

## Organize a hackathon

- ▶ A hackathon is a one-day or two-day event in which teams work on new ideas that are often added to the ART Kanban
- ▶ Two key guidelines balance creativity and focus:
  - People can work on whatever they want, with whomever they want, as long as the work reflects the mission of the company
  - The teams demo their work to others at the end of the hackathon



## Organize a Supplier showcase

- ▶ A Supplier showcase is a structured demo from an internal or external Supplier designed to help your teams better leverage the products or services offered by the Supplier
- ▶ A Supplier showcase helps teams:
  - Reduce work by better leveraging the Supplier's product ("Did you know that our API provides automatic routing? Here's how it works.")
  - Enable Architects, Product Owners, and Product Managers to identify Enablers and improve Roadmaps
- ▶ A Supplier showcase helps Suppliers by providing them direct feedback on what they need to supply to the teams

## Explore some spikes

- ▶ A spike is an exploration Enabler Story designed to gain the knowledge necessary to reduce the risk of a technical approach, better understand a requirement, or increase the reliability of a Story estimate
- ▶ While spikes can be added to Team Backlogs at any time during a PI to reduce risk, spikes are commonly used to explore new ideas or determine feasibility of Epics
- ▶ Spikes increase learning within the team

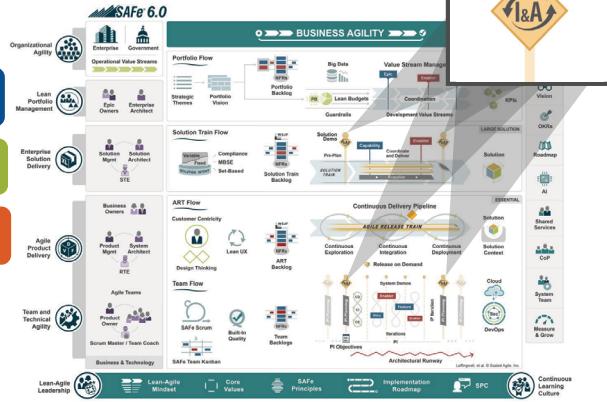
## 5.4 Inspect and Adapt

## Improving results with the Inspect and Adapt event

Three parts of Inspect and Adapt (I&A):

1. The PI System Demo
2. Quantitative and Qualitative Measurement
3. Retrospective and Problem-Solving Workshop

- ▶ **Timebox:** Three to four hours per PI
- ▶ **Attendees:** Teams and stakeholders



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## PI System Demo

At the end of the PI, teams demonstrate the current state of the Solution to the appropriate stakeholders.

- ▶ Often led by Product Management, Product Owners, and the System Team
- ▶ Attended by Business Owners, ART stakeholders, Product Management, RTE, Scrum Masters/Team Coaches, and teams

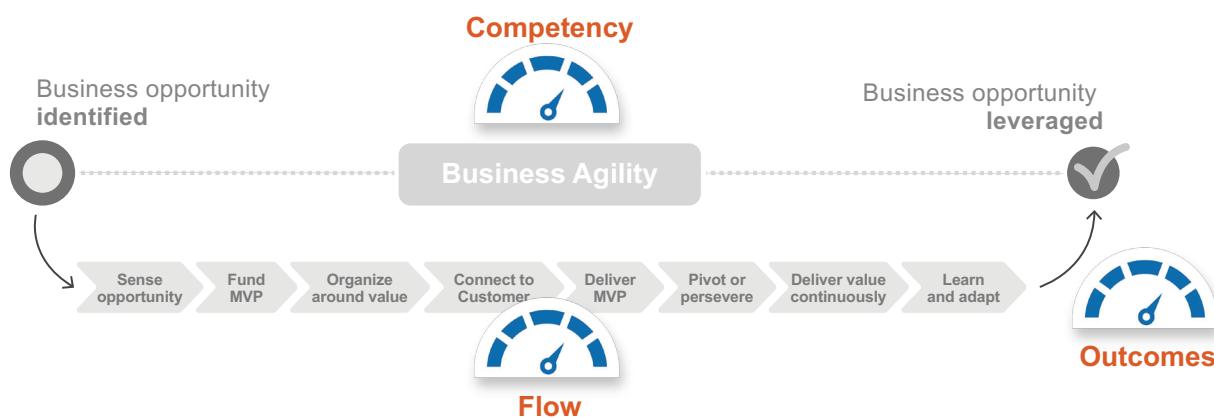


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## Review relevant Metrics

Three SAFe measurement domains support Business Agility.



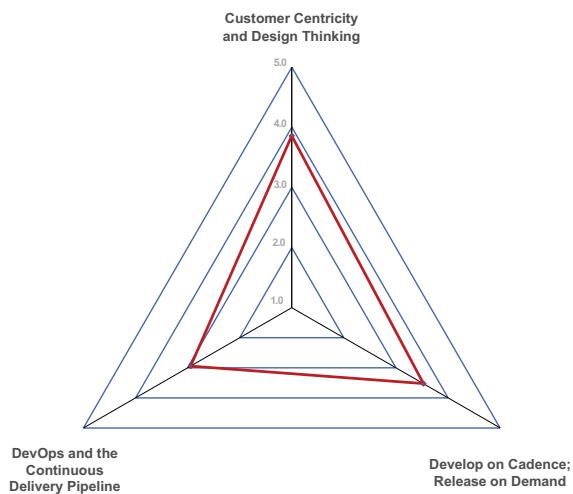
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## Competency assessments

- One assessment for each one of the Seven Core Competencies
- Assess at a greater level of detail to generate deeper insights
- Measure the progress being made toward a specific core competency
- Identify specific practices for potential improvement

### Agile Product Delivery Assessment



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## Flow Metrics

Metric	Description
<b>Flow Distribution</b>	The amount of each type of work in the system over time
<b>Flow Velocity</b>	The average number of work items that can be completed in a given timeframe
<b>Flow Time</b>	How long it takes for a work item to go through the system
<b>Flow Load</b>	The overall amount of WIP in the system
<b>Flow Efficiency</b>	How much of the overall flow time is spent in value-added work activities vs. waiting between steps
<b>Flow Predictability</b>	Overall planned vs. actual business value achieved

Reference: Kersten, *Project to Product*

## The Eight Flow Accelerators

1. Visualize and limit WIP
2. Address bottlenecks
3. Minimize handoffs and dependencies
4. Get faster feedback
5. Work in smaller batches
6. Reduce queue lengths
7. Optimize time ‘in the zone’
8. Remediate legacy policies and practices



## Outcome Metrics

Do our Solutions deliver the expected benefits to the business?

- ▶ **Key performance indicators (KPIs)** - Measure how a Value Stream is performing against its business objectives
- ▶ **Objectives and Key Results (OKRs)** - A goal-setting framework that evaluates progress (Key Results) toward achieving a set of business outcomes (Objectives)
- ▶ **Employee engagement** - Measure how motivated individuals are in supporting the achievement of the organization's goals and values



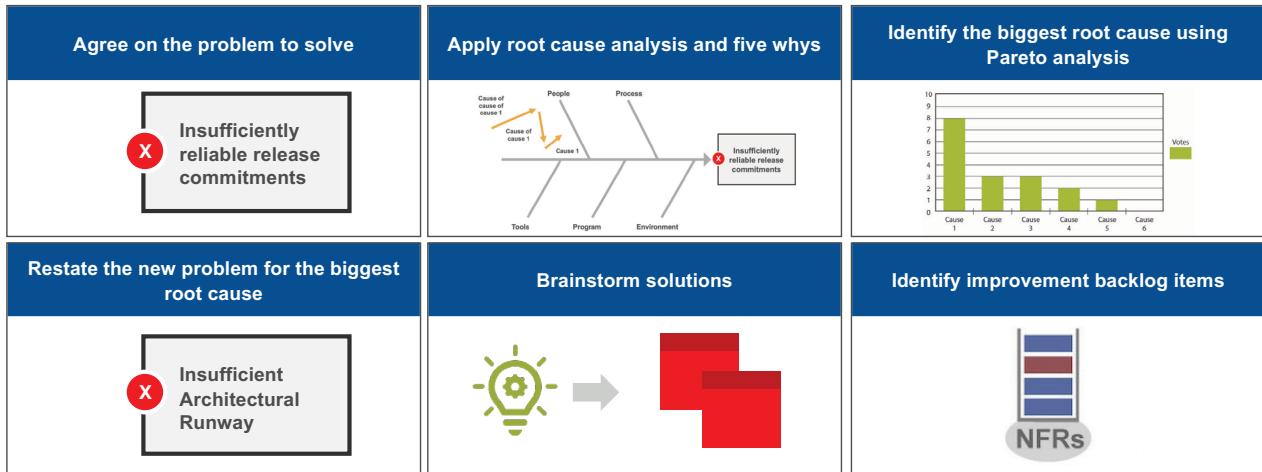
### Video: Inspect and Adapt: The Retrospective and Problem Solving Workshop Overview

Duration  
4 min



<https://bit.ly/Video-IandARetro>

## The problem-solving workshop



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- ### Discussion: Apply Metrics
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- ▶ **Step 1:** Identify which flow and outcome Metrics would be best to apply in your organization
  - ▶ **Step 2:** Discuss what you think those flow and outcome Metrics would reveal about your organization's delivery effectiveness

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## Lesson review

In this lesson, you:

- ▶ Defined how to participate in the PO Sync
- ▶ Planned how to participate in the System Demo
- ▶ Explained how to innovate throughout the PI
- ▶ Summarized how to Inspect and Adapt



## Action Plan: Executing the PI



On the Action Plan page in your workbook, answer the following questions:

- ▶ How might you change your participation in and collaboration around the PO Sync, System Demo, and Inspect and Adapt event?
- ▶ What kinds of innovation opportunities would you like to encourage and make time for with your Agile Team?
- ▶ What kinds of Metrics do you plan to start collecting and reviewing during your Inspect and Adapt workshops?



# Action Plan

## Executing the PI

## Articles used in this lesson

Read these Framework articles to learn more about topics covered in this lesson

► “Planning Interval”

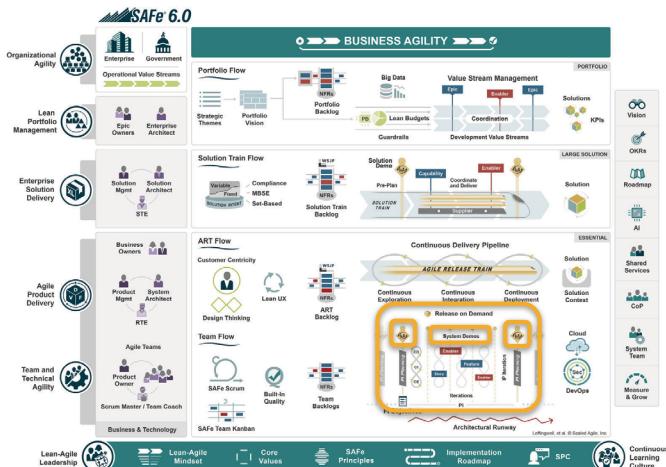
<https://www.scaledagileframework.com/planning-interval/>

► “System Demo”

<https://www.scaledagileframework.com/system-demo/>

► “Measure and Grow”

<https://www.scaledagileframework.com/measure-and-grow/>



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## Articles used in this lesson

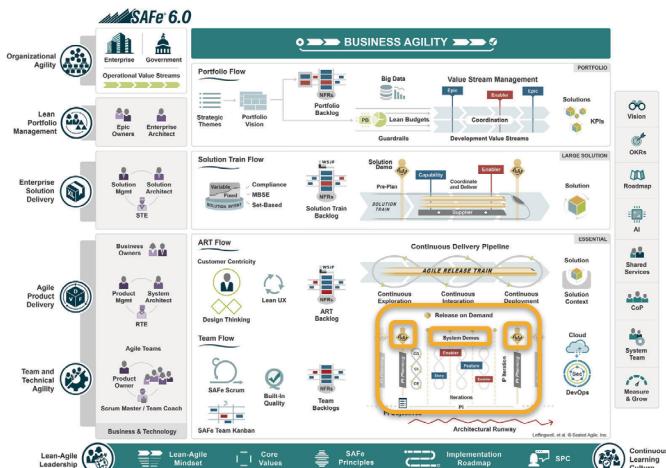
Read these Framework articles to learn more about topics covered in this lesson

► “Inspect & Adapt”

<https://www.scaledagileframework.com/inspect-and-adapt/>

► “Make Value Flow Without Interruptions”

<https://www.scaledagileframework.com/make-value-flow-without-interruptions/>



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## Continue your SAFe journey with the following resources:

Download the <i>Facilitator's Guide to SAFe - System Demo</i> and <i>Facilitator's Guide to SAFe - PO Sync</i> from SAFe Toolkits and Templates. <a href="https://bit.ly/Studio-ToolkitsandTemplates">https://bit.ly/Studio-ToolkitsandTemplates</a>	Download the <i>PO Sync FAQ Sheet</i> from the SAFe ART and Team Events page for answers to frequently asked questions regarding the PO Sync. <a href="https://bit.ly/ART-Events">https://bit.ly/ART-Events</a>
Watch the two-minute <i>Coaching Tips: The System Demo</i> video to gain coaching tips and tricks on how to run a successful System Demo. <a href="https://bit.ly/Video-CoachingTipsSystemDemo">https://bit.ly/Video-CoachingTipsSystemDemo</a>	Watch the five-part <i>Inspect and Adapt Series</i> playlist that provides an overview of Inspect and Adapt as well as different aspects of the event. <a href="https://bit.ly/Video-InspectandAdapt">https://bit.ly/Video-InspectandAdapt</a>
Download the <i>Facilitator's Guide to SAFe - Inspect and Adapt</i> to prepare for and engage the ART in the event from the Inspect and Adapt page. <a href="https://bit.ly/FG-DistributedInspectAndAdapt">https://bit.ly/FG-DistributedInspectAndAdapt</a>	

## References

- Heath, Chip and Dan Heath. *Switch: How to Change Things When Change Is Hard*. New York: Currency, 2010.
- Kersten, Mik. *Project to Product: How to Survive and Thrive in the Age of Digital Disruption with the Flow Framework*. IT Revolution: Portland, 2018. Kindle Edition.
- Reinertsen, Donald G. *The Principles of Product Development Flow: Second Generation of Lean Product Development*. Redondo Beach: Celeritas 2009. 178.

## Lesson 5 notes

Enter your notes below. If using a digital workbook, save your PDF often so you don't lose any of your notes.

## Lesson 6

# Practicing SAFe

SAFe® Course - Attending this course gives learners access to the SAFe Product Owner / Product Manager exam and related preparation materials.



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Video: SAFe Certification Benefits

Duration  
3 min

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SAFe  
Certification  
Benefits

<https://bit.ly/Video-SAFECertificationBenefits>

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6-2

## The Learning Plan is YOUR path to certification

Next Steps:



Download the workbook and access the  
**exam study guide** and **practice test**



Take the **Certification Exam** and showcase your  
**Digital Badge** to get recognized as a Certified SAFe®  
Release Train Engineer

## Feedback is a gift

Help us improve by  
completing the Course  
Feedback Survey





## Activity: My Learning Plan

Duration  
7 min

- ▶ **Step 1:** Individually, navigate to your learning plan via:
  - <https://safe.scaledagile.com/>
- ▶ **Step 2:** In your Learning Plan, navigate to and complete the course feedback survey. The survey results will remain anonymous to the instructor.
- ▶ **Step 3:** After completing the survey, review the rest of the certification prep materials. Take special note of your exam deadline and plan your timeline to prepare for and complete the exam!



## Video: Welcome to SAFe Studio

Duration  
3 min



<https://bit.ly/Video-WelcomeSAFeStudio>

## SAFe Studio Resources



Online Learning



Videos



Toolkits



My SAFe Events



SAFe FAQs



SAFe Assessments



SAFe Forums

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6-7



### Activity: SAFe Studio Exploration

Duration  
7 min

- ▶ **Step 1:** Using the sidebar navigation, explore each area of SAFe Studio to locate the following:
  - Identify a video about a SAFe event you're curious to learn more about.
  - Select an online learning of interest.
- ▶ **Step 2:** Navigate to the SAFe Forum and make a post. You could introduce yourself, ask a question from the class parking lot, or respond to a post from another SAFe Studio user.

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6-8



**Good luck on your  
SAFe Practice  
with SAFe Studio**

<https://safe.scaledagile.com/>

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6-9

# SAFe Glossary



## SAFe Glossary:

Visit the Scaled Agile Framework site ([www.scaledagileframework.com/glossary/](http://www.scaledagileframework.com/glossary/)) to download glossaries translated into other languages.