# Team Foundation Server 2015 Installation Guide



Benjamin Day benday@benday.com

> v1.0.0 August 7, 2015

Copyright © 2015 – Benjamin Day Consulting, Inc. – <u>www.benday.com</u> Printing or duplication is prohibited without author's expressed written permission.

# Contents

Chapter 1:	Install Windows Server 2012 R2	3
Introducti	ion	3
Install Wi	ndows Server 2012 R2	3
(Optional)	) Turn off IE Enhanced Security Configuration	27
(Optional)	) Enable Remote Desktop	31
Join this S	Server to the Active Directory Domain	
Chapter 2:	Install Pre-requisites for SQL Server 2014 and Team Foundation Server 20	15 40
Chapter 3:	Install SQL Server 2014	53
Chapter 4:	Install Team Foundation Server 2015	71
Introducti	ion	71
Run the Ir	nstaller	71
SQL Serve	er Database Information	77
TFS Servio	ce Account	78
TFS Servio	ce Network Port & Virtual Directory Name	79
TFS Build	Service Account	80
(Optional)	) Configure Reporting	81
SharePoir	nt Settings	85
Team Pro	ject Collection Settings	
Review, V	erifications, & Run the Install	

## **Chapter 1: Install Windows Server 2012 R2**

#### Introduction

The first step for installing Team Foundation Server 2015 (TFS2015) is to install Windows Server. In this guide, I'm going to be using Windows Server 2012 R2. I'm also assuming that you'll be installing TFS2015 in a single server configuration – aka. the TFS Application Tier and SQL Server will be installed on a single machine.

#### **Install Windows Server 2012 R2**

I'm assuming that you've got an Active Directory Domain already set up and configured and that we'll eventually be joining this new server to that domain.

- Either insert your **Windows Server 2012 R2 DVD** into the DVD drive or mount the **Windows Server 2012 R2 ISO image** into the DVD drive for your virtual machine.
- Start the machine

You will see the **Press any key to boot from CD or DVD....** message appear.



• Press any key to boot from the DVD drive

You should see the Windows Setup welcome screen.

Windows Scrup   Windows Server 2012 R2   Language to install:   English (United States)   Time and currency format:   English (United States)   Keyboard or input method:   US   Enter your language and other preferences and click "Next" to continue.	<i></i>	Windows Setup		<b>—</b>
Language to install: English (United States)   Time and currency format: English (United States)   Keyboard or input method: US   Cherer your language and other preferences and click "Next" to continue.		Windows Setup		
Language to install:       English (United States)         Time and currency format:       English (United States)         Keyboard or input method:       ▼         Model       US         Enter your language and other preferences and click "Next" to continue.         © 2013 Microsoft Corporation. All rights reserved.		Windows Server2	2012 R2	
Language to install:       English (United States)         Time and currency format:       English (United States)         Keyboard or input method:       US         Enter your language and other preferences and click "Next" to continue.         © 2013 Microsoft Corporation: All rights reserved.				
Ime and currency format: English (United States)         Keyboard or input method:         US         Enter your language and other preferences and click "Next" to continue.         © 2013 Microsoft Corporation. All rights reserved.	Li	anguag <u>e</u> to install: <mark>English (United States)</mark>		
Keyboard or input method:       US         Image: Comparison of the second o	<u>T</u> ime and	d currency format: English (United States)	<b>•</b>	
Enter your language and other preferences and click "Next" to continue. © 2013 Microsoft Corporation. All rights reserved. <u>Next</u>	<u>K</u> eyboard	l or input method: US	T	
© 2013 Microsoft Corporation. All rights reserved.	En	ter your language and other preferences and clic	:k "Next" to continue.	
	© 2013 Microsoft Corpo	oration. All rights reserved.	Next	

• Click Next



• Click the **Install now** button

You should see a screen saying that setup is starting.



You'll be prompted for a license key.

_		
	🥪 💰 Windows Setup	
	Enter the product key to activate Windows	
	It should be on the back of the box that Windows came in or in a message that shows you bought Windows.	
	The product key looks like this: XXXXX-XXXXX-XXXXX-XXXXX-XXXXX	
	Dashes will be added automatically.	
	Privacy statement Next	
1 Collecting information	2 Installing Windows	

- Enter your license key
- Click the **Next** button

You'll be prompted to choose what version of Windows Server 2012 R2 that you'd like to install. This guide assumes that you'll be installing Windows Server 2012 R2 Standard and that you'll be installing the graphical user interface (GUI).

Select the operating system you want to install         Operating system       Architecture       Date modified         Windows Server 2012 R2 Standard (Server Core Installation)       x64       11/21/2014         Windows Server 2012 R2 Standard (Server with a GU)       x64       11/21/2014         Windows Server 2012 R2 Standard (Server with a GU)       x64       11/21/2014         Windows Server 2012 R2 Standard (Server with a GU)       x64       11/21/2014         Description:       This option is useful when a GUI is required—for example, to provide backward compatibility for an application that cannot be run on a Server Core installation. All server roles and features are supported. You can switch to a different installation option later. See "Windows Server Installation Options."						
Select the operating system you want to install <u>Operating system</u> <u>Architecture</u> <u>Date modified</u> <u>Windows</u> Server 2012 R2 Standard (Server Core Installation) <u>x64</u> <u>11/21/2014</u> <u>Windows</u> Server 2012 R2 Standard (Server with a GUI) <u>x64</u> <u>11/21/2014</u> <u>Description</u> : <u>Description</u> <u>Description</u> <u>This</u> option is useful when a GUI is required—for example, to provide backward compatibility for an application that cannot be run on a Server Core installation. All server roles and features are supported. You can switch to a different installation option later. See "Windows Server Installation Options."	Í	G	🄏 Windows Setup			×
Operating system       Architecture       Date modified         Windows Server 2012 R2 Standard (Server Core Installation)       x64       11/21/2014         Windows Server 2012 R2 Standard (Server with a GUI)       x64       11/21/2014         Description:       This option is useful when a GUI is required—for example, to provide backward compatibility for an application that cannot be run on a Server Core installation. All server roles and features are supported. You can switch to a different installation option later. See "Windows Server Installation Options."			Select the operating system you want to install			
Windows Server 2012 R2 Standard (Server Core Installation)       x64       11/21/2014         Windows Server 2012 R2 Standard (Server with a GUI)       x64       11/21/2014         Description:       This option is useful when a GUI is required—for example, to provide backward compatibility for an application that cannot be run on a Server Core installation. All server roles and features are supported. You can switch to a different installation option later. See "Windows Server Installation Options."			Operating system	Architecture	Date modified	
Windows Server 2012 R2 Standard (Server with a GUI)       x64       11/21/2014         Description:       This option is useful when a GUI is required—for example, to provide backward compatibility for an application that cannot be run on a Server Core installation. All server roles and features are supported. You can switch to a different installation option later. See "Windows Server Installation Options."         Next			Windows Server 2012 R2 Standard (Server Core Installation)	х64	11/21/2014	
			Description: This option is useful when a GUI is required—for example, to p application that cannot be run on a Server Core installation. All supported. You can switch to a different installation option late Options."	rovide backward server roles and f r. See "Windows !	compatibility for an features are Server Installation <u>N</u> ext	
	Collecting information	2	Installing Windows			

- Choose Windows Server 2012 R2 Standard (Server with a GUI)
- Click the **Next** button

You'll be shown the license terms.

1	🚱 💰 Windows Setup	
	License terms	
	MICROSOFT SOFTWARE LICENSE TERMS	
	These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft:	
	<ul> <li>updates,</li> <li>supplements,</li> </ul>	
	Internet-based services, and	
	Next	
1 Collecting information	2 Installing Windows	

- Read the license terms in painstaking detail
- Check the I accept the license terms box
- Click the **Next** button

We'll be doing a new installation rather than an upgrade.

	Windows Setup Which type of installation do you want? Upgrade: Install Windows and keep files, settings, and applications The files, settings, and applications are moved to Windows with this option. This option is only available when a supported version of Windows is already running on the computer.	
	Custom: Install Windows only (advanced)         The files, settings, and applications aren't moved to Windows with this option. If you want to make changes to partitions and drives, start the computer using the installation disc. We recommend backing up your files before you continue.         Help me decide	
1 Collecting information 2	Installing Windows	

• Click Custom: Install Windows only (advanced)

You should now see a dialog that lets you choose where you'd like to install windows. I'm assuming that we'll be installing on a new computer without any existing partitions on the disk.

G	Windows Setup Where do you want to install Wi	ndows?		
	Name	Total size	Free space Type	
	Drive 0 Unallocated Space	127.0 GB	127.0 GB	
	<ul> <li>✓ Delete</li> <li>✓ Delete</li> <li>✓ Load driver</li> <li>→ Extend</li> </ul>	€ Format	<mark>∦ N<u>e</u>w</mark>	<u>Jext</u>
1 Collecting information 2	Installing Windows			

- Choose **Drive 0 Unallocated Space** or another appropriate partition or unallocated disk space
- Click **Next**

The installation should now be running.

	Mindows Setup	
	Your computer will restart several times. This might take a while.	
	Copying Windows files Getting files ready for installation (0%) Installing features Installing updates Finishing up	
Collecting information	2 Installing Windows	

Your server will automatically reboot when the installation is complete and you'll be prompted to create an administrator password.

			n to this computer.	
User name	Administrator			
Password	•••••			
Reenter password	•••••	<u>م</u>		

- Enter your password in the **Password** box
- Enter your password in the **Reenter password** box
- Click the **Finish** button

You should now see the lock screen for your new server.



• Type CTRL-ALT-DEL to open a login prompt

You should see the login prompt.



• Enter your **password** followed by **<ENTER>** 

You should now be logged in and you should see the server manager dashboard. The next step is to run Windows Update to patch this server.



• Click the **Windows button** in the bottom left of the screen to navigate to the Start screen

You should now be at the Start screen. Next you'll search for Windows Update. When you search, you don't have to open any search boxes – you can just start typing.



• Type Windows Update

The search panel should open and you should see the 'windows update' search as well as the search result. You should see the **Windows Update** icon in the search results.



• Click Windows Update

You should now see the Windows Update dialog. By default, Windows Update only gets patches for Windows itself but we want to enable patches for other products as well.



• In the left column, click the Change settings link

You should be on a dialog with the title **Choose your Windows Update settings**.

<b>3</b> 39	Change settings
• ک	↑ 🐼 « Windows Update → Change settings v C Search Control Panel P
	Choose your Windows Update settings When your PC is online, Windows can automatically check for important updates and install them using these settings. When new updates are available, you can also choose to install them when you shut down your PC.
1	Important updates Install updates automatically (recommended)
	Updates will be automatically downloaded in the background when your PC is not on a metered Internet connection.
	Updates will be automatically installed during the maintenance window.  Recommended updates  Give me recommended updates the same way I receive important updates
2	Microsoft Update
	Note: Windows Update might update itself automatically first when checking for other updates. Read our privacy statement online.
	OK Cancel

- Under Important updates, choose **Install updates automatically (recommended)** from the dropdown menu
- Under Microsoft Update, check **Give me updates for other Microsoft products when I update Windows**
- Click the **OK** button

Windows Update should now be checking for updates. You should also see that you receive updates for Windows and other products from Microsoft Update.

۹ ۹	Windows Up	date 🗕 🗖
🔄 🏵 🝷 🕇 🐼 🕨 Control Par	nel	s Update v 🖒 Search Control Panel
Control Panel Home	Windows Update	
Check for updates		
Change settings	Checking for u	ipdates
View update history		
Restore hidden updates		
	Most recent check for updates:	Never
		For Windows and other products from Microsoft Undate

Windows Update will eventually find a ton of available updates. You'll almost definitely have both "important" and "optional" updates. We're going to install the optional updates in addition to the important updates. Basically, in order to make sure that there aren't any weird problems with your installation, you're going to be installing everything.

<b>43</b>	Windows Up	date 📃 🗖
Image:	System and Security   Windows	Search Control Panel
Control Panel Home	Windows Update	
Check for updates		á
Change settings View update history	You're set t	o automatically install updates
Restore hidden updates	48 important u available	odates are
	58 optional upo	lates are available
	ust recent check for updates:	Never
	Updates were installed:	Never
You receive updates: For Windows and		For Windows and other products from Microsoft Update
	and the second s	and the second sec

• Click the link for the optional updates. In the screenshot, it says **58 optional updates** are available

You should be on a screen that says **Select the updates you want to install** and you should be on the **Optional** tab. The important updates have already been selected for you. You want to select all the optional updates.

<b>W</b>	Select upd	ates to install		_ <b>D</b> X
€ 🗇 ד ↑	🐼 « Windows Update 🕨 Select updates to instal	ۍ ب I	1	Search Control Panel 🔎
Select the u	pdates you want to install			
	Name •	Size	^	Microsoft .NET Framework
Important (48)	Upc (58)	^		4.5.2 for Windows 8.1 and Windows Server 2012 P2 for
	Microso, NET Framework 4.5.2 for Windows 8	71.6 MB		x64-based Systems
Optional (58)	✓ Update for Wu. ws Server 2012 R2 (KB2938066)	11.0 MB	_	(KB2934520)
	Update for Windowsver 2012 R2 (KB2989930)	164 KB	=	
	✓ Update for Windows Server . 112 R2 (KB3004394)	1.3 MB		
	Update for Windows Server 2012 n. (KB3006137)	5.9 MB		The Microsoft .NET Framework
	Update for Windows Server 2012 R2 (KBs. 12702)	14.8 MB		4.5.2 is a highly compatible, in-place update to the .NET
	Update for Windows Server 2012 R2 (KB3013172,	90 KB		Framework 4, 4.5 and 4.5.1. By
	Update for Windows Server 2012 R2 (KB3013410)	1.1 18		using the .NET Framework 4.5.2
	Update for Windows Server 2012 R2 (KB3013538)	3.6 MB		Basic programming languages
	Update for Windows Server 2012 R2 (KB3013769)	55.8 MB - 56.2		you can write Windows Store
	Update for Windows Server 2012 R2 (KB3013791)	199 KB		apps. The .NET Framework 4.5.2
	Update for Windows Server 2012 R2 (KB3013816)	4.8 MB		delivers better performance,
	✓ Update for Windows Server 2012 R2 (KB3016074)	913 KB		previous versions. After you
	Update for Windows Server 2012 R2 (KB3018467)	15.2 MB		install this update, you may have
	Update for Windows Server 2012 R2 (KB3020338)	597 KB		to restart your computer.
	✓ Update for Windows Server 2012 R2 (KB3024751)	650 KB		Published: 1/13/2015
	Update for Windows Server 2012 R2 (KB3024755)	557 KB		You may need to restart
	✓ Update for Windows Server 2012 R2 (KB3027209)	2.1 MB		your PC after installing
	✓ Update for Windows Server 2012 R2 (KB3029438)	129 KB	L	
		- 04 4 KD	~	😑 Update is ready to 🔍 🎽
	Total selected: 48 important updates, 5	8 optional updates (488.9 MB - 4	39.2	MB) Install Cancel
			_	

- Above all the checkboxes for the individual updates in the column header, there's a checkbox. It will be unchecked. **Check this checkbox** to select all the updates.
- Click the **Install** button to start the installation

The download should be started and eventually the updates will install.

<b>3</b> 9	Windows Up	date	
	System and Security   Windows	Update v	Search Control Panel
Control Panel Home	Windows Update		1
Check for updates Change settings View update history Restore hidden updates	Downloading to Downloading 106 u	updates pdates (0 KB total, 0'	% complete) Stop download
	Most recent check for updates: Updates were installed: You receive updates:	Never Never For Windows and c	other products from Microsoft Update
and the second s		hannen (	أيرمحن ومسري

- | **B** Windows Update Image → Control Panel → System and Security → Windows Update Search Control Panel € Ϯ v. Ç C Control Panel Home Windows Update Check for updates Change settings The updates were installed View update history Restore hidden updates Most recent check for updates: Never Updates were installed: Never For Windows and other products from Microsoft Update You receive updates:

After a while, Windows Update should report that the updates were installed.

Close this window

Windows is now installed and patched. Next up: let's disable a useless and annoying antifeature in Windows called IE Enhanced Security.

## (Optional) Turn off IE Enhanced Security Configuration

Ok. So if you're paranoid about the internet and making sure that your server doesn't accidentally get infected by a virus that comes in because of someone's hapless browsing habits, you'll probably want to skip this section.

If you don't wear a tinfoil hat every day to keep the illuminati's evil space rays from controlling your mind, then you're probably like me and find IE Enhanced Security to be a royal pain in the behind. At some point you're going to want to use the Internet Explorer web browser on this server and it'll be painful if IE Enhanced Security is turned on.

Let's turn it off.

You'll start this process by using Server Manager.

<b>A</b>		Server Manager 🛛 🥻
Server Ma	anager • Da	shboard
Cashboard	WELCOME TO S	ERVER MANAGER
Local Server		1 Configure this loss
File and Storage Services ▷		
	QUICK START	2 Add roles and featur
man and a second	-	3 Add other servers to

• In the left column of Server Manager, click Local Server

Towards the right side of the Server Manager window, you'll see an item that says **IE Enhanced Security Configuration**. It'll be set to **On**.

		Server Manager		
🗧 🗸 Server Ma	anager • Local Se	erver	🔹 🕝   🚩 Manage Tools	View He
Dashboard	For WIN-TNJIEBD4P4	1		TASKS 🔻
Local Server	Computer name		lact installed undates	Never
All Servers	Workgroup	WORKGROUP	Windows Update	Install upo
■ File and Storage Services ▷			Last checked for updates	Never
	Windows Firewall	Private: On	Windows Error Reporting	Off
	Remote management	Enabled	Customer Experiment Improvement Dec.	, Net pertic
	Remote Desktop	Disabled	IE Enhanced Security Configuration	On
	NIC Teaming	Disabled	Time zone	(010-08:0
	Ethernet	IPv4 address assigned by DHCP, IPv6 enabled	Product ID	00252-00

• Click the link that says **On** 

You should now see the Internet Explorer Enhanced Security Configuration dialog.

tion 💌
es the sent.
E E
5

- Under Administrators, select the **Off** radio button
- (Optional) Under Users, select the **Off** radio button
- Click the **OK** button

You should now be back at the main page of the Server Manager.



• Click the **Refresh** button

IE Enhanced Security Configuration should now be set to Off.



### (Optional) Enable Remote Desktop

Are you lazy or maybe lazy-ish? Do you like convenience? Yah. Me, too. So that means that you'll probably want to enabled Remote Desktop. If you're a member of the Tinfoil Hat Patrol, you'll probably want to skip this section.

• Find Remote Desktop in Server Manager



• Click the **Disabled** link to the right of Remote Desktop

You should now see the **System Properties** dialog.

	S	ystem Pro	perties	L.
Computer Name	Hardware	Advanced	Remote	
Remote Assist	ance			
Allow <u>R</u> em	ote Assistanc	ce connectio	ns to this com	puter
				Advanced
				Auvanceu
⊂ Remote Deskt	00			
Choose an on	tion and the	n snecify wh		. 1
				··
O Don't allow	remote con	nections to ti	his computer	
Allow remo	te connectio	ns to this co	mputer	
Allow co Desktop	onnections o p with <u>N</u> etwo	nly from com ork Level Aut	puters running hentication (re	Remote commended)
	_			
Help me choo	se			Select Users
		OK		ocel

- In the Remote Desktop group, choose **Allow remote connections to this computer**
- Click the **OK** button

Remote Desktop is enabled.

#### Join this Server to the Active Directory Domain

At the moment, you've got a stand-alone server with a wacky name that's not attached to anything. Workgroups? That's like the networking equivalent of having a stand-alone MP3 player that only syncs over USB. Who does that? What year is this?! 2005?! Not very useful. You'll now rename this computer and join it to your Active Directory domain so that it plays nicely with others.

In Server Manager, you'll see **Computer name** and **Workgroup**.

r iviar	lager • Local se	rver	1
	PROPERTIES For WIN-TNJIEBD4P41		
	Computer name Workgroup	WIN-TNJIEBD4P41	
s Þ	-	a server	3

• Click on the computer name link

You should now see the System Properties dialog.



• Click the **Change...** button

You should now be on the **Computer Name/Domain Changes** dialog. The dialog should be showing you the current name of the computer and the workgroup membership.

Computer Name/Domain Changes
You can change the name and the membership of this computer. Changes might affect access to network resources.
Computer name:
WIN-TNJIEBD4P41
Full computer name: WIN-TNJIEBD4P41
More
Member of
O Domain:
• Workgroup:
WORKGROUP
OK

You should now change the values to be what you want the server to be named and the Active Directory domain that it should be attached to.

Computer Name/Domain Changes		
You can change the name and the membership of this computer. Changes might affect access to network resources.		
Computer name:		
TFS2015		
Full computer name: TFS2015		
<u>M</u> ore		
Member of		
Domain:		
demo.local		
○ <u>W</u> orkgroup:		
WORKGROUP		
OK Cancel		

- In the Computer name textbox, enter the desired name for this server
- Under **Member of** choose the **Domain** radio button
- In the **Domain** textbox, enter the name of the Active Directory domain
- Click the **OK** button
You'll be prompted for the username and password for a domain administrator for the target domain.

	Windows Security
Computer Enter the nam domain.	Name/Domain Changes e and password of an account with permission to join the
	demo\administrator  •••••• Domain: demo
	OK Cancel

- Enter the username and password
- Click **OK**

You should see a dialog welcoming you to the new domain.



• Click **OK** 

You'll be notified that you'll need to reboot this server.



• Click the **OK** button



• Click the **Close** button



• Click the **Restart Now** button

The server will restart and return you to the lock screen.

The server has been installed and joined to the domain.

# Chapter 2: Install Pre-requisites for SQL Server 2014 and Team Foundation Server 2015

Before you can install SQL Server or Team Foundation Server, you'll need to enable their prerequisite roles and features in Windows Server.

- Log on to the server using an account that is a member of the Adminstrators group
- Run Server Manager

First we need to verify that the .NET Framework 3.5 features are installed on this server.



- In Server Manager, click Add roles and features
- On the Before you begin page of the wizard, click Next
- On the Select installation type page, choose Role-based or feature-based installation and click Next
- On the Select destination server page
  - Choose Select a server from the server pool
  - Select the name of the current server
  - Click **Next**

You should now be on the **Select server roles** page of the wizard.

2	Add Roles and Features Wizard
Select server role	s
Before You Begin	Select one or more roles to install on the selected server.
Installation Type	Roles
Server Selection	Active Directory Cartificate Services
Server Roles	Active Directory Certificate Services
Features	Active Directory Federation Services
Application Server	Active Directory Lightweight Directory Services
Role Services	Active Directory Rights Man gement Services
Confirmation	Application Server
Results	
An and and	DNS Server

- Check Application Server
- Click Next

You should now be on the **Select features** page.

<b>a</b>	Add Roles and Features Wizard 🛛 🏅
Select features	
Before You Begin	Select one or more features to install on the selected server
Installation Type	Features
Server Selection	NET Framework 3.5 Features
Server Roles	INET Framework 4.5 Features (2 of 7 installed)
Features	Background Intelligent Transfer Service (BTTS)
	L Branner Charles Charles

- Verify that .NET Framework 3.5 Features is checked
- Verify that .NET Framework 4.5 Features is checked
- Click **Next**

You'll probably see a message about the Application Server role.

<b>B</b>	Add Roles and Features Wizard
Application Serve	DESTINATION SERVER demotfs2015.demo.local
Before You Begin Installation Type Server Selection Server Roles	Application Server hosts and centrally manages applications that interoperate with systems on the network such as heterogeneous databases, identity management services, security systems, and Web applications and services. Application Server also supports developing custom business applications through integrated services such as the .NET Framework 4.5, COM+, Web Server (IIS) Support, and Message Queuing.
Features	Things to note:
Application Server	• We recommend that you install Web Server (IIS) Support if you plan to host distributed applications
Role Services	built using ASP.NET or Windows Communication Foundation (WCF).
Confirmation	
Results	
	More information about Application Server
	< Previous Next > Install Cancel

• Click Next

You should now see the **Select role services** page of the wizard. We're going to install **Web Server (IIS) Support** because TFS2015 is going to need it.

Add Roles and Features Wizard	
Select role servic	Select the role services to install for Application Server
Installation Type	Pala corviner
Server Selection	Role services
Server Belection	✓ .NET Framework 4.5
Server Roles	COM+ Network Access
Features	Distributed Transactions
Application Server	WS-Atomic Transactions
Role Services	Incoming Network Transactions
Confirmation	Outgoing Network Transactions
Results	
	Web Server (IIS) Support
	Mindows Process Activation Service Support
	HTTP Activation
	Message Queuing Activation
the second second	amed Ripes Artivation

• Click the checkbox for **Web Server (IIS) Support** 

You'll see a new dialog for the **Add Roles and Features Wizard** asking you to approve the selection of a bunch of IIS-related features.

🚡 Add Roles and Features Wizard 🗙
Add features that are required for Web Server (IIS) Support?
You cannot install Web Server (IIS) Support unless the following role services or features are also installed.
<ul> <li>.NET Framework 4.5 Features</li> <li>ASP.NET 4.5</li> <li>Web Server (IIS)</li> <li>Web Server</li> <li>Common HTTP Features</li> <li>Static Content</li> <li>Default Document</li> <li>Directory Browsing</li> <li>HTTP Errors</li> </ul>
Include management tools (if applicable)  Add Features Cancel

• Click the **Add Features** button

You should be back on the previous screen and Web Server (IIS) Support should be checked.



Click Next

È.	Add Roles and Features Wizard
Web Server Role	(IIS) DESTINATION SERVER demotfs2015.demo.local
Before You Begin Installation Type Server Selection Server Roles Features Application Server Role Services Web Server Role (IIS) Role Services Confirmation Results	<ul> <li>Web servers are computers that let you share information over the Internet, or through intranets and extranets. The Web Server role includes Internet Information Services (IIS) 8.5 with enhanced security, diagnostic and administration, a unified Web platform that integrates IIS 8.5, ASP.NET, and Windows Communication Foundation.</li> <li>Things to note: <ul> <li>Using Windows System Resource Manager (WSRM) can help ensure equitable servicing of Web server traffic, especially when there are multiple roles on this computer.</li> <li>The default installation for the Web Server (IIS) role includes the installation of role services that enable you to serve static content, make minor customizations (such as default documents and HTTP errors), monitor and log server activity, and configure static content compression.</li> </ul> </li> </ul>
	More information about Web Server IIS
	< Previous Next > Install Cancel

• Click Next

You should now be on the **Role Services** page for the Web Server Role (IIS) features. Don't modify any of the options.

Select role services		
Before You Begin Select Installation Type Role Server Selection Server Roles Features Application Server Role Services	tt the role services to install for Web Server (IIS) services  ✓ Web Server  ✓ Common HTTP Features  ✓ Default Document  ✓ Directory Browsing  ✓ HTTP Errors	Description Web Server provides support for HTML Web sites and optional support for ASP.NET, ASP, and Web server extensions. You can use the Web Server to host an internal or external Web site or to provide an environment for developers to
Web Server Role (IIS) Role Services Confirmation Results	✓ Inne Liobs     ✓ Static Content     ✓ HTTP Redirection     ✓ WebDAV Publishing     ✓ Health and Diagnostics     ✓ HTTP Logging     Custom Logging     ✓ Logging Tools     ODBC Logging     ✓ Request Monitor     ✓	environment for developers to create Web-based applications.

• Click Next

You should now be on the **Confirm installation selections** page.

<b>b</b>	Add Roles and Features Wizard
Confirm	installation selections
🛕 Do you ne	ed to secify an alternate source path? One or more installation selections are missing source
Before You B	legin To install the following roles, role services, or features on selected servery
Installation Ty	ype Restart the destination server automatically if required
Server Select	tion Optional features (such as administration tools) might be displayed on
Server Roles	their check boxes.

• Click the checkbox for Restart the destination server automatically if required

You'll be prompted to approve automatic restarts.

Add Roles and Fea	tures Wizard	x
If a restart is required, this server n additional notifications. Do you w	estarts automatically, without ant to allow automatic restarts?	
	Yes No	

• Click Yes

You should now be on the **Confirm installation selections** page and **Restart the destination server automatically if required** should be checked.

Þ		Add Roles and Features Wizard	
	Confirm installatic	on selections Destination demotifs2015.der	SERVER no.local
	🛕 Do you need to specify an a	alternate source path? One or more installation selections are missing source files on the destinati	×
	Before You Begin	To install the following roles, role services, or features on selected server, click Install.	
	Installation Type	<ul> <li>Restart the destination server automatically if required</li> </ul>	
	Server Selection	Optional features (such as administration tools) might be displayed on this page because they he	ave
	Server Roles	been selected automatically. If you do not want to install these optional features, click Previous t their check boxes.	o clear
	Features		
	Application Server	.NET Framework 3.5 Features	^
	Role Services	.NET Framework 3.5 (includes .NET 2.0 and 3.0)	=
	Web Server Role (IIS)	.NET Framework 4.5 Features	
	Role Services		
	Confirmation	.NET Framework 4.5	
		Web Server (IIS) Support	
		Web Server (IIS)	
		Web Server	~
		Export configuration settings	
		Specify an alternate source path	
		< Previous Next > Install Ca	ncel

- Check Restart the destination server automatically if required
- Click Install

The features should now be installing.

<b>b</b>	Add Roles and Features Wizard
Installation progr	ress
Before You Begin	View installation progress
Installation Type	Feature installation
Server Selection	
Server Roles	Installation started on demotfs2015.demo.local
Features	.NET Framework 3.5 Features
Application Server	.NET Framework 3.5 (includes .NET 2.0 and 3.0)
Role Services	.NET Framework 4.5 Features
Web Server Role (IIS)	ASP.NET 4.5
Role Service	Application Server

Eventually, the feature installation should finish.

È.	Add Roles and Features Wizard	
Installation progr	Cessinatii demotfs2015	ON SERVER .demo.local
Before You Begin	View installation progress	
Installation Type	i Feature installation	
Server Selection		
Server Roles	Installation succeeded on demotfs2015.demo.local.	
Features	.NET Framework 3.5 Features	^
Application Server	.NET Framework 3.5 (includes .NET 2.0 and 3.0)	_
Role Services	.NET Framework 4.5 Features	-
Web Server Role (IIS)	ASP.NET 4.5	
Role Services	Application Server	
Confirmation	Web Server (IIS) Support	
Results	Web Server (IIS) Web Server	
	Static Content	$\checkmark$
	You can close this wizard without interrupting running tasks. View task progress or op page again by clicking Notifications in the command bar, and then Task Details. Export configuration settings	oen this
	< Previous Next > Close	Cancel

- Verify that the installation succeeded
- Click Close

## Chapter 3: Install SQL Server 2014

This chapter will walk you through the process of installing SQL Server 2014 for use with TFS.

- Log on to the server using an account that is a member of the **Adminstrators** group
- Insert the SQL Server 2014 DVD or mount the appropriate ISO image
- Open the DVD drive using Windows Explorer (explorer.exe)



- Run the SQL Server setup program
- Click Yes on any User Account Control dialogs that appear

You should now see the SQL Server Installation Center window.



- In the left panel, click Installation
- In the right panel, click **New SQL Server stand-alone installation or add features to an existing installation**

You might now be prompted for a license key.

1	SQL Server 2014 Setup
<b>Product Key</b> Specify the edition of SQL Set	rver 2014 to install.
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files	Validate this instance of SQL Server 2014 by entering the 25 certificate of authenticity or product packaging. You can also as Evaluation or Express. Evaluation has the largest set of SQL Server Books Online, and is activated with a 180-day expiration another, run the Edition Upgrade Wizard.
Install Rules Setup Role Feature Selection Feature Rules Feature Configuration Rules Ready to Install	Evaluation  Enter the product key:

- Enter a license key
- Click Next



- Check I accept the license terms
- Check Turn on Customer Experience Improvement Program...
- Click **Next**



- Check Use Microsoft Update to check for updates
- Click **Next**

Verify that none of the install rule checks have failed.

5	SQL Server 2014 Setup	
Install Rules Setup rules identify potentia	I problems that might occur while unning Setup. Failures must be correct	ted before Setup
can continue.		
Product Key	Operation completed. Passed: 6. Failed 0. Warning 1. Skipped 0.	
License Terms		
Global Rules		
Microsoft Update	Hide details <<	
Product Updates	View detailed report	
Install Setup Files	· · · · · · · · · · · · · · · · · · ·	
Install Rules	Rule	Status
Setup Role	Fusion Active Template Library (ATL)	Passed
Feature Selection	Previous releases of SQL Server 2008 Business Intelligence Devel	. <u>Passed</u>
Feature Rules	Consistency validation for SQL Server registry keys	Passed
Feature Configuration Rules	Computer domain controller	Passed
Ready to Install	Microsoft .NET Application Security	Passed
Installation Progress	🔥 Windows Firewall	Warning
Complete	Right install when Missesoft SOL Server 2014 CTB1 is present	Dassed

- Verify that there are 0 failures
- Click Next

You'll now be prompted to choose which type of installation you want to do.



- Choose SQL Server Feature Installation
- Click **Next**

You should now be on the Feature Selection page.

1	SQL Server	2014 Setup	_ <b>D</b> X
Feature Selection Select the Standard features to	install.		
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Features:         Instance Features         Instance root directory:         Shared feature directory (x86):	Extractions for Sea	Feature description:         The configuration and operation of each instance feature of a SQL Server instances is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on         Prerequisites for selected features:         Already installed:
		< Back	Next > Cancel Help

- Under Instance Features check
  - **o** Database Engine Services
  - Full-text and Semantic Extractions for Search
  - Analysis Services
  - Reporting Services Native
- (Optional) Under **Shared Features** check
  - Management Tools Complete
- Click Next

If you get this failure, something went wrong when you installed the .NET Framework 3.5 features. Make sure that you installed the pre-requisites properly.



You should now be on the Instance Configuration page.

1	SQL	. Server 2014 Setup
Instance Configur	ation	5
Specify the name and ir	nstance ID for the instance of SQL S	erver. Instance ID becomes page
Product Key	Default instance	\$
License Terms Global Rules	O Named instance:	MSSQLSERVER
Microsoft Update		
Product Updates	Instance ID:	MSSQLSERVER
Install Setup Files		man and
	A marken and a second s	man man

- Choose **Default instance**
- Click **Next**

On the **Server Configuration** page you need to set all the services to automatically start.

<b>1</b>	SQL Server 201	4 Setup			
Server Configuration	<b>n</b> s and collation configuration.				
Product Key License Terms Global Pulor	Service Accounts Collation Microsoft recommends that you use	a separate account for each	SQL Server servic	e.	
VIIUUGLIVUES					
Microsoft Update	Service	Account Name	Password	Startup Type	
Microsoft Update Product Updates	Service SQL Server Agent	Account Name NT Service\SQLSERVERA	Password	Startup Type Automatic	~
Microsoft Update Product Updates Install Setup Files	Service SQL Server Agent SQL Server Database Engine	Account Name NT Service\SQLSERVERA NT Service\MSSQLSERVER	Password	Startup Type Automatic Automatic	~
Microsoft Update Product Updates Install Setup Files Install Rules	Service SQL Server Agent SQL Server Database Engine SQL Server Analysis Services	Account Name NT Service\SQLSERVERA NT Service\MSSQLSERVER NT Service\MSSQLServe	Password	Startup Type Automatic Automatic Automatic	× × ×
Microsoft Update Product Updates Install Setup Files Install Rules Setup Role	Service SQL Server Agent SQL Server Database Engine SQL Server Analysis Services SQL Server Reporting Services	Account Name NT Service\SQLSERVERA NT Service\MSSQLSERVER NT Service\MSSQLServe NT Service\ReportServer	Password	Startup Type Automatic Automatic Automatic Automatic	× × ×
Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection	Service SQL Server Agent SQL Server Database Engine SQL Server Analysis Services SQL Server Reporting Services SQL Full-text Filter Daemon Launc	Account Name NT Service\SQLSERVERA NT Service\MSSQLSERVER NT Service\MSSQLServe NT Service\ReportServer NT Service\MSSQLFDLa	Password	Startup Type Automatic Automatic Automatic Automatic Manual	> > > >

- For each service, set **Startup Type** to **Automatic**
- Click **Next**

1	SQL Server 2014 Setup
Database Engine Confi	guration
Specify Database Engine auther	ntication security mode, administrators and data directories.
Product Key	Server Configuration Data Directories FILESTREAM
License Terms Global Rules	Specify the authentication mode and administrators for the Da
Microsoft Update	Authentication Mode
Product Updates	<ul> <li>Windows authentication mode</li> </ul>
Install Setup Files	O Mixed Mode (SQL Server authentication and Windows auth
Install Rules	
Setup Role	Specify the password for the SQL Server system administrator
Feature Selection	Enter password:
Instance Configuration	Confirm password:
Server Configuration	Specify SQL Server administrators
Database Engine Configuration	
Analysis Services Configuration	BENDAY (benday (benjamin Day)
Reporting Services Configuration	· · · · · · · · · · · · · · · · · · ·
Feature Configuration Rules	A A A A A A A A A A A A A A A A A A A
Ready to Install	
Installation Progress	Add Current User Add Remove
Complete	
and have been an	And the second s

- Choose Windows authentication mode
- Click the Add Current User button to add the current user as a SQL Server administrator
- (Optional) Click the **Add...** button and add the **Domain Admins** group to the SQL Server administrators
- Click **Next**

Copyright © 2015 – Benjamin Day Consulting, Inc. – <u>www.benday.com</u> Printing or duplication is prohibited without author's expressed written permission.



- Click the **Add Current User** button to add the current user as an Analysis Server administrator
- (Optional) Click the **Add...** button and add the **Domain Admins** group to the Analysis Services administrators
- Click Next



- Choose Install and configure
- Click Next

You should now see the Ready to Install page.



• Click Install

The installer should now be running.

1	SQL Server 2014 Setup	_ 🗆 X
Installation Progress		
Product Key License Terms Global Rules Microsoft Update Product Updates Install Setup Files Install Rules Setup Role Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Analysis Services Configuration Reporting Services Configuration Feature Configuration Rules Ready to Install Installation Progress Complete	Install_WatsonX86_Cpu32_Action	
	Next > Cancel	Help

Eventually, the installer should finish.

1	SQL Server 2014 Setup	<b>(</b>
<b>Complete</b> Your SQL Server 2014 installati	on completed successfully with product updates.	3
Product Key	Information about the Setup operation or possible	next steps:
License Terms	Feature	Status
Global Rules	Management Tools - Complete	Succeeded
Microsoft Update	Management Tools - Basic	Succeeded
Product Updates	Reporting Services - Native	Succeeded
Install Setup Files	Database Engine Services	Succeeded 🧹
Install Rules	Full-Text and Semantic Extractions for Search	Succeeded
Setup Pole	Analysis Services	Succeeded 🖉
Feature Selection		1
- Ceature	and the state of the second of the	

- Verify that all items installed successfully
- Click **Close** to exit the installer

You should now be back on the **SQL Server Installation Center**.

<b>t</b>	SQL Server Installation Center
Planning	New SQL Server stand-alone installation or add features to an existing installation
Installation	Launch a wizard to install SQL Server 2014 in a non-clustered environment or padd features to an existing SQL Server 2014 instance
Maintenance	reactives to an existing see server 2014 instance.
Tools	New SQL Server failover cluster installation
Resources	Launch a wizard to install a single-node SQL Server 2014 fallover curver.
Advanced	Add node to a SQL Server failover cluster
¥ l	Launch a wizard to add a node to an existing SQL Server 2014 failover cluster.
Options	Upgrade from SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012
	Launch a wizard to upgrade SQL Server 2005, SQL Server 2008, SQL Server 2008 R2 or SQL Server 2012 to SQL Server 2014.
Museul and	A market and a second

• Click the close button to exit the installer

SQL Server 2014 is now installed.

• (Recommended) Re-run **Windows Update** and install any available updates

## Chapter 4: Install Team Foundation Server 2015

#### Introduction

Now that Windows and SQL Server are installed, you're ready to install Team Foundation Server 2015 (TFS2015). You'll probably want to create three domain accounts for use by the various pieces of TFS: TFS Service (*domain*\tfsservice), TFS Reports (*domain*\tfsreports), and TFS Build (*domain*\tfsbuild).

- If you're installing this on a Hyper-V virtual machine with dynamic memory enabled, change the **minimum amount of RAM to 2GB** (at least temporarily) to allow Team Foundation Server 2015 to install along with SQL Server.
- Gather the username and passwords for the 3 TFS service accounts (see above)
- Log on to the server using a user account with Administrator privileges

#### **Run the Installer**

- Mount the TFS2015 ISO image or insert a TFS2015 installer DVD
- Using Windows Explorer (explorer.exe), navigate to the installer directory



• Run tfs\_server.exe

Copyright © 2015 – Benjamin Day Consulting, Inc. – <u>www.benday.com</u> Printing or duplication is prohibited without author's expressed written permission. You should see the Team Foundation Server Setup dialog.



• Click Install
You'll see a User Account Control dialog.

۲	User Account Control ×		
Do cha	Do you want to allow the following program to make changes to this computer?		
×	Program name:tfs_server.exeVerified publisher:Microsoft CorporationFile origin:Hard drive on this computer		
Show d	tails Yes No		
	Change when these notifications appear		

• Click Yes

The installer will run and copy files to your disk and install some component pieces.



You should now see the **Team Foundation Server Configuration Center**. You'll be doing a **Standard Single Server** configuration.

📅 Team Fo	undation Server Configuration Center
h Configuration Center	
Configure Team Foundation Application Server Durin Control Full Server Application Comp Upgrade Configure Team Foundation Server Proxy Configure Extensions for Shall Point Products Additional Tools and Components Configure XAML Build Service Visual SourceSafe Upgrade PreEmptive Analytics Community Edition	<ul> <li>About this Wizard</li> <li>Use the Full Server wizard if you would like to set up SharePoint or Reporting integration with Team Foundation Server, or if you want complete flexibility over all configuration settings for your Application Tier.</li> <li>You want to use this wizard if one or more of the following statements are true:</li> <li>You want to configure TFS to integrate with an existing deployment of SharePoint.</li> <li>You want to configure TFS to integrate with SQL Server Reporting Services.</li> <li>You want to utilize a remote or non-default instance of SQL Server to host your databases.</li> <li>You want to install the Application Tier on a different port.</li> <li>You want to use Negotiate (Kerberos) authentication.</li> <li>You do not want to use this wizard if one or more of the following statements are true:</li> <li>You are reinstalling the Application Tier or adding an additional Application Tier using existing databases.</li> </ul>
Team Foundation Server 2015 RC	Start Wizard Close

- Choose Full Server from the left panel
- Click Start Wizard

You should now be on the Full Server Configuration Wizard's welcome screen.

Team Foundation Server Full Server Configuration				
Full Server Configuration Wizard				
Welcome Database Account Application Tier Build Reporting SharePoint Project Collection	Welcome to the Full Server Configuration Wizard Before continuing with configuration, please review a list of important changes since the product was released. <u>Click here</u> You have installed new Team Foundation Server components and need to configure them for operation. This wizard gives you the complete flexibility to customize your Team Foundation Server environment to suit your needs.			
<b>Review</b> Readiness Checks Configure Complete	Help Improve Team Foundation Server As part of the Visual Studio Experience Improvement Program (VSEIP), we will collect performance, settings, reliability, connectivity, and usage data related to your use of Visual Studio. Under VSEIP, we will also collect information about your installation and configuration of Team Foundation Server and other components it installs. This data will not be used to personally identify you. If you would prefer not to share this information, select the applicable option below. Participation is required when using pre-release versions of Team Foundation Server. <ul> <li>Yes, I want to participate in the Visual Studio Experience Improvement Program.</li> </ul>			
Team Foundation Se	<ul> <li>No, I do not want to participate.</li> <li>For more information, click <u>Privacy Statement</u>.</li> <li>erver 2015 RC Previous Next Review Cancel</li> </ul>			

# **SQL Server Database Information**

You should now be on a page that prompts you for the name of the SQL Server instance to use.

	Team Foundation Server Full Server Configuration	1
🙀 Full Server	Configuration Wizard	Ľ
Welcome Database Account Application Tier Build	Specify Team Foundation Server Databases Specify the SQL Server instance information for the configuration and reporting databases. Note, the reporting databases will only be used if you elect to configure reporting later in this wizar SQL Server Instance: demotfs2015	Ę
Reporting SharePoint Project Collection	Advanced Options	

- Enter the name of the **SQL Server Instance**
- Click the **Test** link to verify that you can connect
- Click **Next**

# **TFS Service Account**

You'll be prompted for the service account that TFS will run as. The default is to use a system account such as NT AUTHORITY\NETWORK SERVICE. In order to make your life easier later, for permissions management reasons my recommendation is run TFS as a domain user such as **TFS Service**.

	Team Foundation S	Server Full Server Configuration
Full Server Co	onfiguration Wiz	ard
Welcome Database Account Application Tier Build Reporting SharePoint Project Collection	Provide the Service Ac The service account is used same account for all TFS-re to enter a user account here Service Account O Use a system account : O Use a user account : Account Name:	Account and Authentication Method as the primary account for Team Foundation Server. If you want to use the lated services, including SharePoint and Reporting integration, you will need a. NT AUTHORITY\NETWORK SERVICE
Review	Password:	
Readiness Checks Configure Complete	Authentication Method Select an authentication me authentication is recomme configuration to use with Ir additional configuration by domain. <u>More information</u> .	ethod for users who connect to Team Foundation Server. NTLM nded for most configurations. Negotiate (Kerberos) is a more secure itegrated Windows authentications but will require a significant amount of a domain administrator. Kerberos also can only be used by computers on a
	<ul> <li>NTLM</li> <li>Negotiate (Kerberos)</li> </ul>	

- Select Use a user account
- In the Account Name textbox, enter the user name for the TFS service user
- In the **Password** textbox, enter the password for the TFS service user
- Click the Test link to verify the login information
- Click Next

#### **TFS Service Network Port & Virtual Directory Name**

You should now see the **Provide the Settings for Your Application Tier Web Services** page. Don't make any changes.

Team Foundation Server Full Server Configuration				
Full Server Configuration Wizard				
Welcome Database Account Application Tier Build Reporting SharePoint Project Collection Review Readiness Checks Configure Complete	Provide the Settings for Your Application Tier Web Services     Web Site   Site URL: http://demotfs2015:8080/tfs ()   Port:   8080   Image: Solar Control   File Cache Location   The Team Foundation Server file cache folder is used to cache frequently accessed TFS resources for more efficient communication with your server. You should place this directory on a disk with at least 50GB of free space. For large or performance-intensive TFS installations, it is not recommended that you store your cache on the Windows system drive. Folder:   C\Program Files\Microsoft Team Foundation Server 14.0\Application Tier\Web Servic			
Team Foundation Se	erver 2015 RC Previous Next Review Cancel			

#### **TFS Build Service Account**

You should now see the **Provide your default build service settings** page. I'd recommend running the build server as a user account rather than a system account. If you don't intend to use this machine as a build server, you'll probably want to make sure that the service doesn't start automatically.

	Team Foundation	Server Full Server Configuration	
🌆 Full Server C	onfiguration Wi	zard	K
Welcome Database Account Application Tier Build Reporting SharePoint Project Collection	Provide your default A build agent will autom by default. You can enab Configure the build se Use a system account Use a user account : Account Name: Password:	build service settings atically be installed and configured for your application tier, but will be disabled be the agent to auto-start below. ervice to start automatically INT AUTHORITY\NETWORK SERVICE	
Readiness Checks Configure Complete	Folder the service will use C:\TfsData\Build\_work	e to perform builds:	

- Select Use a user account
- In the Account Name textbox, enter the user name for the TFS build user
- In the Password textbox, enter the password for the TFS build user
- Click the **Test** link to verify the login information
- If you intend to use this machine as a build server, check **Configure the build service to start automatically**. Otherwise, make sure this option is unchecked.
- Click Next

# (Optional) Configure Reporting

Next you'll be on the page for configuring TFS's SQL Server Report Services and SQL Server Analysis Services features. If you don't want to use reporting, then make sure that **Configure Reporting for use with Team Foundation Server** is unchecked and then skip to the next section of the guide.

Team Foundation Server Full Server Configuration				
🌆 Full Server C	onfiguration Wizard	R		
Welcome Database Account Application Tier Build Reporting	<ul> <li>Configure Reporting for Team Foundation Server</li> <li>Configure Reporting for use with Team Foundation Server</li> <li>Use SQL Server Reporting Services to create reports, and analyze and track key data points about your projects.</li> <li>This feature is optional. You can install Team Foundation Server now and configure reporting later. To enable this feature, you must have already installed SQL Server running Reporting</li> </ul>			
Reporting Services Analysis Services Report Reader Account 1 SharePoint	Services and Analysis Services. These features may be installed on this server, or a remote server.			

- (Optional) Check Configure Reporting for use with Team Foundation Server
- Click Next

You'll now be prompted for SQL Server Reporting Services URLs.

	Team Foundation Server Full Server Configuration		X
Full Server C	onfiguration Wizard		
Welcome	Provide the Reporting Services Settings for Team Foundation Se	erver	
Database Account	Enter the Reporting Services instance you would like to use with Team Foundat instance name and click the Populate URLs link to retrieve the settings automat	ion Sen tically.	ver. Type the
Application Tier	Reporting Services Instance:		
Build Reporting	demotts2015 Report Server URL:		Populate URLs
Reporting Services	http://DEMOTFS2015:80/ReportServer		•
Analysis Services	Report Manager URL:		
Report Reader Account 🛕	http://DEMOTFS2015:80/Reports		•
SharePoint			
Project Collection			
and the second second	and the second state of th		-

- Enter the name of the **Reporting Services Instance**
- Click **Next**

You should now be on the Analysis Services settings page.

Team Foundation Server Full Server Configuration		
🌆 Full Server C	onfiguration Wizard	
Welcome	Provide the Analysis Services Settings for Team Foundation Server	
Database	SQL Server Analysis Services Instance:	
Account	demotfs2015	
Application Tier		
Build		
Reporting		
Reporting Services		
Analysis Services		
Report Reader Account 👍		
SharePoint		
Project Collection	a frank from a frank the second hard hard here the	

- Enter the name of the SQL Server Analysis Services Instance
- Click the **Test** link to verify that you can connect
- Click **Next**

You should now be on the **Provide the Account that Reports will Run as** page. By default, the reports will run as the same service account as Team Foundation Server. It's recommended to run this as a separate user account.

	Team Foundation Server Full Server Configuration		
🌆 Full Server (	Configuration Wizard		
Welcome	Provide the Account that Reports will Run as		
Database	You can use a unique account or the same account that you specified for the service account for TFS,		
Account	provided that this account is not a system account. System accounts, such as Network Service, may not		
Application Tier	be used.		
Build	✓ Use a different account than the Team Foundation Server service account for the report reader		
Reporting	account		
Reporting Services	Account Name: demo\tfsreports		
Analysis Services	Password:		
Report Reader Account			
SharePoint			
Project Collection			

- Check Use a different account than the Team Foundation Server service account... checkbox
- Type the user account into the **Account Name** text box
- Type the password into the **Password** text box
- Click the **Test** link to verify the username and password
- Click **Next**

# **SharePoint Settings**

This guide assumes that you won't be installing the integration between TFS and SharePoint. This can always be configured later on if you need it.

	Team Foundation Server Full Server Co	nfiguration	
Full Server Co	onfiguration Wizard		
Welcome	Specify SharePoint settings for integration	with Team Foundation Server	
Database	Enable integration with SharePoint		
Account	SharePoint integration allows you to store team documents and create Team Project portals within		
Application Tier	SharePoint.		
Build	Provide the endpoints for an existing SharePoint farm		
Reporting			
Reporting Services	Site URL:		
Analysis Services	Administration URL:	()	
Report Reader Account			
SharePoint			
Project Collection			
manual diaman	man and man	man when the	

- Uncheck Enable integration with SharePoint
- Click **Next**

# **Team Project Collection Settings**

You should now be on the Team Project Collections Settings page. Since this is a new instance of Team Foundation Server, you'll definitely want to create a new Team Project Collection.

Team Foundation Server Full Server Configuration			
Full Server Configuration Wizard			
Welcome Database Account Application Tier Build Reporting Reporting Services Analysis Services Report Reader Account SharePoint	<ul> <li>Provide the settings you would like to use for your initial Team Project Collection</li> <li>✓ Create a new team project collection</li> <li>A Team Project Collection is where your projects are stored. You must create at least one Team Project Collection in order to use Team Foundation Server. This wizard will create a default collection for you that will be suitable for most Team Foundation Server deployments.</li> <li>If you choose not to create a Team Project Collection at this time, you may do so later from the Administration Console.</li> <li>Enter a name for the new collection:</li> <li>DefaultCollection</li> </ul>		
Project Collection			

- Check Create a new team project collection
- Click **Next**

#### **Review, Verifications, & Run the Install**

You should now be on the **Confirm the Configuration Settings Before Proceeding** page.

Team Foundation Server Full Server Configuration			x
눩 Full Server Co	onfiguration Wizard		
Welcome Database	Confirm the Configuration So	ettings Before Proceeding uration settings before beginning readiness checks.	^
Account Application Tier Build	<b>Feedback</b> Send Feedback	True	=
Reporting Reporting Services Analysis Services Report Reader Account	Application Tier Service Account Authentication Method	demo\tfsservice NTLM Ture	L
SharePoint Project Collection	Site URL Port	http://demotfs2015:8080/tfs 8080 demotfs2015	
Review Readiness Checks Configure Complete	Virtual Directory Web Access URL File Cache Folder	tfs http://demotfs2015:8080/tfs C:\Program Files\Microsoft Team Foundation Server 14.0 \Application Tier\Web Services\_tfs_data	
	SMTP Enable Email <b>Build Service</b> Build service account	False demo\tfsbuild	~
Team Foundation Server 2015 RC Previous Next Verify Cancel			

The installer will run some verification tests. They should all pass.

Team Foundation Server Full Server Configuration				
🚮 Full Server Configuration Wizard				
Welcome Database Account Application Tier Build	Readiness Checks Validate that Yo Readiness checks passed. Ø System Verifications Ø Data Tier	ur System is Ready to C	onfigure Passed Passed	
Reporting Services Analysis Services Report Reader Account SharePoint Project Collection	<ul> <li>Application Tier</li> <li>Reporting</li> <li>Project Collection</li> <li><u>Click here to rerun Readiness Checks.</u></li> </ul>		Passed Passed Passed	
Review Readiness Checks Configure Complete	Detailed Results:  One or more features that Team Fou Information Services (IIS). If you cont the features to be configured.	ndation Services requires are n inue, they will be configured f	<u>Open Log</u> ot configured in Internet or you. The log contains a list of	
Team Foundation Se	erver 2015 RC	Previous Next	Configure Cancel	

• Click Configure

The configuration of TFS should now be running.

	Team Foundation Server Full Server (	Configuration
🌆 Full Server C	Configuration Wizard	
Welcome Database Account	Configuration Progress Configuring server databases, which may take a v	vhile
Build Reporting Reporting Services Analysis Services Report Reader Account SharePoint Project Collection	<ul> <li>Prepare Configuration</li> <li>Configure IIS</li> <li>Configuration Database</li> <li>Create Web Sites</li> <li>Configure Reporting</li> <li>Configure Services</li> <li>Project Collection</li> <li>Build Agent</li> </ul>	Complete Complete In Progress Not Started Not Started Not Started Not Started Not Started
Review Readiness Checks		Not Stated

Copyright © 2015 – Benjamin Day Consulting, Inc. – <u>www.benday.com</u> Printing or duplication is prohibited without author's expressed written permission.

х Team Foundation Server Full Server Configuration 11.958 Full Server Configuration Wizard Welcome **Configuration Progress** Database Account Application Tier Prepare Configuration Complete Build Reporting Reporting Services Analysis Services Report Reader Account Configure IIS Complete Reporting Configuration DatabaseCreate Web Sites Complete Complete Configure Reporting Complete Configure Services Complete SharePoint Ø Project Collection Complete Project Collection 🕢 🛛 Build Agent Complete Review Readiness Checks Success  $\checkmark$ Configure Configuration completed successfully. Click Next to view detailed information. Complete Team Foundation Server 2015 RC Previous Next Finish Close

The configuration process should eventually complete and should hopefully succeed.

You should now be on the final page of the wizard where it shows you the URL for the new TFS instance.

Team Foundation Server Full Server Configuration			
🚮 Full Server Configuration Wizard			
Welcome Database Account Application Tier Build Reporting Reporting Services Analysis Services Report Reader Account SharePoint Project Collection	Review the Results         Image: Success         Your Team Foundation Server configuration completed successfully.         Connection Details:         Team Foundation Server:         http://demotfs2015:8080/tfs         Detailed Results:         Image: Image		
Review Readiness Checks Configure Complete	The time allowed for Windows services to start was increased from 30 seconds to 600 seconds. This affects all Windows services on this server. (The registry value set is HKLM\SYSTEM \CurrentControlSet\Control\!ServicesPipeTimeout.) <u>Click here to open the complete configuration log</u>		
Team Foundation Se	erver 2015 RC Previous Next Finish Close		

- Click the Close button on the Full Server Configuration Wizard dialog
- Click the **Close** button on the **Configuration Center** dialog

TFS2015 has been successfully installed.