



DEVOPS FOUNDATION CERTIFICATION At a Glance

› ACCELERATE
INNOVATION,
EXCEED
EXPECTATIONS,
OUTPACE
COMPETITION

peoplecert.org/devops-foundation



WHAT IS DEVOPS FOUNDATION CERTIFICATION?

The DevOps Foundation certification establishes a baseline understanding of DevOps concepts to accelerate innovation and software delivery. Learn the basic DevOps concepts, principles, and practices needed to deliver high-quality software solutions quickly, exceed customer expectations, and outpace competitors.

AT A GLANCE



KEY BENEFITS

Earn Globally Recognized Certifications

Our certifications are recognized worldwide as a symbol of DevOps expertise. Getting certified enables you to prove your knowledge of essential DevOps practices and principles, along with your commitment to continuous growth.

Remain Competitive in a Fast-paced Market

Obtaining in-demand IT certifications helps you enhance your resume, participate in transformative DevOps initiatives and gain access to multiple career advancement opportunities.

Stay Ahead of Evolving Technologies

Certification allows you to validate your knowledge, while gaining expertise in DevOps best practices, tools and methodologies, and staying abreast of the latest industry developments.

Gain practical, in-demand skills

Gain valuable skills that are applicable in a real-world DevOps environment, through practical exercises and engaging discussions.

Improve Service Quality and Reliability

Learning to streamline processes and improve collaboration between teams enables you to deliver better, more reliable solutions.



WHAT WILL YOU LEARN?

Exploring DevOps

Dive into the fascinating field of DevOps to discover its role and why it's becoming increasingly significant today.

Core DevOps Principles

Learn key DevOps principles including the Three Ways, the Theory of Constraints, Chaos Engineering, and Learning Organizations.

Key DevOps Practices

Explore key DevOps practices such as Continuous Testing, Integration, Delivery, Deployment, Site Reliability and Resilience Engineering, DevSecOps, ChatOps, Monitoring and Observability, Value Stream Management, and Platform Engineering.

Business and Technology Frameworks

Explore Agile and Lean methods, ITSM, VSM, SRE, Safety Culture, Learning Organizations, and Continuous Funding.

Culture, Behaviours, Operating Models

Learn how to define Organizational Culture, Cultural Debt, Behavioural Models and Organizational Maturity Models.

Automation, Architecting DevOps Toolchains

Explore CI/CD, IaC, Cloud, Containers, and Microservices, Machine Learning, Automation, DevOps Toolchains, VSM Platforms, Platform Engineering, and Generative AI Use Cases.

Measurement, Metrics, and Reporting

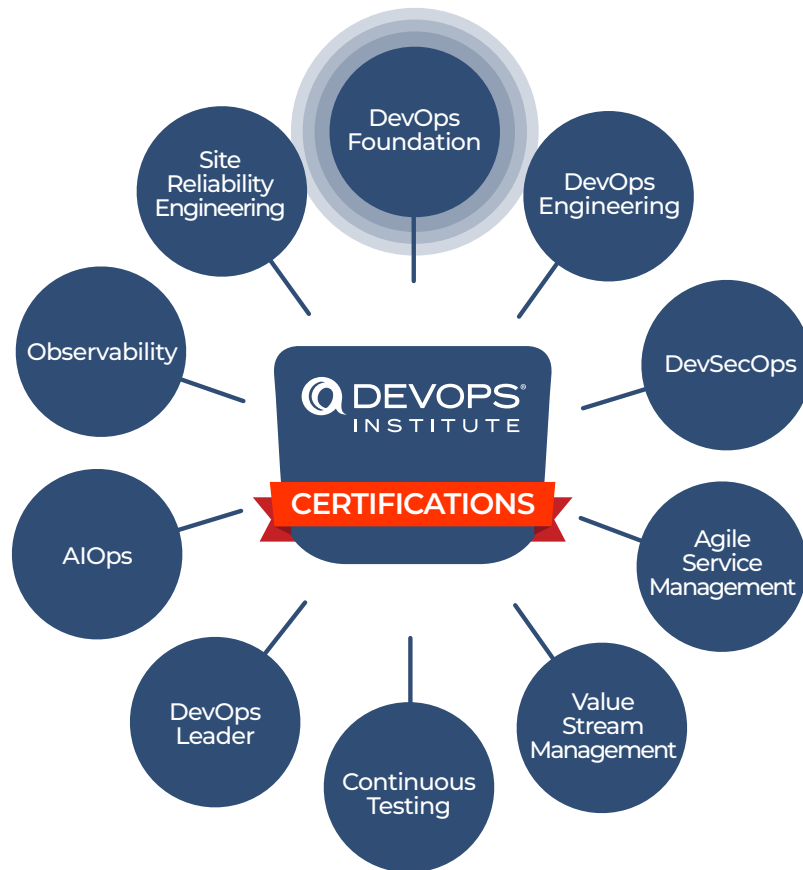
Gain an in-depth understanding of DevOps metrics, including Speed, Quality, Stability, Culture, Change Lead/Cycle Time, Value Driven Metrics, DevOps Dashboards, and AIOps.

Sharing, Shadowing and Evolving

Take a closer look at DevOps in the enterprise, particularly DevOps leadership, the common challenges, risks, and critical success factors of implementing DevOps, and how to get started.



DEVOPS INSTITUTE CERTIFICATIONS



DevOps
Foundation

COURSE OBJECTIVES

THE LEARNING OBJECTIVES FOR DEVOPS FOUNDATION INCLUDE AN UNDERSTANDING OF:

DevOps objectives
and vocabulary

Benefits to
the business and IT

Principles and practices
including Continuous
Integration, Continuous
Delivery, testing, security
and the Three Ways

DevOps relationship to Agile,
AIOps, Generative AI, Lean,
ITSM, VSM, SRE and
Platform Engineering

Improved workflows,
communication and
feedback loops

Automation practices
including deployment pipelines
and DevOps toolchains, AIOps
and Generative AI use cases

Scaling DevOps for
large organizations

Critical success factors
and key performance
indicators

AI Use cases

Real-life examples
and results

EXAM INFORMATION



40 multiple
choice
questions



60
minutes



Open
book*



Minimum
pass mark:
65%



No
Prerequisites



Certification
renewal
every 3 years

* For open book exams, **only Official Training Materials** from an authorized training organization may be used.

Visit the PeopleCert website for more information about
the DevOps Foundation certification and training options!

Start Your DevOps Institute Journey Today
and Advance Your Career

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