Description

The *AWS Certified DevOps Engineer – Professional* exam validates technical expertise in provisioning, operating, and managing distributed application systems on the AWS platform. Join this full-day, advanced-level course to learn how to prepare for the exam by exploring the exam's topic areas and how they map to DevOps on AWS and to specific areas to study. We will review sample exam questions in each topic area and teach you how to interpret the concepts being tested so that you can more easily eliminate incorrect responses. This course covers the core principles of the DevOps methodology and examines a number of use cases applicable to startup, small- and medium-sized business, and enterprise development scenarios. Attendees will also receive a voucher to take an additional online practice exam at no cost.

Learning Objectives

This course teaches you how to:

- Prepare for the *AWS Certified DevOps Engineer – Professional* exam
- Implement and manage continuous delivery systems and methodologies on AWS
- Understand, implement, and automate security controls, governance processes, and compliance validation
- Define and deploy monitoring, metrics, and logging systems on AWS
- Implement systems that are highly available, scalable, and self-healing on the AWS platform
- Design, manage, and maintain tools to automate operational processes

Intended Audience

This course is intended for:

- DevOps engineers
- Solutions architects
- Systems administrators

Prerequisites

We recommend that attendees of this course have the following:

- A current AWS Certified Developer – Associate or AWS Certified SysOps Administrator – Associate certification
- Good working knowledge of AWS core services
- Experience working with a programming or scripting language
- Familiarity with the Linux or Windows operating system and AWS command line interface

Delivery Method

This course is delivered through a mix of:

- Instructor-Led Training (ILT)
- Group discussion
- Sample exercise questions

Duration

Full day

Outline

This course covers the following concepts:

- Testing Center Information and Expectations
- Exam Overview and Structure
- Content Domains and Question Breakdown
- Topics and Concepts Within Content Domains
- Question Structure and Interpretation Techniques
- Practice Exam Questions