Course 1873: DevOps Foundation

About this course

This 2-day (16 hour) course This sixteen (16) hour course provides an introduction to DevOps – the cultural and professional movement that stresses communication, collaboration, integration and automation in order to improve the flow of work between software developers and IT operations professionals. Improved workflows result in an improved ability to design, develop, deploy and operate software and services faster. This course prepares learners to pass the DevOps Foundation certification examination.

Certification Examination Type and Duration

Upon completion of the course, candidates may sit the optional COBIT Foundation examination leading to the COBIT Foundation Certificate. The exam format is as follows:

Sixty (60) minutes is allowed for the closed-book, supervised examination which may be online or paper-based. The examination is a multiple choice format consisting of fifty (40) questions. A score of 26 out of 40 (65%) or better is required to pass the examination.

Audience

- Individuals involved in IT development, IT operations or IT service management, particularly those in an enterprise environment

- Individuals who require a detailed understanding of DevOps principles

- IT professionals working within, or about to enter, an Agile service design environment and requiring a detailed understanding of the concepts involved in interfacing Agile and DevOps

- Individuals who require an understanding of the culture changes associated with adopting DevOps

Prerequisites

An understanding of IT services and the service lifecycle is recommended. While this course has no specific prerequisites, we suggest learners:

- Browse the official syllabus, acronyms, and glossary

Duration

2 days (16 hours).

Learning Objectives

At the end of this course, attendees will be able to demonstrate an understanding of DevOps

- Goals, values and vocabulary
- Business benefits
- Demonstrated results and performance measures
- Relationship with other frameworks (e.g., Agile, Lean, IT Service Management (ITSM)
- Culture, communication, collaboration and organizational considerations
- Principles and practices
- Reliance on automation
- Adoption considerations (including how to get started)
- Challenges, risks and critical success factors
- Real-life examples and results

Course Outline

Module 1: Why DevOps?

Module 2: What is DevOps?

Module 3: DevOps Principles

Module 4: DevOps and Other Frameworks

Module 5: DevOps Culture

Module 6: DevOps Organizational Considerations

Module 7: DevOps Practices

Module 8: DevOps and Automation

Module 9: Adopting a DevOps Culture

Module 10: Summary and Exam Review

For more information or to place an order, visit pultorak.com or contact us at (206) 729-1107 or info@pultorak.com.