BINUS UNIVERSITY ONLINE LEARNING

People
Innovation
Excellence

TOPIC 10
SCALED AGILE FRAMEWORK (SAFe)

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

OUTLINE

- Overview of Scaled Agile Framework (SAFe)
- SAFe Principles
- SAFe Frameworks
- Benefit of Implementing SAFe
- Case Study

OVERVIEW OF SAFe

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

Overview Of Scaled Agile Framework (SAFe)

- SAFe is the most popular scaling agile framework
- It is based on Scrum, Kanban, Extreme Programming, etc, and combines agile, Lean, System thinking and DevOps

- SAFe is a collection of organizational and workflow principles designed to help companies expand lean and agile techniques
- SAFe is one of an increasing number of frameworks that aims to solve the issues that arise when scaling beyond a single team, including large-scale Scrum (LeSS), disciplined agile delivery (DAD), and Nexus.
- Scaled Agile, Inc., which owns the copyrights and registered trademarks, makes SAFe publicly available.

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

Overview Of Scaled Agile Framework (SAFe)

- It offers advice on three levels for product delivery in a scaled agile environment, as well as advice on expanding agile across your organization, at the portfolio level.
- The most recent SAFe version included a lot from Lean Portfolio Management to that top level.
- As SAFe contains a very details of the explanation and concepts, it is considered extremely prescriptive by many agile practitioners.

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

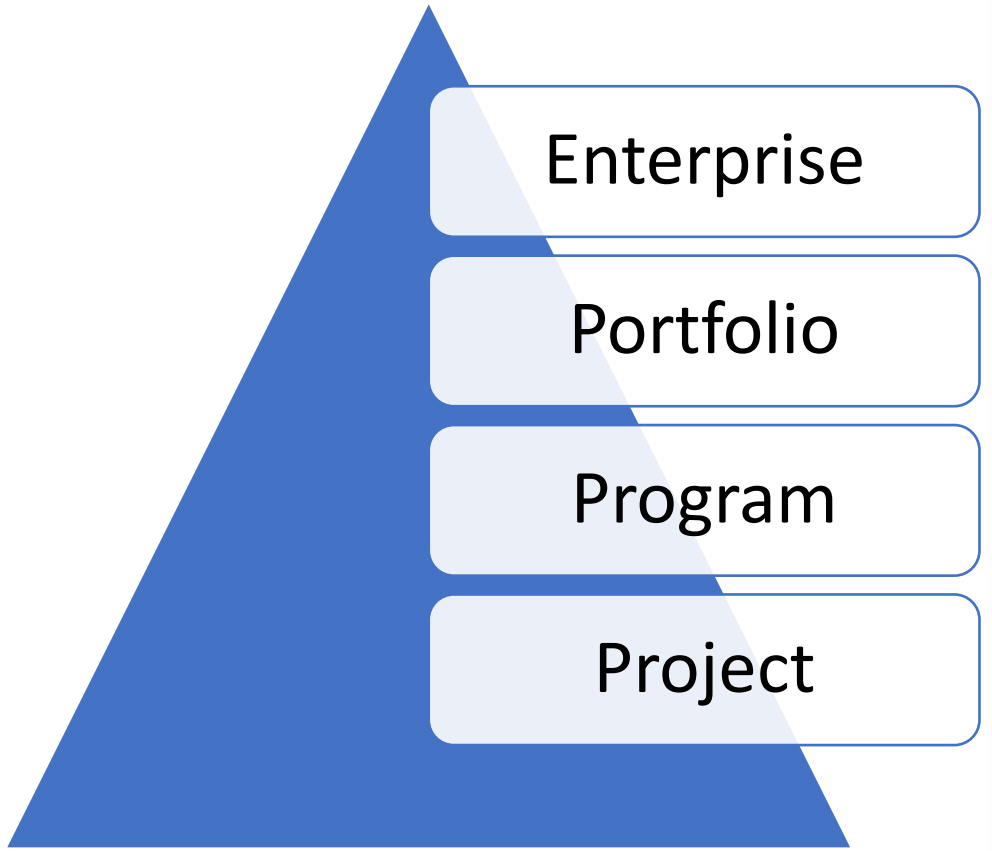
SAFe Principles

1. Take an economic view
2. Apply systems thinking
3. Assume variability; preserve options
4. Build incrementally with fast integrated learning cycles
5. Base milestones on objective evaluation of working systems
6. Visualize and limit work-in-progress, reduce batch sizes, and manage queue lengths
7. Apply cadence (timing), synchronize with cross-domain planning
8. Unlock the intrinsic motivation of knowledge workers
9. Decentralize decision-making
10. Organize around value

Reference: https://www.scaledagileframework.com/

From Enterprise to Project Level

- The scope implementation of SAFe is from top level of enterprise, portfolio, program and project



SAFe Frameworks

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

SAFe Frameworks

There are four configurations: essential, portfolio, large solution and full

- The most basic configuration of SAFe is Essential SAFe. It outlines the most important components and is designed to deliver the majority of the framework's advantages. It covers both the team and program levels (which it calls agile release trains or ARTs).
- a big solution SAFe enables for cross-program coordination and synchronization without the need for portfolio considerations. This level was previously known as value stream in prior versions of SAFe.
- Strategic direction, investment finance, and lean governance are all considerations in Portfolio SAFe.
- The other three tiers are combined in Full SAFe.

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

Benefit of Implementasi SAFe

- SAFe itself is at the enterprise level.
- SAFe 5 enables business agility and improving business outcomes for organizations

- With a complete guide, SAFe provides benefits in the form of explanations needed at the implementation level. Fully available definitions, processes and even templates are provided.

BINUS UNIVERSITY ONLINE LEARNING

People Innovation Excellence

Agile Release Train (ART)

- Agile Release Train (ART) is the integration team in SAFe
- A long-lived, self-organizing collection of agile teams that planned, commits, and executes together
- The enterprise's key value streams are grouped around agile release trains.
- The value streams of an organization are aligned with agile release trains. They have between 5 and 12 agile teams, each with 50 to 125 people. All of the relevant skills and experience for delivering the features into the system should be included in the ARTs.

Case Study

BINUS UNIVERSITY ONLINE LEARNING

Case Study

- In organizations or for small team implementations, there are scaling agile implementation options, for example NEXUS, LeSS or maybe simple coordination with Scrum of Scrums
- The use of SAFe is very suitable for the type of organization that has a large team, as well as implementation plans up to the enterprise level

BINUS
UNIVERSITY
ONLINE
LEARNING

People
Innovation
Excellence

Thank You