

Description

The *AWS Certified DevOps Engineer – Professional* exam validates technical expertise in provisioning, operating, and managing distributed application systems on the AWS platform. This full-day, advanced-level course is intended for individuals with 1) a current AWS Certified Developer – Associate or AWS Certified SysOps Administrator – Associate certification; 2) good working knowledge of AWS core services; 3) experience working with a programming or scripting language; and 4) familiarity with the Linux or Windows operating system and AWS command line interface. 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. In this course, you will explore the exam’s topic areas, mapping to DevOps on AWS and identifying 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.

Intended Audience

This course is intended for DevOps engineers, solutions architects, and systems administrators who are preparing to take the *AWS Certified DevOps Engineer – Professional* exam.

Course Objectives

In this course, you will learn 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

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:

- Classroom training
- Sample exercise questions

Note: There are no technical lab exercises in this course.

Duration

Full day (eight hours)

Course Outline

This course covers the following concepts:

- Testing-center information and expectations
- Exam overview and structure
- Content domains and question breakdown
- Topics and concepts with content domains
- Question structure and interpretation techniques
- Practice exam questions