AGILE 2019
EFFICIENTLY AUDITING AGILE DEVELOPMENT
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DEFINITION OF A SOFTWARE AUDIT

According to Wikipedia…

"The purpose of a software audit is to provide an independent evaluation of conformance of software products and processes to applicable regulations, standards, guidelines, plans, and procedures".

“Software audits are distinct from software peer reviews and software management reviews in that they are conducted by personnel external to, and independent of, the software development organization, and are concerned with compliance of products or processes, rather than with their technical content, technical quality, or managerial implications.”
WHY DO WE STRUGGLE WITH AUDIT IN AGILE?

- We are still doing amazing development!
- Development still needs to be audited
  (Sorry, it does!)
- The Audit process is built for Waterfall and is milestone based
- Auditors are not educated in Agile
THE SOLUTION
CREATE A NEW AGILE AUDIT PROCESS FOR YOUR ORGANIZATION
DO WHAT AGILISTS DO – COLLABORATE!

• Identify appropriate Governance Organizations in your organization
  • Governance owns audit processes
  • Need to engage them to change Audit standards and procedures
• Educate Governance organizations on Agile
• Build new process with Governance
• Do a POC with an Agile team or scaled Agile “Team of Teams” in your organization
SOME OPPORTUNITIES FOR ARTIFACTS

WATERFALL

• Requirements Signoff
• Testing Signoff
• Test Scripts
• Test Result/Metrics
• CBA
• Risk Log

AGILE

• Story Meets Definition of Ready
• Feature Meets Definition of Ready
• User Story Accepted by PO
• Test Scripts or Automated Testing
• Test Result/Metrics
• Lean CBA
• Risk Log
EDUCATE YOUR AUDITORS ON AGILE

Story Definition of Ready
DO WHAT AGILISTS DO – TEACH

• Educate Auditors on Agile
• Educate Auditors on new Agile Audit process
• Have Auditors do a rotation to “shadow” your strong Agile teams
• Do POC with Agile team or scaled “Team of Teams” in your organization with newly educated auditors
• Incorporate feedback from auditors and Agile teams that were audited with new Agile Audit process
HELPFUL HINTS

• Keep Agile Audit Process Lean; eliminate waste
• Be careful not to Audit ”how well” teams are doing Agile
• Use Agile Tool as much as possible
  • Don’t make Agile Audits an exercise in manual labor for teams or Auditors
• Review Agile Audit process on a cadence, incorporating feedback from Agile teams and auditors
• Auditors can now find their own cadence to audit teams
• Build template for teams to use providing auditors with key info to help them through the audit:
  • PO and SM name, location in Agile tool, location of test scripts, etc..
QUESTION S?
THANK YOU