

MODULE 4: CLIENT APPLICATIONS

TFS Client Access License (CALs)

- Who are required to have CAL?
- Who are exempted from having CAL?
- How many CALs should we purchase?
- How much does it cost?

Team Explorer

- Part of Visual Studio
- No separate installer available (now).
- Used for execution of version control (GIT) commands through GUI
- If used with TFVC then it can also set policies, SCM permissions etc. In that case Source Control Explorer is an integral part of it. Also used for running work item queries.

Web Portal

- Main GUI for TFS
- Can be used by administrators for setting up configuration and security at the organization level, at the TPC level and TP level.
- Used for creating new team projects.
- Access levels determine what gets shown

MS Office Components

- MS Excel and MS Project can access TFS.
- Either Visual Studio or Team Foundation Server Standalone Office Integration (free)
- Bulk editing of work items can be done

SharePoint Project Portal

- Not supported anymore
- Old installations can be upgraded up to TFS 2017
- Microsoft suggests using Extensibility APIs and Microsoft Team

Team Explorer Everywhere

- Plug-in for Eclipse and its derivatives
- Can be used for experience similar to Team Explorer (that is in VS)
- Cannot be used to create new team projects

Command Line and Third Party tools

- TFS SideKick – No longer available for new versions.

Lab: Team Explorer Overview

- Open the Visual Studio and go to Team Explorer
- Connect to the team project Demo1 which is created using TFVC
- Browse the various tabs of Source Control Explorer, Work Item Queries, Reports etc.
- Open MS Excel
- Create new requirements and push those into TFS