

50430BC

Administering Team Foundation Server 2013

3 DAYS

This three-day instructor-led course provides students with the knowledge and skills to manage Microsoft Team Foundation Server 2013. The course focuses on the technologies used in Team Foundation Server 2013 and the techniques used to deploy, manage and support Team Foundation Server 2013.

Module 1: Customization of Team Projects

Managing Work item Queries
Customizing Work items and Workflow
TFS Power tools
Reporting

Module 2: Administering Version Control

Managing Workspaces
Administering Branching and Merging
Managing Shelvesets

Module 3: Creating and Consuming ASP.NET Web API Services

Upgrading to TFS 2013
Migrating to TFS 2013
Visual Source Safe Migrations
Integration with TFS
Describe the various methods for upgrading to TFS 2013
Describe how to migrate to TFS 2013
Describe the process for migrating from Visual Source Safe
Describe integrating other systems with TFS 2013

Module 4: Introduction to Team Foundation Server Administration

What is Application Lifecycle Management?
Visual Studio and Application Lifecycle Management
What is Team Foundation Server?
Overview of the Development Process
TFS Components and Terms
Role of the Administrator in the Development Process
TFS Administration Overview

Module 5: Configuration and Operations of TFS 2013

Default TFS Security groups and configuring permissions
Managing team project collections and team projects
Managing the TFS build System
Configuring Reporting and Analysis Services

Module 6: Planning and Deploying TFS 2013

TFS Topologies

Architectural requirements, Hardware considerations and Software considerations

Networking requirements including firewall and ports

Domain, Workgroup and Service accounts

SQL Server and SharePoint requirements

Topology considerations for small teams, single server, existing infrastructure or more than 1 server, and server farms

Planning for Version Control Proxy

Module 7: Client Connectivity

Client Connectivity License Requirements

IDE Configuration for TFS Integration

Team Explorer 2013

Microsoft Office Connectivity

Team Web Access

Configuring Visual Studio and Team Explorer for Proxy Server

Resolving TFS connectivity issues

Module 8: Advanced Administration

Validating an installation

Manual configuration of SharePoint and reporting services post-installation

Advanced management of TFS Application and Data Tiers

Rebuilding the Warehouse

Service Account management

Version Control Proxy Deployment

Fault Tolerant Solutions

Module 9: Backup, Restore and Monitoring TFS 2013

Backing Up TFS 2013

Restoring TFS 2013

Monitoring TFS 2013