

AWS Security Governance at Scale

Course Benefits & Agenda



Overview

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Course Benefits

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Overview

Security is foundational to AWS. Governance at scale is a new concept for automating cloud governance that can help companies retire manual processes in account management, budget enforcement, and security and compliance. By automating common challenges, companies can scale without inhibiting agility, speed, or innovation. In addition, they can provide decision makers with the visibility, control, and governance necessary to protect sensitive data and systems. In this course, you will learn how to facilitate developer speed and agility, and incorporate preventive and detective controls. By the end of this course, you will be able to apply governance best practices.

Course Benefits

This course teaches you how to:

- Establish a landing zone with AWS Control Tower
- Configure AWS Organizations to create a multi-account environment
- Implement identity management using AWS Single Sign-On users and groups
- Federate access using AWS SSO
- Enforce policies using prepackaged guardrails
- Centralized logging using AWS CloudTrail and AWS Config
- Enable cross-account security audits using AWS Identity and Access Management (IAM)
- Define workflows for provisioning accounts using AWS Service Catalog and AWS Security Hub

Agenda

Day 1

Module	Topic
Module 1	Governance at Scale
Module 2	Governance Automation
Module 3	Preventive Controls
Lab 1	Deploy Resources for AWS Catalog
Module 4	Detective Controls
Lab 2	Compliance and Security Automation with AWS Config
Lab 3	Taking Action with AWS Systems Manager
Module 5	Resources