

TEST CASE MANAGEMENT USING VISUAL STUDIO TEST PROFESSIONAL 2010 PHYSICAL/VIRTUAL MACHINE BUILD GUIDE

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You will need to create an environment that can run Team Foundation Server 2010, Team Foundation Build 2010, and Visual Studio 2010 Ultimate edition.

At a high level, we recommend these software applications be installed and configured:

- Windows Server 2008 R2
- SQL Server 2008 R2
- SharePoint 2010 Foundation
- Team Foundation Server 2010
- Team Foundation Server 2010 SP1
- Visual Studio 2010 Ultimate
- Visual Studio 2010 SP1
- Microsoft Office 2010

A. Before you begin

- Download and make available all the above software
- Download and read the latest version of the [Team Foundation Server Installation guide](#)
- If you are considering a 64-bit environment, be sure to read those [requirements](#)

B. Install Windows Server 2008 R2

- Start with a physical or virtual machine with at least 2GB of RAM (more RAM is better)
- Install Windows Server 2008 R2, naming the computer VSTFS
- Use *secpol.msc* to drop the password complexity restriction
- Give the Administrator account the password password
- Create two more Administrator accounts:
 - Andy with a full name/description of Andy (TFS Administrator)
 - Paula with a full name/description of Paula (Product Owner)
- Create the [accounts](#) (TFSSERVICE, TFSBUILD, TFSREPORTS) required by TFS
- Manually update with current patches and service packs

C. Install additional server software

- [Install](#) and [verify](#) Internet Information Services 7.0
- [Install](#) and [verify](#) SQL Server 2008 R2
- [Install](#) and [verify](#) SharePoint 2010 Foundation and then [create](#) a Web application

Note: If you are unfamiliar with SharePoint Foundation, you can opt to have Team Foundation Server install/configure WSS 3.0 automatically. This works fine too.

- [Install](#) and [configure](#) Team Foundation Server 2010

Note: Install Team Foundation Server *and* Team Foundation Build Service.

- Install Team Foundation Server 2010 [SP1](#)
- Update all of the above software to current patches and service packs

D. Install client software

- Install Visual Studio 2010 Ultimate edition

Note: Install all options, with the exception of C++, F# and SQL Server Express

- Install Visual Studio 2010 [SP1](#)
- Install Microsoft Office 2010
- Install Microsoft Project 2010
- [Install](#) Expression Encoder to enable desktop video capture
- Update all of the above software to current patches and service packs

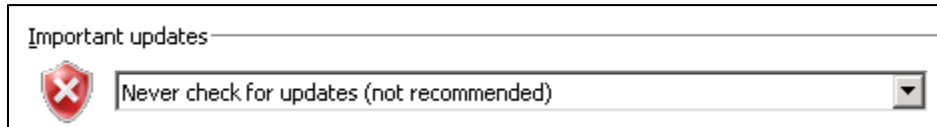
E. Other software and settings

- Install WINRAR or other .ZIP file management software
- Install and configure the SMTP service (optional) to test email-based alerts
- Enable remote desktop connection
- Activate Windows
- Save/image/snapshot the environment

F. FAQ

Q. Should I enable automatic updates?

A. No. They will inevitably interrupt the learning experience. Manual updates are better.



Q. Should I turn on Windows firewall?

A. No. It's not necessary and could only get in the way of the learning experience.

Q. Do I have to name the computer VSTFS?

A. Yes. The lab exercises will refer to this name.

Q. Do I have to name the service accounts TFSSERVICE, TFSBUILD, etc.

A. Yes. Some lab exercises will refer to these names.

Q. Who should be the person that creates this physical/virtual machine?

A. Preferably someone who has successfully installed and configured TFS 2010.