Testing is SAFe

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#TestExpo
Agenda

→ Reason for DSB to choose SAFe
→ What is SAFe
→ Roles in SAFe
→ Events in SAFe
→ Quality defined in SAFe
→ Test automation in SAFe
→ Tester role in SAFe
→ Test Manager role in SAFe
→ Test management in shared services
→ Our experiences / Learnings in SAFe
Reason for DSB to choose SAFe

- Deliver customer focused solutions faster and continuously
- Develop coordination and transparency between the teams
- Achieve increased customer value
- Better communication between teams
Reason for DSB to choose SAFe
What is SAFe

- Scaled Agile
- All agile teams in a domain planning and working together
- More active business involvement
Roles in SAFe

➔ Program
  - Product Manager
  - Release Train Engineer
  - System Architect

➔ Team
  - Product Owner
  - Scrum Master
  - Developer

➔ Shared Services
  - Test CoE
  - Agile CoE
  - Integration Platform
  - SAP
Events in SAfe

- PI (Program Increment) Planning:
  - Heartbeat of ART
  - Aligning all teams to the mission

- System demo:
  - Provides transparency between teams
  - Minimal viable product to ART stakeholders

- Inspect and adapt:
  - PI retrospective
  - Discuss about what went well and what did not in PI
  - Mitigations and future improvements actions planned
Quality defined in SAFe

➢ Inspection does not improve the quality, nor guarantee quality. Inspection is too late. The quality, good or bad, is already in the product. Quality cannot be inspected into a product or service; it must be built into it.”

W. Edwards Deming
Test Automation in SAFe

- Test First
- Test Driven Development
- Continuous Integration/DevOps
Tester role in SAFe

- Considered as a part of dev team
- Involved in all stages
- Test first and whole team approach
- WIP (work in progress) limit to balance the testing tasks
Imagine – a Test Manager in SAFe
Is the Test Manager extinct?

- There are no test teams to lead in Scaled Agile or agile as such
- "Test planning" is done by the team members within the team
- We don’t have the "Go/No go" decision/recommendation any more
- Defect management is now part of the teams DoD (or at least it should be)
No, we are not extinct, But....

The Test Manager needs to adapt to changes

- The role changes from management to coaching
- Sustainable test automation frameworks are in high demands
- Test maturity is being assessed in the teams and we help implement the identified test process improvements
- Built-In Quality.....with a little help from your friends

Conclusion: Maybe we just need a new name and awareness of our skills
Working in Shared Services

In Shared Services we:

- Take part in the PI planning days – aid the teams during their planning
- Coach the teams on all aspects of test
- Supply the teams with test resources, both on- and off shore
- Facilitate Communities of Practice (eg. Front end and backend test)
- Teach the good old virtues like test design techniques, risk analysis and support the teams using exploratory testing
So yes, testing is SAFe

- We no longer fear for our jobs, they are just not the same
- As with Rome, SAFe is not built in a day, it takes several PI’s
- Testing is still, perhaps even more important, we just need to re-think our approach