TRENDS | Academy
Learning | Evolving | Empowering

SAFe® DevOps Practitioner (SDP) Certification

Course Duration: 2 Days

Course Description:

To compete in a disruptive global market, every organization needs to deliver valuable technology solutions at the speed of business. This requires a shared DevOps mindset among all the people needed to define, build, test, deploy, and release software-driven systems—not just the engineers operating a CI/CD pipeline.

The two-day, interactive Certified SAFe® DevOps Practitioner Training course in the United States, USA helps people across technical, non-technical, and leadership roles work together to optimize their value stream from end to end. Attendees will learn what DevOps is, why it is important to every role, and design a continuous delivery pipeline that is tailored to their business. Attendees work in cross-functional teams to map their current state value stream from concept to cash, identify major bottlenecks to flow, and build an actionable implementation plan that will accelerate the benefits of DevOps in their organization.

Course Objective:

- Explain how DevOps enables strategic business objectives.
- Apply a CALMR approach to DevOps to avoid automating broken processes.
- Understand how successful DevOps requires continuous exploration, continuous integration, continuous deployment, and the ability to release to end users on demand.
- Incorporate continuous testing and continuous security into the delivery pipeline.
- Use value stream mapping to measure flow and identify bottlenecks in the end-to-end delivery process.
- Select DevOps skills and tools strategically for the fastest, most compelling results.
- Prioritize DevOps solutions and investments for greatest economic benefit.
- Design and implement a multi-phased DevOps transformation plan tailored to their organization.
- Work with all roles and levels in the organization to continually optimize the value stream.

Target Audience:

- Members of an Agile Release Train and/or value stream
- Product Owners, Scrum Masters, Developers, Testers, and other Agile Team members
- Operations and Infrastructure engineers and practitioners
- Change Management professionals, Configuration Managers, and Release Managers
- Architects, Database Administrators, and Information Security professionals
- Product Managers, Portfolio Managers, Product Owners, Release Train Engineers, and UI/UX Developers
- Development, Engineering, QA, Infrastructure, and Operations Managers
- IT and Business change agents, leaders, and executives

Course Outline:

Introducing DevOps

- ➢ Recognize the problem to be solved
- ➢ Explain DevOps and its benefits
- ➢ Describe core DevOps principles

Mapping your value stream

- ➢ Explain the purpose of mapping the Value Stream
- ➢ Evaluate the efficiency of your current Value Stream

Gaining alignment with continuous exploration

- ➢ Building quality with continuous integration
- ➢ Reducing time-to-market with continuous deployment
- ➢ Delivering business value with the release on demand

Building quality in with continuous integration

- ➢ Build continuously
- ➢ Test end-to-end

Reducing time-to-market with continuous deployment

- ➢ Release on demand
- ➢ Monitor for problems
- ➢ Respond and recover

Delivering business value with the release on demand

- ➢ Stabilize the Solution
- ➢ Measure the business value

Taking action

- ➢ Craft an action plan for DevOps transformation

REGISTER NOW!
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