



Updating your TFS Administration skills for Team Foundation Server 2017

Duration	2 days	Version	2017
Skill level	Intermediate		
Audience	Experienced TFS administrators and technical team leads		
Products and technologies	The following product and technologies will be covered in this course <ul style="list-style-type: none">• Team Foundation Server 2017• Visual Studio 2017		

Course Description

This course is designed for experienced TFS administrators looking to quickly update their skills to the latest version of Microsoft Team Foundation Server. The course focuses primarily on new features in the TFS 2017 release with some coverage of features released in TFS 2015.

This course combines both technical presentations as well as hands-on lab exercises designed to ensure attendees gain a solid, practical understanding of how to administer TFS 2017 in modern work environments.

Course Objectives

At the completion of this course, attendees will be able to;

- enable new features in TFS 2017 as required
- plan their migration to the latest version of TFS
- configure Package Management and set security on feeds
- install, configure, and optimize the new Code Search feature
- troubleshoot issues with Code Search
- understand the latest improvements to Build and Release from an admin perspective
- install extensions from the Visual Studio Marketplace
- understand how to install internally developed TFS extensions
- implement work item customizations
- understand and configure new permissions

Audience

This course is designed for experienced TFS administrators looking to quickly update their skills to the latest version of Microsoft Team Foundation Server.

Pre-requisites

This course requires attendees to have previously attended our "TFS Configuration and Administration" course for 2012, 2013 or 2015. If you have not attended one of these courses, please consider the 4-day "TFS 2017 Configuration and Administration" course for a more complete learning experience.

Modules

Module 1 – A Lap Around changes in Visual Studio 2017

- What's new in the Visual Studio 2017 family?
- Enabling new navigation
- The new Work Item Forms

Module 2 - Upgrading to TFS 2017

- Reviewing upgrade paths and pre-requisites
- The new Configuration Wizard
- Performing a migration to new hardware
- In-place upgrade
- Gotchas to look out for

Module 3 - Package Management

- Planning your installation
- Installing Package Management
- Creating a feed
- Configuring security on feeds

Module 4 - Code Search

- Planning your installation
- Installing Code Search
- Optimising for best performance
- Troubleshooting Code Search

Module 5 - Build & Release

- Summary of latest changes to Build and Release
- Installing and configuring agents
- Upgrading existing agents
- Installing cross platform build agents
- Retention policy updates

Module 6 - Extensions

- Understanding extensions
- Installing and managing extensions from the MarketPlace
- Creating and installing your own extensions

Module 7 - Process Template Customisation

- Changes in the latest process templates
- Enabling new features including the new form layout
- How the new form layout impacts your customised templates
- How to customise templates in TFS 2017

Module 8 - Security and permissions

- Summary of changes
- New permissions



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