



**DevOps Foundation[®] Certification
Training Course - Brochure**



Get Ready for Next IT Automation Wave

What is DevOps?

DevOps is an emerging cultural and professional movement that advocates improved communication, collaboration and integration between development and IT operations in an organisation. This results in seamless workflow and provides businesses the flexibility to change quickly. DevOps has flourished over the last 4 to 5 years and enterprises are keen to add this methodology to their enterprise culture to gain better understanding of development and operations together to optimise their IT services and significantly improve their ROI.

Key Benefits of DevOps for Businesses

- Delivers better software at a faster pace to enable sustained innovation
- Creates broader enterprise security strategies
- Control of business critical data through multiple layers of data security
- Enhanced application quality and time-to-market
- Increases agility and stability of business critical processes

About DevOps Foundation Training Course

DevOps Foundation® is an entry-level course and is ideal for individuals and organisations who are looking for fundamental understanding of DevOps. As a DevOps Foundation certified professional you will be able to showcase your understanding of the fundamentals of DevOps terminology and processes. With this credential, you clearly indicate to prospective employers that you are ready for a career in IT Service Management. Thus, the credential acts as a starting point to move ahead in your ITSM career.

Who will Benefit from DevOps Foundation Certification

Job roles that can benefit from DevOps Foundation Certification include, but are not limited to:

- DevOps Engineers
- Integration Specialists
- Operations Managers
- System Administrators
- Network Administrators
- Project Managers
- Business Managers
- Automation Architects
- Application Developer / Software Programmer
- Software Tester / QA
- Business (Requirements) Analyst

About Invensis Learning

Invensis Learning is a pioneer in providing globally-recognised certification training courses for individuals and enterprises worldwide. Our training methodology coupled with high quality courseware have enabled organisations to achieve high-impact learning with increased knowledge, competence, and performance.

We offer courses in various categories such as Project Management, IT Service Management, IT Security and Governance, Quality Management, Agile Project Management, DevOps, and Cloud Courses. We have trained 10000+ professionals worldwide and are a trusted partner for Fortune 500 companies, small and medium businesses, and government organisations to deliver globally-recognised training and certification programs. Invensis Learning certification training programs are adhered to global standards such as PMI, TUV SUD, AXELOS, ISACA, DevOps Institute, and PEOPLECERT.

Get Invensis Learning Advantage

- PEOPLECERT accredited certification training
- Expert trainers with international training and consulting experience
- Exam fees included in the training
- Full-length practice tests with answers and explanations for each question
- Interactive and engaging learning sessions that maximise your learning outcomes
- Instructor-led classroom trainings that are always on schedule
- 18 Contact Hours / PDUs certificate provided
- Get DevOps Foundation certified in only 2 days
- Classes across 108+ locations worldwide
- In-house training programs available for enterprises
- Customised DevOps Foundation training workshops for individuals
- Attractive discounts for group of 4 or more participants

DevOps Course Overview

- **Course Introduction**
 - DevOps Foundation Course Goals
 - DevOps Foundation Course Agenda
 - Exam Requirements
 - Questions Weightage
- **Why DevOps**
 - The Business Perspective
 - The IT Perspective
 - Dev and Ops Stereotypes: Perceptions and Realities
- **What is DevOps?**
 - DevOps Introduction
 - DevOps Stakeholders
 - DevOps Goals
 - DevOps Values
 - DevOps Business Value
 - What DevOps is NOT
 - Who's Doing DevOps
 - Enterprise DevOps
- **DevOps Principles**
 - The Three Ways

- **DevOps and Other Frameworks**
 - DevOps and Agile
 - DevOps and Lean
 - DevOps and IT Service Management
- **DevOps Culture**
 - Understanding Organizational Culture
 - Characteristics of Organizational Culture
 - Characteristics of a DevOps Culture
 - Managing Culture Change
- **DevOps Organizational Considerations**
 - DevOps Skills
 - DevOps Teams
 - DevOps Organizational Structures
 - DevOps Roles
- **DevOps Practices**
 - Continuous Integration
 - Continuous Delivery
 - Continuous Deployment
 - Value Stream Mapping
 - Kanban
 - Theory of Constraints
 - Experimentation and Learning
 - The Deming Cycle


- Improvement Kata
- Preparing for Failure
- ITSM Process Improvement Practices
- **DevOps Automation Practices and Tool**
 - DevOps Automation Practices
 - Where to Begin
 - Application Life Concerns and Tool
 - Categories
- **Adopting a DevOps Culture**
 - Getting Started
 - Challenges, Risks and Critical Success Factors




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