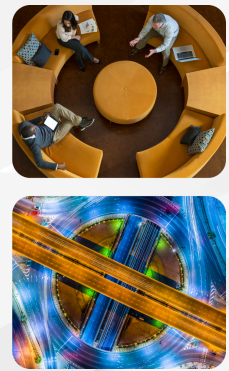
## **Overview**

AWS Security Essentials 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. This course enables you to dive deep, ask questions, work through solutions, and get feedback from AWS accredited instructors with deep technical knowledge. This is a fundamental level course and is a part of the AWS Security learning path.

## **Course Benefits**

This course is designed to teach the student how to:

- 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
- Determine which AWS services can be used for security logging and monitoring



## Agenda

Day 1

Module	Topic
Module 1	Security on AWS
Module 2	Security OF the Cloud
Module 3	Security IN the Cloud – Part 1
Lab 1	Introduction to Security Policies
Module 4	Security IN the Cloud – Part 2
Lab 2	Securing VPC Resources with Security Groups
Module 5	Security IN the Cloud – Part 3
Lab 3	Automating Incident Response with AWS Config and AWS Lambda
Module 6	Course Wrap Up