



SCALED AGILE TRAINING

SAFe® DevOps Practitioner (SDP Certification)

Master SAFe DevOps practices to optimize value streams and accelerate flow in your organization. Earn your SDP certification.

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The SAFe® DevOps Practitioner (SDP) certification is an intensive, intermediate-level course designed for professionals looking to master the principles and practices of DevOps within a Scaled Agile Framework (SAFe) context. Over 16 hours, participants will learn how to apply Lean-Agile principles to optimize their entire value stream, from ideation to operational excellence. This course delves into the Continuous Delivery Pipeline, providing practical strategies to build, implement, and manage a robust CI/CD pipeline, ensuring faster time-to-market and enhanced product quality. You will explore critical concepts like continuous exploration, continuous integration, continuous deployment, and release on demand, all foundational to a successful DevOps transformation.

This certification empowers you to become a key driver in your organization's digital transformation journey. By mastering the CALMR (Culture, Automation, Lean flow, Measurement, Recovery) approach to DevOps, you will gain the skills to foster a collaborative culture, leverage automation for efficiency, ensure a smooth flow of work, establish meaningful metrics, and build resilient systems that can recover quickly. Professionals who complete this course will be equipped to identify bottlenecks, streamline development processes, and significantly contribute to accelerating value delivery within their SAFe enterprise, leading to improved business outcomes and competitive advantage.

Duration	16 hours
Level	Intermediate
Vendor	Scaled Agile

PREREQUISITES

- Experience in software development or IT operations
- Familiarity with Agile concepts

COURSE CURRICULUM

01 Introducing SAFe DevOps and the Value Stream

- What is DevOps? Principles and Benefits
- DevOps in a SAFe Context
- Understanding the Value Stream and its Optimization
- The CALMR Approach to DevOps

02 Continuous Exploration and Integration

- Exploring Customer Needs and Vision
- Architecting for Flow
- Building Quality In: Continuous Integration Practices
- Trunk-Based Development and Feature Branching
- Automated Testing Strategies

03 Continuous Deployment and Release on Demand

- Designing for Continuous Deployment
- Infrastructure as Code and Configuration Management
- Automating Deployments and Environments
- Decoupling Deployment from Release
- Achieving Release on Demand Capabilities

04 Operational Excellence and Measurement

- Site Reliability Engineering (SRE) Principles
- Monitoring and Telemetry for DevOps
- Building a Culture of Continuous Learning
- Value Stream Metrics and KPIs
- Fast Recovery and Resilience Patterns

05 Implementing the SAFe DevOps Transformation

- Leading the DevOps Transformation
- Organizing for DevOps
- Applying DevOps Across the Enterprise (ARTs, Solution Trains)
- Creating an Action Plan for SAFe DevOps Implementation

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **SAFe DevOps Specialist**
- > **Continuous Delivery Pipeline Lead**
- > **Agile Release Train DevOps Coach**

FREQUENTLY ASKED QUESTIONS

Q: How does the SAFe® DevOps Practitioner (SDP) certification specifically enable me to optimize CI/CD pipelines and accelerate value delivery within a large-scale agile environment?

This course provides the practical tools and techniques to design, implement, and manage a robust Continuous Delivery Pipeline (CDP) in a SAFe enterprise. You'll learn how to apply practices like continuous exploration, integration, deployment, and release on demand, enabling you to identify and eliminate bottlenecks, streamline flow, and significantly reduce time-to-market for new features and solutions. It's about building a predictable, high-quality delivery mechanism scaled for complex organizations.

Q: What foundational knowledge or experience is recommended before taking the SAFe® DevOps Practitioner (SDP) course to maximize my learning?

While there are no strict prerequisites, a basic understanding of Agile principles and some familiarity with SAFe is highly beneficial. Experience working in a development, operations, or quality assurance role within an IT organization will allow you to connect the course concepts directly to real-world challenges. Prior exposure to continuous integration or deployment tools, even at a basic level, will also enhance your learning experience.

Q: Beyond technical skills, what cultural and organizational transformation aspects of DevOps does this SDP certification address within a SAFe context?

The SDP certification emphasizes the CALMR approach to DevOps, which places significant focus on cultural transformation. You will learn strategies to foster a collaborative culture between development and operations, overcome organizational silos, and build shared responsibility for value delivery. The course also covers how to implement Lean-Agile principles across the value stream, ensuring that not just tools, but also people and processes are aligned for continuous improvement and innovation within a SAFe enterprise.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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