Course Content

Course Description:
In this course, you will learn to execute and continuously improve PI Planning and other key SAFe events. You'll discover how to coach leaders, teams, and Scrum Masters in new processes and mindsets. And you'll get the guidance and tools you need to work effectively in remote environments with distributed teams.

The Release Train Engineer (RTE) is part of the trio of leaders that includes product managers and system architects. This plays a critical role in leading Agile Release Trains (ARTs) to deliver value. This means that the RTE must create the right environment, have the right conversations, facilitate the right meetings, and gather the right people to make decisions based on the right data.

Course Objectives:
Upon successful completion of this course, students will know:
* How to lead programs and large solutions in a SAFe organization.
* How to apply Lean-Agile knowledge and tools to release value.
* How to foster relentless improvement.
* How to build a high-performing ART by becoming a servant leader and coach.

Prerequisites:
Recommended Knowledge/Experience:
* Have participated in at least one Agile Release Train (ART) and one Program Increments (PI)
* Hold at least one current SAFe certification

Recommended Courses:
* SAFe Scrum Master
* SAFe Product Owner

Target Audience:
Programmers
Scrum Masters

Topics:

Lesson 1: Exploring the RTE Role and Responsibilities
- Connect the RTE Role to SAFe
- Examine the responsibilities of the RTE role
- Identify effective RTE behaviors
- Outline the benefits of being an RTE

Lesson 2: Applying SAFe Principles
- Correlate SAFe Principles important to the RTE role

Lesson 3: Organizing the ART
- Identify the attributes of an effective ART
- Examine Key ART Roles and Responsibilities
- Identify the responsibilities of the System Team

Lesson 4: Planning a PI
- Identify preparation activities for the PI Planning event
- Facilitate Day 1 activities for the PI Planning event
- Facilitate final PI plan development and commitment
- Explore facilitation of PI Planning across multiple locations

Lesson 5: Executing a PI
- Identify key team Iteration events
- Examine the events and tools needed to manage ART flow
- Explore metrics used to measure PI execution
- Prepare and facilitate IP Iteration activities
- Examine DevOps culture to achieve Release on Demand

Lesson 6: Fostering relentless improvement
- Explore the three components of an Inspect and Adapt Event
- Identify self-assessment tools to evaluate the ART
- Examine systems thinking and Value Stream mapping concepts
- Examine the Relentless Improvement mindset

Lesson 7: Serving the ART
- Explore the characteristics of a servant leader
- Identify facilitation techniques that evolve group dynamics
- Examine coaching techniques
- Explore group facilitation techniques
- Identify the steps to create an ART with a One-Team Culture

Lesson 8: Continuing your learning journey
- Create a personal RTE action plan
- Create an ART Improvement Roadmap
- Commit to the plans

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