

SUMMARY

Kanban can be used at all levels in SAFe®, from the Portfolio to the team level. This workshop helps SAFe practitioners understand Kanban, the differences between Kanban and Scrum, and how to apply Lean principles to create and adapt their Kanban process. By the end of the workshop, participants will have created preliminary Kanban boards appropriate to their context.

DESCRIPTION

SAFe® suggests the development and implementation of Kanban systems throughout the content hierarchy: Portfolio, Value Stream, Program, and Team. These Kanban systems operate in a similar manner and they interoperate; however, they are largely separate systems, serve separate purposes, and operate at different levels of abstraction.

The SAFe Portfolio Management Kanban system is used primarily to address the flow of Epics, those large, cross-cutting initiatives that affect the course of action for Value Streams and the Agile Release Trains (ARTs) that realize them. Therefore, the capture, analysis, approval, and release of Epics into implementation is a material decision for the portfolio, one that requires participation of a number of key stakeholders, including Program Portfolio Management (PPM), and representation from the affected value streams and ARTs.

The Value Stream and Program Kanbans are connected to the Portfolio Kanban. Together, these three Kanbans constitute a content governance system that accounts for most of the significant decisions about what gets built. In a fully expanded case, Portfolio Epics that have acquired sufficient readiness and have been approved for implementation get split into Value Stream Epics and capabilities that get loaded into the Value Stream Kanban. Capabilities and Value Stream Epics, as they progress through the Value Stream Kanban, get split into features and Program Epics and loaded into the Program Kanban.

Team Kanban, a method that helps teams facilitate the flow of value by visualizing workflow, establishing Work-in-Process limits, measuring throughput and continuously improving their process. SAFe teams have a choice of Agile

methods. Most use Scrum, however some teams, particularly system teams, DevOps, and maintenance teams, choose to apply Kanban as their primary method. In these contexts, the response mandate, the rapid-fire nature of the work, fast-changing priorities, and the lower value of planning what exactly will be done in the next Iteration all lead them to this choice. The Kanban system must be in context of the ART.

For more, see www.scaledagileframework.com/program-and-value-stream-kanbans and www.scaledagileframework.com/team-kanban

Note: Net Objectives is a contributor to SAFe, especially its discussion of ATDD. While this course is neither authorized by Scaled Agile, Inc. nor provides certification related to SAFe, it is consistent with the intent of SAFe.

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We are ideally suited to deliver this course

Net Objectives has been doing Agile at scale since 2004. We have pioneered dozens of practices that have now become commonplace in the Agile community. Some of have become integrated into the SAFe framework and other have not yet such as ATDD and architecture.

The Net Objectives team has been providing thought leadership in Scrum, Kanban, eXtreme Programming, Design Patterns, TDD, ATDD, Emergent Design, and more for over 15 years, including the publication of multiple award winning books.

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CONTACT US

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LEARN MORE

www.NetObjectives.com
portal.NetObjectives.com

WORKSHOP OBJECTIVES

This workshop teaches participants the Kanban process and the Lean principles that underlie it. It is particularly useful for shared services as Scrum typically does not work well in for these types of teams. Participants will create Kanban boards that are appropriate for their contexts.

LEARNING OBJECTIVES

In this workshop, you will:

- Learn how to make all aspects of SAFe process visible and transparent
- Learn to manage capacity
- Learn how to drive collaboration
- Increase visibility into new work and the flow of work

COURSE OUTLINE

1. Introduction
 - Thinking differently
2. Lean-Agile Overview
 - Roles, responsibilities, and boundaries
 - Incremental realization of value
3. Lean Principles
 - Drive by value
 - Small increments
 - Visibility
 - Optimizing the whole
 - Capacity allocation
4. Value Stream
 - Creating and using
5. Visibility
 - Flow of delivery of value
6. Flow
 - Delays and loopbacks
 - High quality
 - Pull versus push
7. Kanban Boards
 - Creating
 - Swim lanes
8. Metrics

- Measuring flow
 - Cumulative Flow Diagram
9. Work-in-Process (WIP)
 - Policies
 - Buffers
 10. Policies
 - Entrance and exit
 - Cadence
 - Classes of service

LEVEL

Foundational

TARGET AUDIENCE

This workshop is intended for SAFe® practitioners at all levels: Portfolio, Value Stream, Program, Team. It is particularly useful for shared services

ATTENDEE MATERIALS

Workshop materials will be provided at the start of the class.

ROOM SETUP AND EQUIPMENT

One computer per two students.

Students usually sit at tables, four students per table.

Flip chart and whiteboard for the instructor.

A projector with screen.

PREREQUISITES

None

COURSE LENGTH

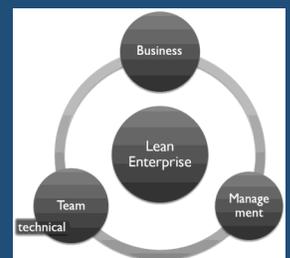
Two days

MAXIMUM NUMBER IN CLASS

24 (depending on participant composition and experience)

NET OBJECTIVES

We are committed to delivering the principles, practices, and perspectives that businesses must know in order to maximize their return on their technology solution and software development efforts. We combine our experience and a time proven approach based on lean thinking to continuously extend the capability of what is possible in creating effective technology delivery organizations (IT or product). We provide these learned methods to our clients to assist them in achieving their goals and in assisting them in making their organizations more successful.



Full course descriptions may be found at
www.NetObjectives.com/training

Lean • Agile • Kanban Patterns •
TDD • ATDD • Assessments •
Consulting Training • Coaching