

Updated on 16/04/2024

Sign up

SAFe DevOps Practitioner® Certification Preparation Course (SDP SAFe4)

ALL-IN-ONE: EXAMINATION INCLUDED IN PRICE

2 days (14 hours)

Presentation

SAFe, published by [Scaled Agile](#), is a framework for implementing agility on a large scale.

Based on agile frameworks such as Scrum, XP and Kanban, it explains how to enable several teams to work together on a product portfolio.

This training helps you understand how DevOps practices will help deliver product value. You'll develop your skills in value stream management, continuous improvement and cross-functional collaboration, essential for success in a DevOps environment.

A large [proportion of companies](#) have decided to start with Agile, and with our SAFe DevOps Practitioner® (SDP SAFe4) training course, you'll be able to adopt this method so you can communicate more effectively between your different teams.

This certification will validate your skills in agile methods and open up new career opportunities.

Objectives

- Understand the principles of the Scaled Agile Framework (version 4.6).
- Passing the Leading SDP SA exam

Target audience

- Managers
- Project managers
- Project managers
- Architects
- Developers
- Production engineers
- Integrators
- Anyone involved in implementing agility on a large scale

PREREQUISITES

- Knowledge of agility concepts (Scrum, XP, Kanban, Lean)
- Significant experience within an Agile team
- Good level of English

Note: Ambient IT is not the owner of SAFe DevOps Practitioner® training (SDP SAFe4), this certification belongs to Scaled Agile, Inc.

SAFe DevOps TRAINING PROGRAM Practitioner

INTRODUCTION to DevOps

- Problem to be solved
- What is DevOps?
- History of DevOps
- The benefits of implementing DevOps
- DevOps principles
- Workshops
 - Discussion based on a red thread story
 - Discover all aspects of DevOps

Describing the Value Stream

- The concept of Value Stream Mapping
- Defining the initial state
- Identify key measures
- Workshop
 - Graphical representation of a Value Stream by group

Ensuring alignment through continuous exploration

- Principle of Lean Startup
- Exploring needs

- Lean User experience
- Vision, roadmap and Program Backlog
- Workshop
 - Discussion based on the red thread

Ensuring quality with continuous integration

- Development techniques (TDD, version management, pair programming, etc.)
- Automatic build and test execution
- Testing the complete chain
- Management of test and validation environments
- Workshop
 - Evaluation of solutions implemented in trainee projects

Reduce Time to Market with continuous deployment

- Production deployment mode
- Check the deployed solution
- Monitoring and telemetry
- Solving production problems
- Workshops
 - Improvement of the Value Stream created at the beginning of the course
 - Evaluation of solutions implemented in trainee projects

Delivering value through on-demand delivery

- Techniques for separating production deployment and releases
- Stabilize the solution (resilience, security)
- Measuring the value delivered to customers
- Feedback and learning
- Workshops
 - Improving the value stream created at the start of the course
 - Evaluation of solutions implemented in trainee projects

Creating an action plan

- Implementation of DevOps practices in each trainee's project

Information on the SAFe DevOps Practitioner (SDP) exam

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.