Exam Readiness: AWS Certified DevOps Engineer – Professional

AWS Classroom Training

Course 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.

- Course level: Advanced
- Duration: 1 day

Activities

This course includes presentations and sample exam questions.

Course objectives

In this course, you will learn to:

- Prepare for the AWS Certified DevOps Engineer – Professional exam
- Implement and manage continuous delivery systems and methodologies on AWS
- 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:

- Individuals preparing for their AWS Certified DevOps Engineer – Professional certification exam
- DevOps engineers
- Solution architects
- Systems administrators

Prerequisites

We recommend that attendees of this course have:

- Two or more years of experience provisioning, operating, and managing AWS environments

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- 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

Course outline

This course covers the following concepts:

- Course and Exam Overview
- SDLC Automation
- Configuration Management and Infrastructure as Code
- Monitoring and Logging
- Policies and Standards Automation
- Incident and Event Response
- High Availability, Fault Tolerance, and Disaster Recovery