

Agile Architecture Re-Imagined

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Course Number: TP3165

Duration: 1 days

Overview

Course Description

Agile has become common place for development teams. Organizations continue to promote its use. However, all too often, while some improvement has been enjoyed, the full measure of promised benefits and outcomes are falling short. Businesses and their technical teams are eager to enhance their Agile experience, but often struggle to identify what the underlying issues are and how to mitigate them.

- Agile Culture
- Agile Techniques
- Agile Problem Determination
- Agile Problem Resolution

Skills Gained

After taking this course, participants will be able to:

- Understand the criteria and mechanisms of successful Agile
- Work with techniques to diagnose shortcomings with Agile in practice

- Create a corrective action plan to reset and advance Agile at work

Who Can Benefit

This course is designed for Agile team members, from business to technical, who are seeking to get better results from the use of the Agile approach

Prerequisites

- Experienced working with an Agile team is required
- Familiarity with the Agile manifesto and principles is assumed

Audience

Course Details

Chapter 1. The Agile Culture

Definition

- What is Agile?
- Agile History – Short Version

Agile Vision

- Agile Vision – Visual
- Agile Benefits
- Agile Manifesto

Agile Criteria

- Agile Context
- Agile Teams and Processes

Agile Challenge

- Agile Architecture Defined
- Agile Architecture Techniques

Activity

- Evaluate Agile Culture
- Evaluate Agile Culture – Results

Chapter 2. Agile At Work

Agile Lifecycle

- Agile Lifecycle – Visual
- Lifecycle Phases
- Hope and Reality

Agile Foundation

- Agile Architecture Program
- Agile Architecture Reference Model
- Agile Principles and Policies

Agile Score Card

- Agile Architecture Gap Analysis
- Agile Architecture Trade-offs and Opportunities

Activity

- Evaluate the Agile Implementation
- Evaluate the Agile Implementation – Results

Chapter 3. Agile Realities

Agile Patterns and Anti-patterns

- Proven Ways to Succeed with Agile
- Proven Ways to Fail with Agile

Anti-patterns Technique

- Diagnose Agile Issues
- Treatment Strategies for Agile Issues

Activities

- Agile Goals
- Agile Goals – Results
- Action Plan Take-away
- Action Plan Take-away – Results