Certified SAFe® Architect (ARCH) Training

Duration: **3 Day**

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In SAFe®, architects play a key role in the trio of leaders, including product managers and the Release Train Engineer. Learn how this team works together to deliver and guide Agile Release Trains (ARTs) to enable continuous value flow.

In the SAFe® for Architects course, you'll get the context to align architecture with business value. You'll understand how system, solution, and enterprise architects collaboratively deliver architectural solutions. And you'll get the guidance and tools you need to work effectively in remote environments with distributed teams. In this three-day course, you will gain an understanding of the Agile Architect's roles, responsibilities, and mindset, while also learning how to align architecture with business value and promote continuous flow in large systems-of-systems, supporting the overall execution of SAFe programs.

This training program is designed for senior technical contributors who seek to comprehend the role of System, Solution, and Enterprise Architects in Lean-Agile enterprises. Additionally, the course is ideal for individuals who desire a more comprehensive understanding of how architecture facilitates continuous value flow and how architects can actively participate in and contribute to a Lean-Agile enterprise.

Real-World Exercises: In this course, learners will apply the concepts taught in class by breaking out into small groups or teams and completing hands-on, scenario-based exercises related to each module.

Who Should Attend?

The following professionals will benefit from this training:

- System, Solution, and Enterprise architects
- Architects supporting technical disciplines.
- Product leaders who collaborate with architects
- Seasoned software developers
- Technical managers who make architectural decisions

What You Will Learn

Participants will learn,

- Architect using SAFe principles.
- How to align architecture with business value.
- How to develop and communicate the architectural vision
- How to develop solution vision, intent, and roadmaps
- How to prepare and deliver software effectively and continuously
- How to lead and coach architects and team members during Program Increment (PI) Planning and execution.
- Provide leadership during a Lean-Agile transformation.

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Training Outline

Part 1: Exemplifying Agile Architecture

- Describe Agile architecture
- Describe SAFe Architect roles and collaborations
- Architect using SAFe principles

Part 2: Architecting for DevOps and Release on Demand

- Foster a DevOps culture
- Describe how value flows through the Continuous Delivery Pipeline
- Architect for and facilitate Continuous Exploration
- Architect for Continuous Integration
- Architect for Continuous Deployment
- Architect for Release on Demand

Part 3: Aligning Architecture with Business Value

- Describe how Strategic Themes, portfolio canvas, and Portfolio Vision influence architecture
- Explain how Value Streams support the business
- Explain how Solution Trains and Agile Release Trains deliver value

Part 4: Developing Solution Vision, Solution Intent, and Roadmaps

- Align Solution Vision with Strategic Themes and Solution Context
- Contribute to Solution Intent
- Manage quality with nonfunctional requirements (NFRs) and the Lean quality management system (QMS)
- Contribute to Roadmaps

Part 5: Preparing Architecture for PI Planning

- Contribute to the Program Backlog
- Sequence and prioritize work in the Program Backlog
- Contribute to Solution pre-PI Planning

Part 6: Coordinating Architecture throughout PI Planning

- Contribute to PI Planning
- Contribute to management review and problem-solving
- Contribute to Solution post-PI Planning

Part 7: Supporting Continuous Delivery during PI Execution

- Guide architecture and Continuous Delivery throughout the PI
- Prepare for Iteration Reviews and System and Solution Demos
- Relentlessly improve through Inspect and Adapt (I&A)

Part 8: Supporting New Strategic Themes and Value Streams

- Align architecture to Enterprise strategy
- Evolve the Solution Portfolio
- Contribute Enabler Epics to the Portfolio Kanban

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- Coordinate across Value Streams

Part 9: Leading as an Architect during a Lean-Agile Transformation

- Describe how Architects perform as Lean-Agile leaders
- Describe how to lead the transition to Agile architecture during a transformation
- Develop an action plan to support your organization’s transformation

Part 10: Becoming a Certified SAFe Professional

- Becoming a Certified SAFe Professional