



## SAFe® 6.0 DevOps

Duration: 2 days

### Course Overview

#### Optimising Your Value Stream

Delivering valuable solutions faster doesn't involve just engineers developing software. It involves introducing a shared DevOps mindset among all the people who define, build, test, deploy, and release software-driven products.

The SAFe® DevOps course helps people in technical, non-technical, and leadership roles optimize their development value stream from end to end. Take this course with your entire cross-functional team to map your current value stream from concept to cash. Design a Continuous Delivery Pipeline that's relevant to your business. And get the guidance and tools you need to work effectively in remote environments with distributed teams.

#### Who should attend?

The course is intended for anyone working in any role on an Agile team that is part of an Agile Release Train, within a Value Stream. It works best when whole teams attend the course together, as they get to look at their delivery pipeline in detail together.

#### Prerequisites & pre-reading guidelines

There is no prerequisite course or certification. However, some Agile training and experience on an Agile Team is recommended. Pre-reading suggestions are issued in a welcoming email to those registered for a course.

#### How certification is earned

Certification is earned by attending the course and then taking an exam within 30 days after the course. Questions are multiple choice, single-select. There are 45 questions to be answered in 90 minutes and the passing score is 73%. If a retake is needed there is an additional fee. The full retake policy will be issued if and when needed.

### Course Objectives

#### Attendees Learn:

- How to incorporate continuous testing and continuous security into the delivery pipeline
- How to integrate continuous exploration, integration, and deployment, and release value to end users on demand
- How to design and implement an actionable DevOps transformation plan tailored to your organisation
- How to evaluate and improve your current state using tools like the DevOps Health Radar and Transformation Canvas

#### SAFe® DevOps answers the questions:

- What is DevOps and how does it enable strategic business objectives?
- What are the mindset, culture, and technical practices to successfully define, build, test, deploy, and release?
- How do I use value stream mapping to measure flow and spot bottlenecks in the delivery pipeline?

#### Context

This course is for those that have an intermediate level of understanding of Agile and recognise the need to continuously optimize the value stream. You will learn about the DevOps radar, the CALMR approach to DevOps and also complete a built-in workshop on mapping and identifying improvements for the value stream.

#### Related courses

While not a prerequisite, attendees may consider attending the SAFe for Teams course with their teams.

## What's included:

- Course workbook and SAFe Studio access to help prepare you to take the certification exam, claim their digital badge, and tools to get started in your SAFe role
- Remote learning via SAFe Virtual Classrooms (if course delivered in remote mode)
- One-year membership to SAFe® Studio with your first class attendance
  - Value Stream Mapping workshop
  - Platform access to e-learning modules and curated members-only content to support your SAFe transformation
  - Member discussion forums to engage in ongoing conversations on the SAFe framework or how to better perform as part of an Agile Team
  - Curated content-playlists based on your interests and roles, including templated resources and facilitation guides to get you started
- Access to content, tools, and resources you need to practice SAFe every day
- SAFe® 6.0 DevOps certification exam

## Course Outline

### Introducing DevOps

- The problem to be solved
- DevOps and its benefits
- Continuous security and testing
- SAFe's CALMR approach to DevOps

### Mapping Your Value Stream

- Why map your Value Stream?
- How healthy is your Value Stream?

## Gaining Alignment with Continuous Exploration

- Create a Solution hypothesis
- Collaborate and research Solution ideas
- Architect the Solution of continuous delivery
- Synthesize and communicate a Solution Vision

## Building Quality In with Continuous Integration

- Develop the Solution
- Build continuously
- Test end-to-end
- Validate on a staging environment

## Reducing Time-to-Market with Continuous Deployment

- Deploy to production
- Verify the Solution
- Monitor the Solution
- Respond to incidents

## Delivering Business Value with Release on Demand

- Release Value to Customers
- Stabilize the Solution
- Measure the business value
- Learn and improve

## Taking Action

- Your DevOps Action Plan

## Contact

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