Team Foundation Server 2018 Installation Guide



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Chapter 1: Install Windows Server 2016

Introduction

The first step for installing Team Foundation Server 2018 (TFS2018) is to install Windows Server. In this guide, I'm going to be using Windows Server 2016. I'm also assuming that you'll be installing TFS2018 in a single server configuration – aka. the TFS Application Tier and SQL Server will be installed on a single machine.

Install Windows Server 2016

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.

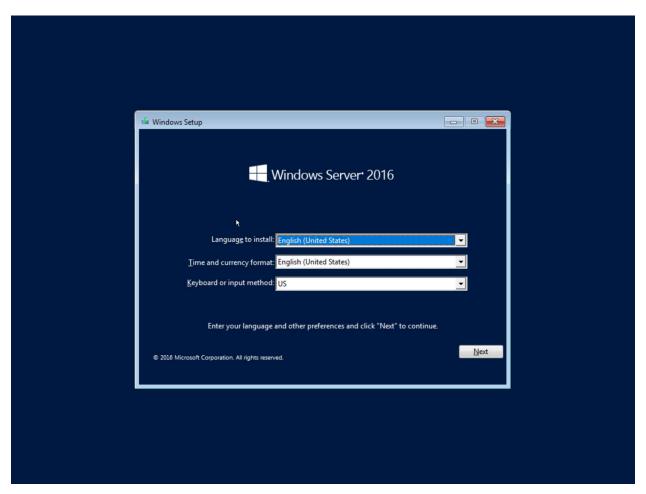
- Either insert your Windows Server 2016 DVD into the DVD drive or mount the Windows Server 2016 ISO image into the DVD drive for your virtual machine.
- Start the machine

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

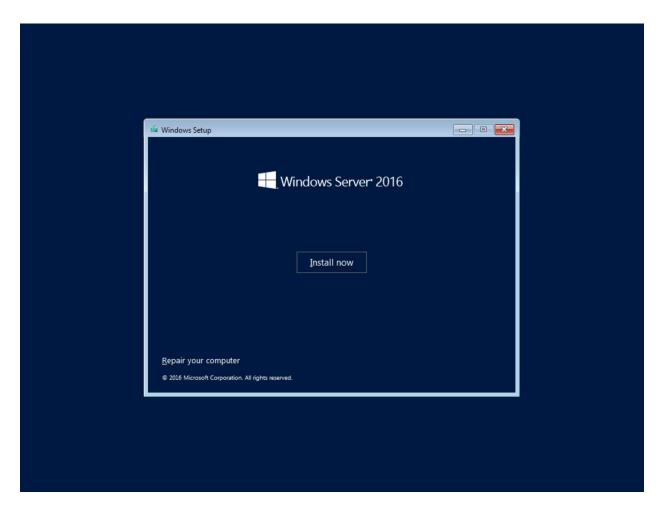


• Press any key to boot from the DVD drive

You should see the Windows Setup welcome screen.



• Click **Next**

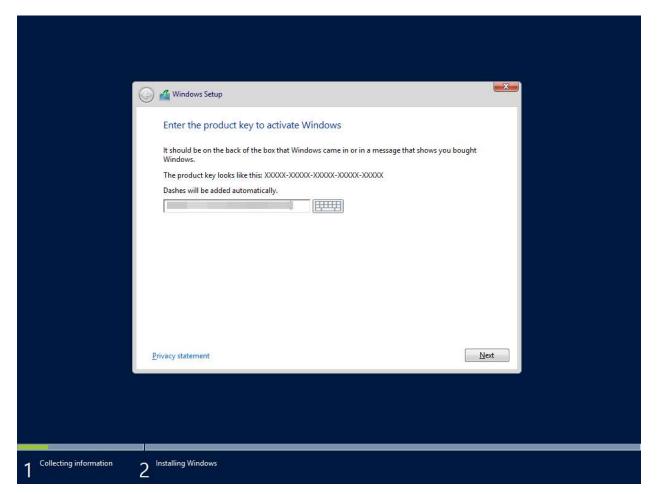


• Click the **Install now** button

You should see a screen saying that setup is starting.

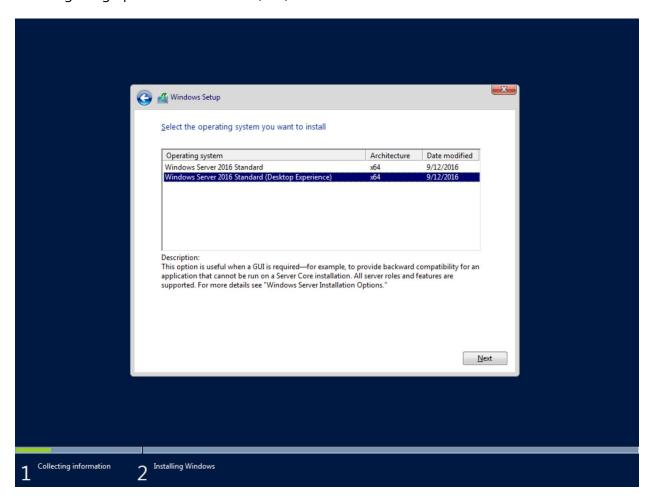


You'll be prompted for a license key.



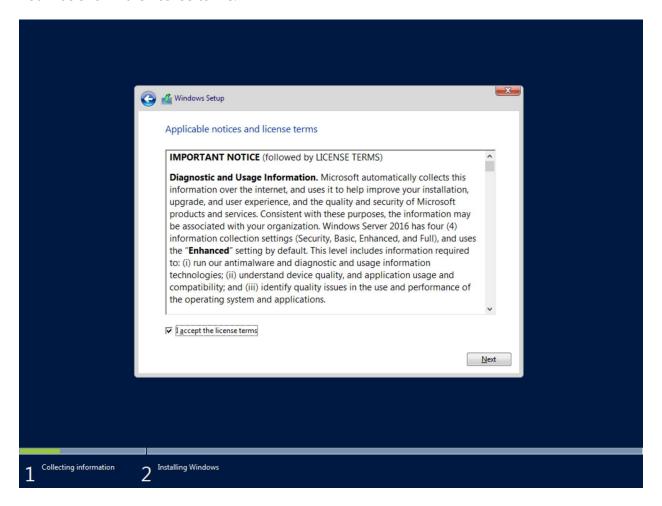
- Enter your license key
- Click the **Next** button

You'll be prompted to choose what version of Windows Server 2016 that you'd like to install. This guide assumes that you'll be installing Windows Server 2016 Standard and that you'll be installing the graphical user interface (GUI).



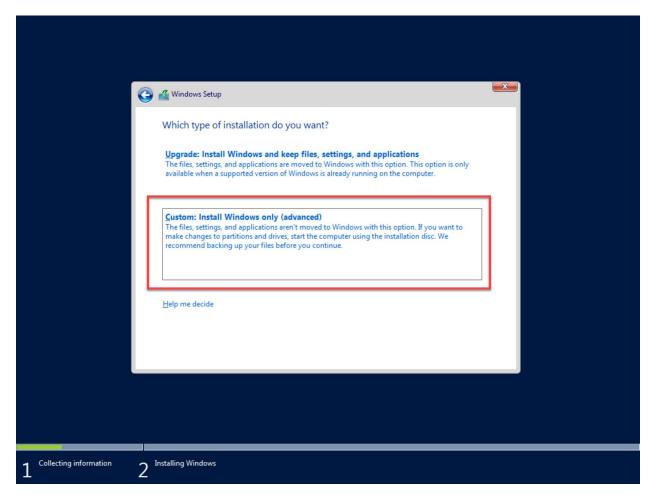
- Choose Windows Server 2016 Standard (Desktop Experience)
- Click the **Next** button

You'll be shown the license terms.



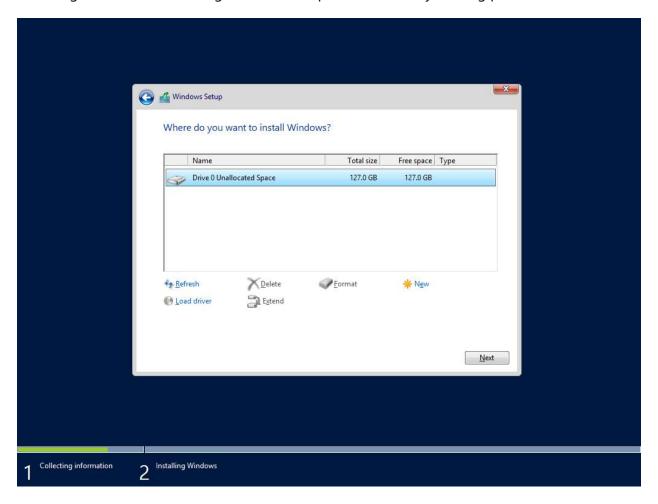
- Read the license terms in painstaking detail
- Check the I accept the license terms box
- Click the **Next** button

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



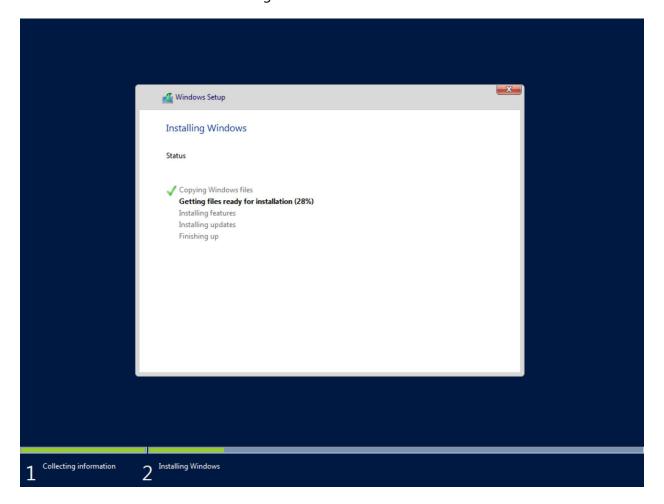
Click Custom: Install Windows only (advanced)

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.

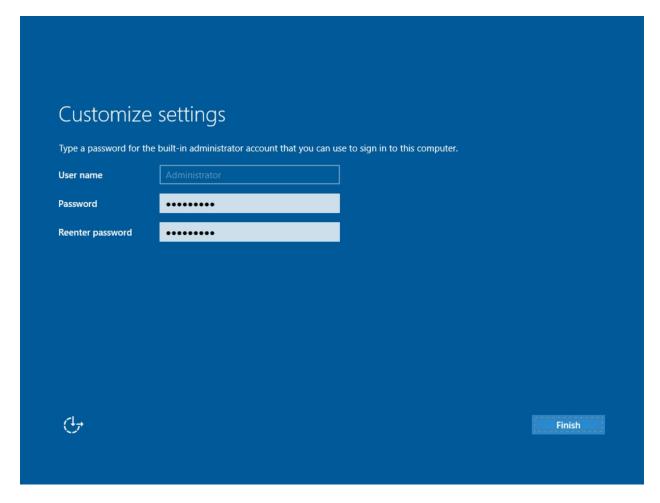


- Choose **Drive 0 Unallocated Space** or another appropriate partition or unallocated disk space
- Click Next

The installation should now be running.



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



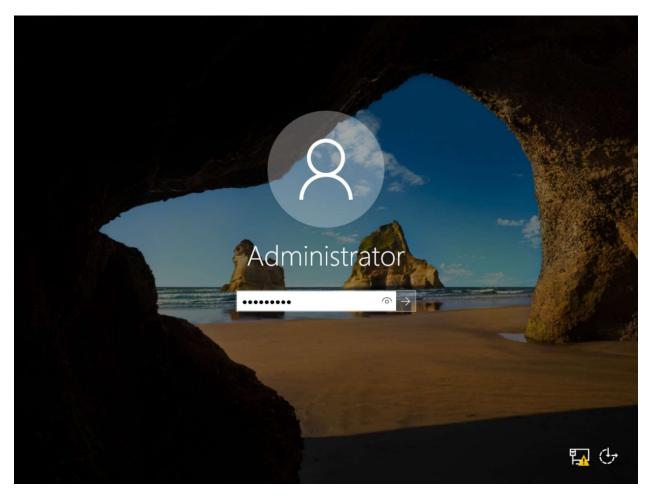
- Enter your password in the **Password** box
- Enter your password in the **Reenter password** box
- Click the **Finish** button

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



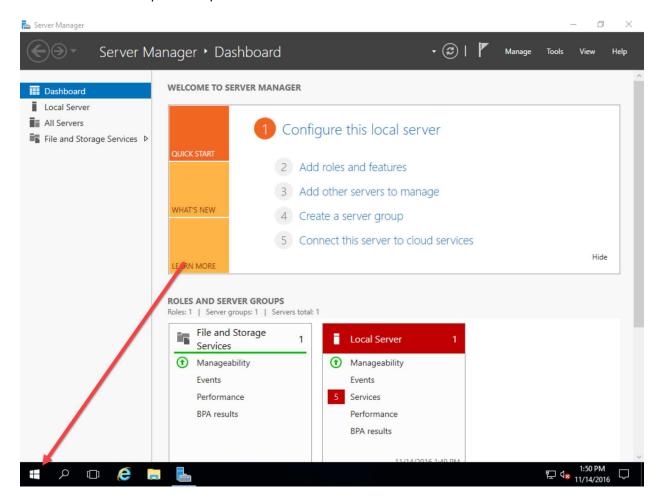
• Type **CTRL-ALT-DEL** to open a login prompt

You should see the login prompt.

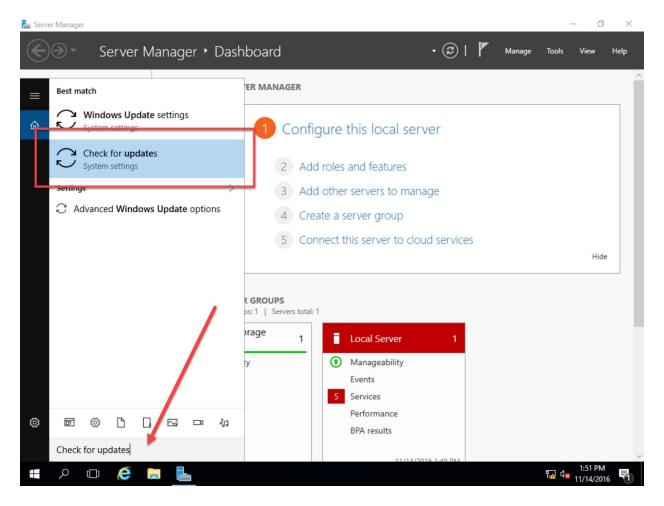


• Enter your **password** followed by **<ENTER>**

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.

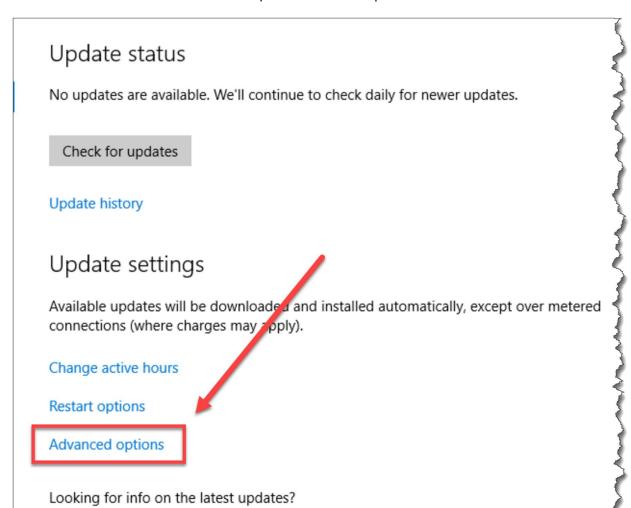


 Click the Windows button in the bottom left of the screen to navigate to the Start screen You should now be at the Start menu.



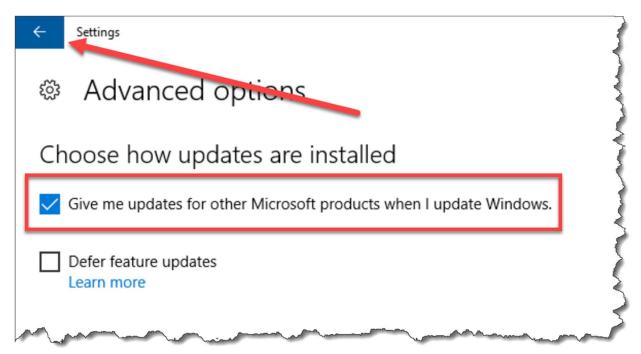
- In the search box, type Check for updates
- Click **Check for updates** in the search results

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



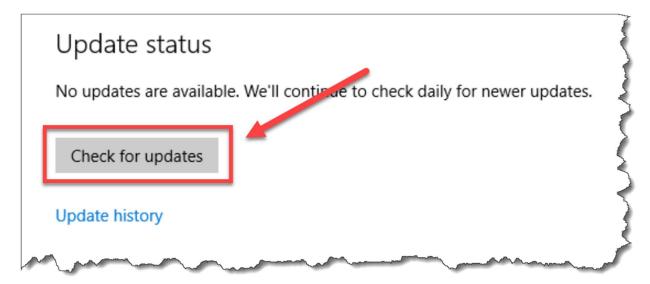
• Click the Advanced options link

You should be on a screen with the title **Advanced options**.



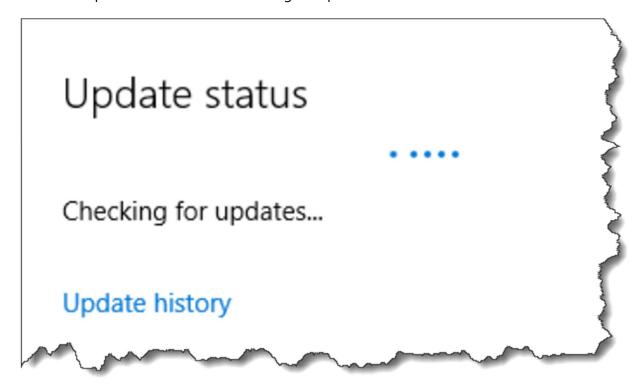
- Check Give me updates for other Microsoft products when I update Windows
- In the upper left corner of the screen, click the back arrow button

You should be back on the **Update status** screen.



• Click the **Check for updates** button

Windows Update should now be checking for updates.



Windows Update will probably find a ton of available updates. Let them all run and reboot your server as needed.

When the patches are all finished applying, make sure you're logged in as Administrator and continue on to the next page where I'll walk you through the optional setp of disabling a useless and annoying anti-feature in Windows called IE Enhanced Security.

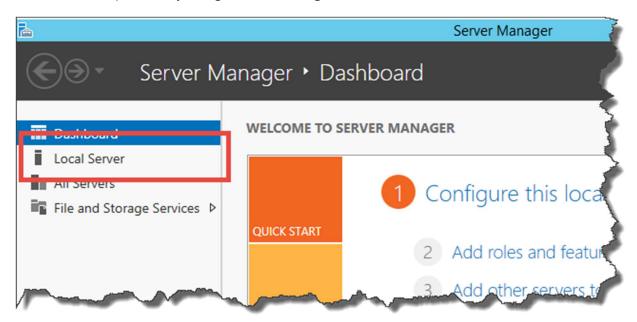
(Optional) Turn off IE Enhanced Security Configuration

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.

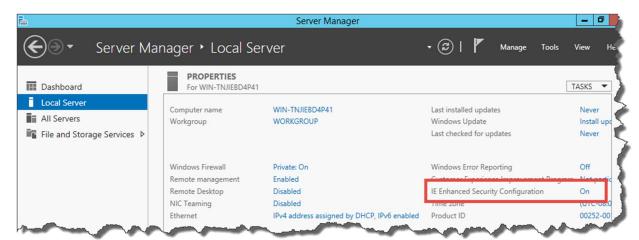
Let's turn it off.

You'll start this process by using **Server Manager**.



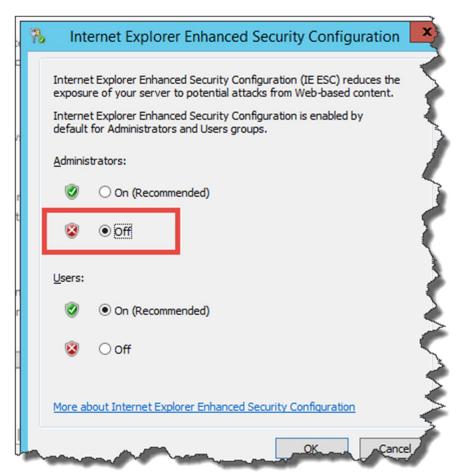
In the left column of Server Manager, click Local Server

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**.



Click the link that says On

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



- 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

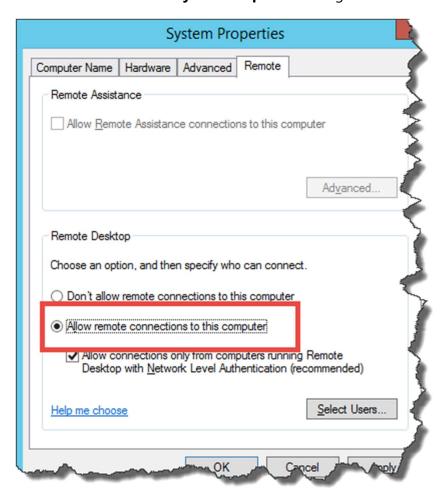
Are you lazy or maybe lazy-ish? Do you like convenience? Yah. Me, too. So that means that you'll probably want to enabled Remote Desktop. If you're a member of the Tinfoil Hat Patrol, you'll probably want to skip this section.

• Find **Remote Desktop** in Server Manager



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

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



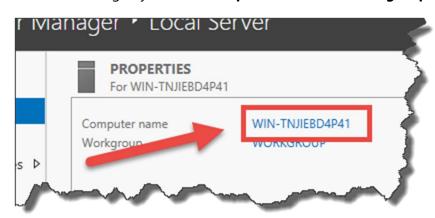
- In the Remote Desktop group, choose **Allow remote connections to this computer**
- Click the **OK** button

Remote Desktop is enabled.

Join this Server to the Active Directory Domain

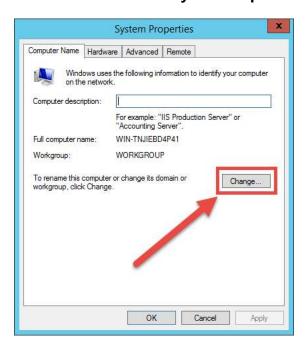
At the moment, you've got a stand-alone server with a wacky name that's not attached to anything. Workgroups? That's like the networking equivalent of having a stand-alone MP3 player that only syncs over USB. Who does that? What year is this?! 2005?! Not very useful. You'll now rename this computer and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

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



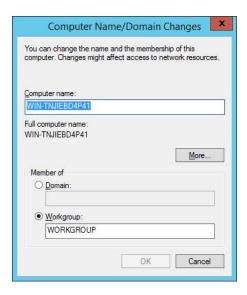
Click on the computer name link

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

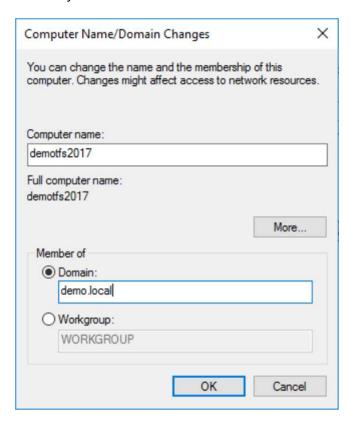


• Click the **Change...** button

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.

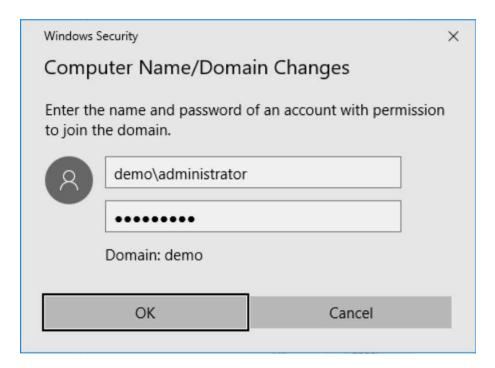


You should now change the values to be what you want the server to be named and the Active Directory domain that it should be attached to.



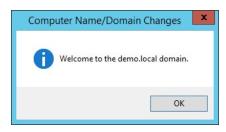
- In the Computer name textbox, enter the desired name for this server
- Under **Member of** choose the **Domain** radio button
- In the **Domain** textbox, enter the name of the Active Directory domain
- Click the **OK** button

You'll be prompted for the username and password for a domain administrator for the target domain.



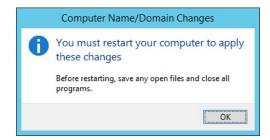
- Enter the username and password
- Click **OK**

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

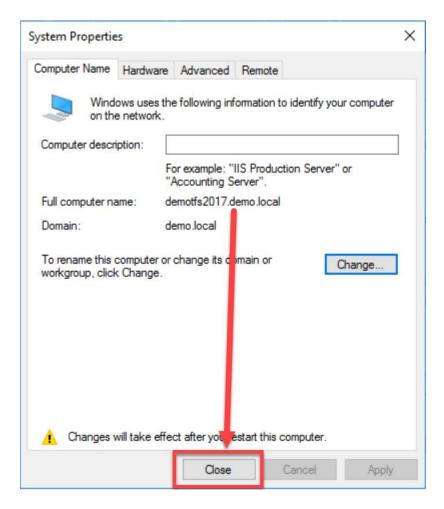


• Click **OK**

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.

NOTE: It is *optional* but you might find it helpful to configure this server to have a static IP address and a static A record entry in your DNS server.

Chapter 2: Install SQL Server 2017 for TFS2018

Introduction

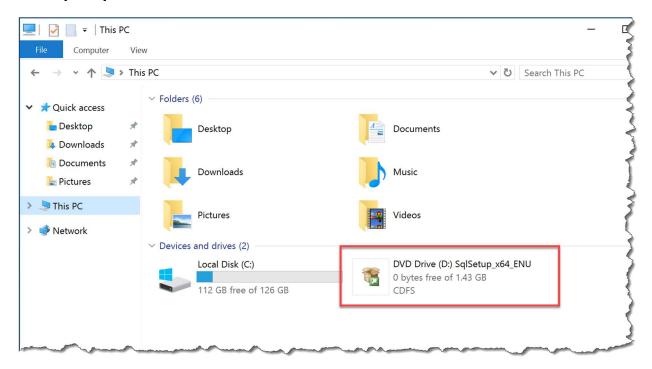
Team Foundation Server 2018 (TFS2018) uses SQL Server for all it's back-end storage. There's been a change in this version of TFS and you no longer need to install SQL Server Reporting Services or SQL Server Analysis Services. This part of the guide will walk you through installing SQL Server 2017 for TFS2018.

Install SQL Server 2017

- Either insert your **SQL Server 2017 DVD** into the DVD drive or mount the **ISO image** into the DVD drive for your virtual machine.
- Start the machine
- Log in as an administrator

- Open Explorer.exe
- Navigate to **This PC** or another view that will show you all the drives on your machine

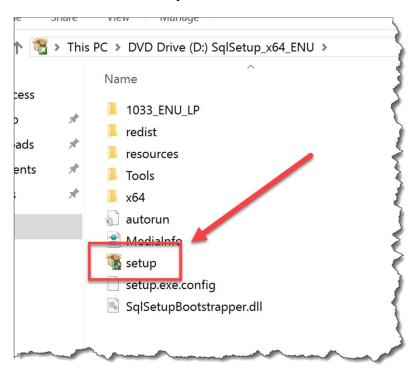
You should see a view that's similar to the screenshot below and you should see a DVD drive with **SqlSetup_x64_ENU** or another similar version of SQL Server in the drive.



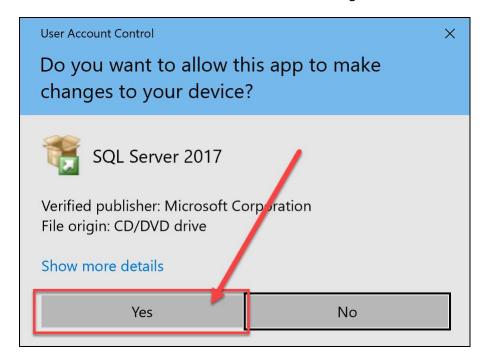
Double-click on the DVD drive with the SQL Server installer

You should see the contents of the SQL installer.

• Double-click **setup** to run the installer



• Click Yes on the User Account Control dialog



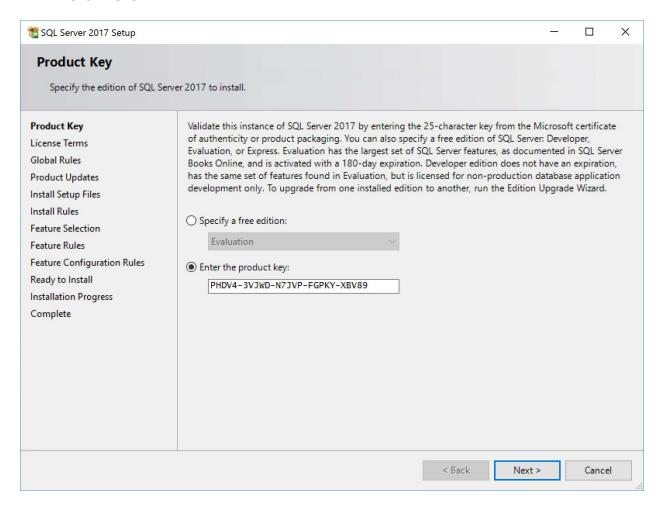
Copyright © 2017 – Benjamin Day Consulting, Inc. – www.benday.com Printing or duplication is prohibited without author's expressed written permission. You should now see the **SQL Server Installation Center** window.

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



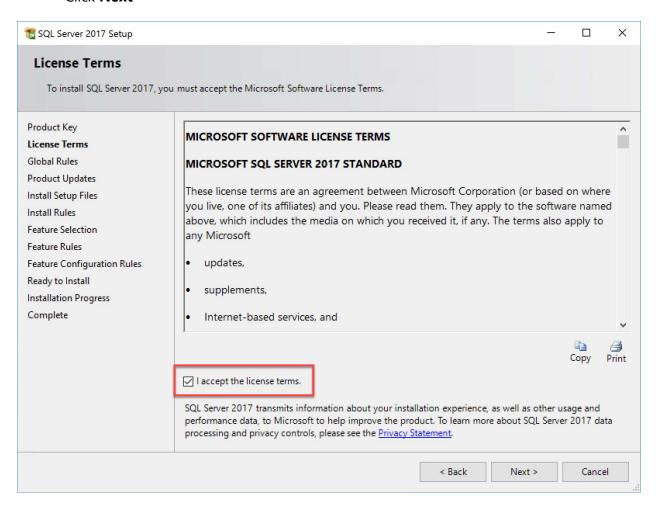
The first page of the SQL Server 2017 Setup wizard will prompt you for a product key. It should already be filled in with a product key.

Click Next



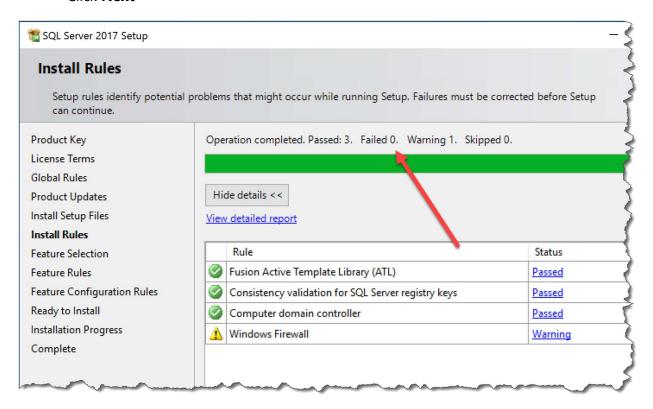
You should now be on the **License Terms** page.

- Read the license terms carefully and completely.
- Ponder the implications of the license terms for you and for your business
- Really deeply digest the true meaning and intent of the license terms
- Consider consulting an attorney to review the license terms to better understand the terms
- Contact Microsoft to negotiate any amendments to the software license terms that your attorney recommended
- When you, your attorney(s), and Microsoft have come to an agreement about your license terms, check the I accept the license terms checkbox
- Click Next



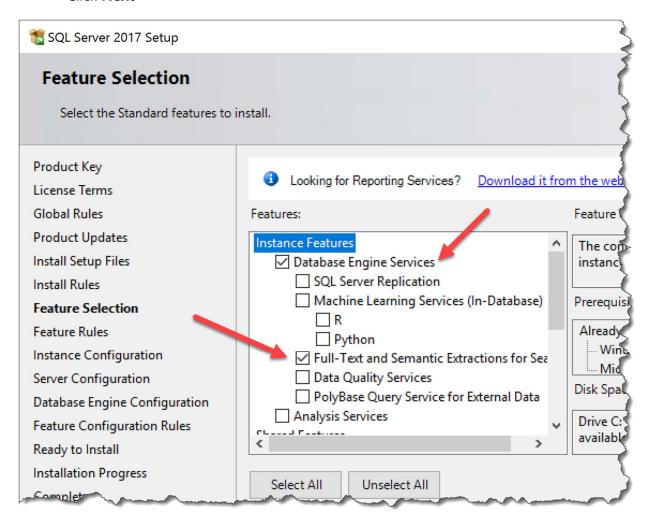
The install wizard will work on a few things and run some pre-install checks.

- Verify that there are zero failed rules
- Click Next



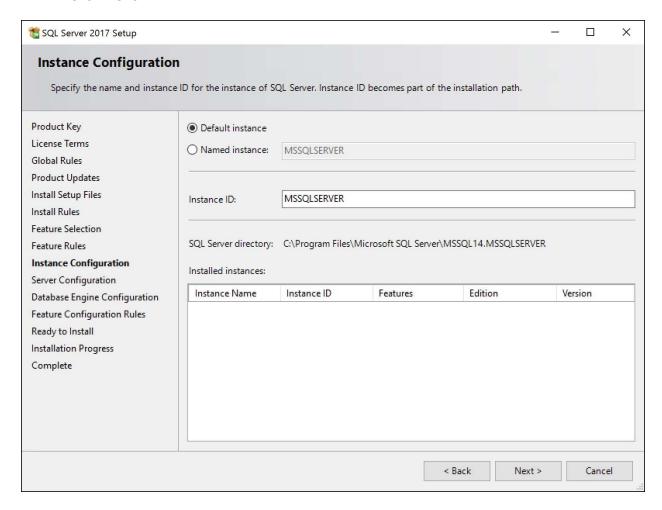
You should now be on the **Feature Selection** page.

- Check the checkbox for **Database Engine Services**
- Check the checkbox for Full-Text and Semantic Extractions for Search
- (Optional) If you are planning to run TFS and SQL Server on separate machines, check the checkbox for **Client Tools Connectivity**
- Click Next



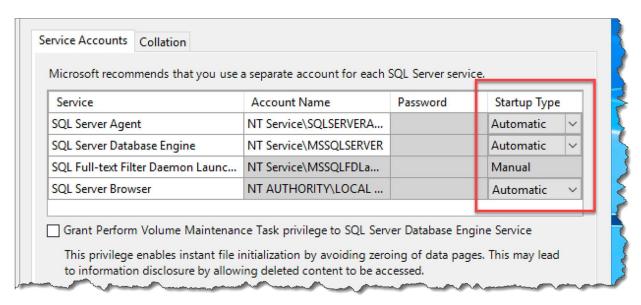
You should now see the **Instance Configuration** page of the install wizard. Do yourself a favor and just keep the default values.

Click Next



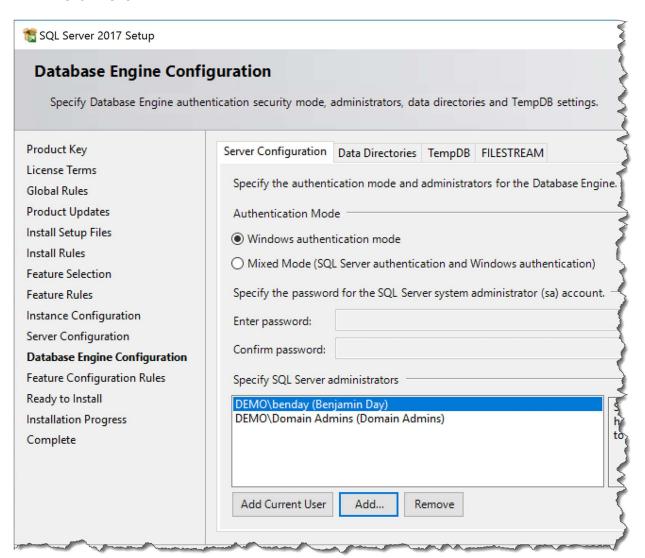
On the **Server Configuration** page, you'll specify the startup value for each service.

- Set **Startup Type** to **Automatic** for each service (NOTE: full-text search doesn't let you change the startup value so you can ignore it)
- Click Next



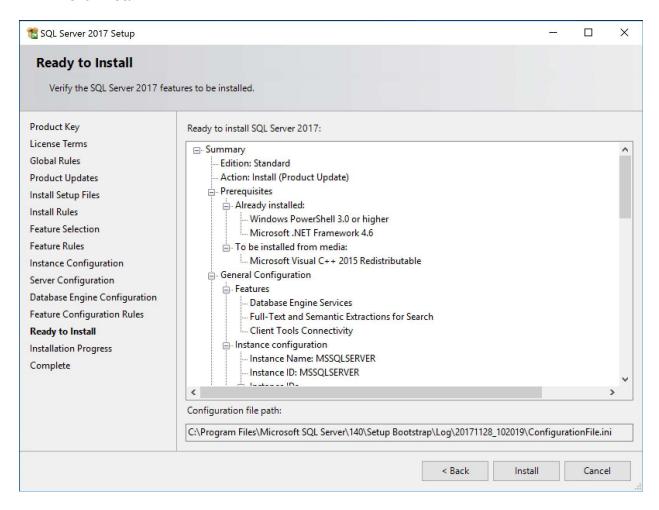
You should now be on the **Database Engine Configuration** page. On this page, you'll pretty much just be specifying who should be an administrator on your new SQL Server instance. By default, the installer does not automatically make Windows administrators members of the sysadmin group in SQL Server. (I think that's silly.)

- Click the Add Current User button
- Click the Add... button
 - On the search dialog, search for **Domain Admins**
 - Click OK
- Verify that the list of administrators is accurate
- Click Next

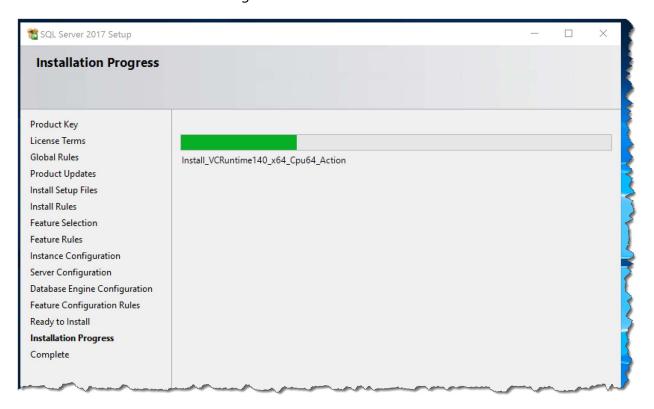


You should now be on the **Ready to Install** page of the dialog and you should see a summary of what is going to be installed.

• Click Install

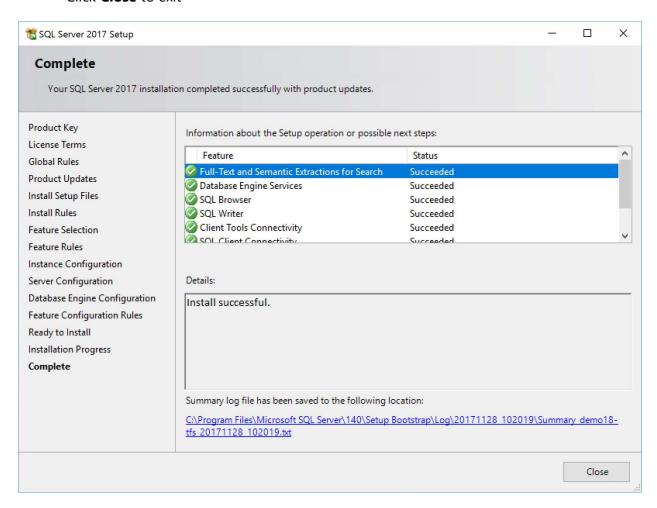


The installer should now be running.



When the installer is done, you'll see a message saying **Complete**.

• Click **Close** to exit



SQL Server 2017 is now installed.

Chapter 3: Install Team Foundation Server 2018

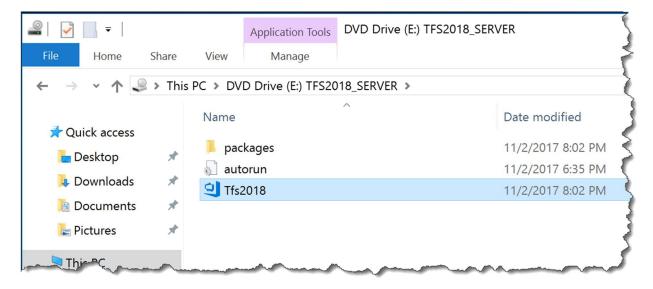
Introduction

Now that Windows and SQL Server are installed, you're ready to install Team Foundation Server 2018 (TFS2018). 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 2018 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

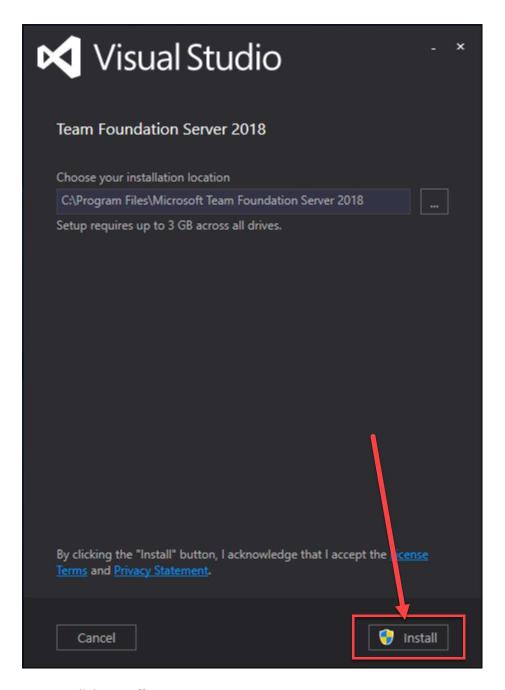
Run the Installer

- Mount the TFS2018 ISO image or insert a TFS2018 installer DVD
- Using Windows Explorer (explorer.exe), navigate to the installer directory



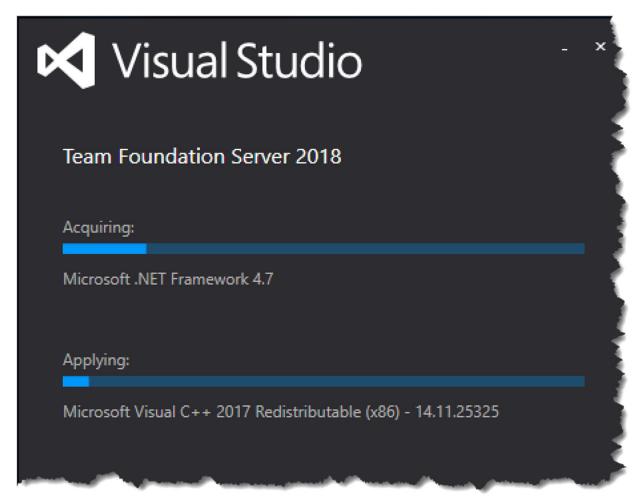
• Run **Tfs2018.exe**

You should see the **Team Foundation Server Setup** dialog.



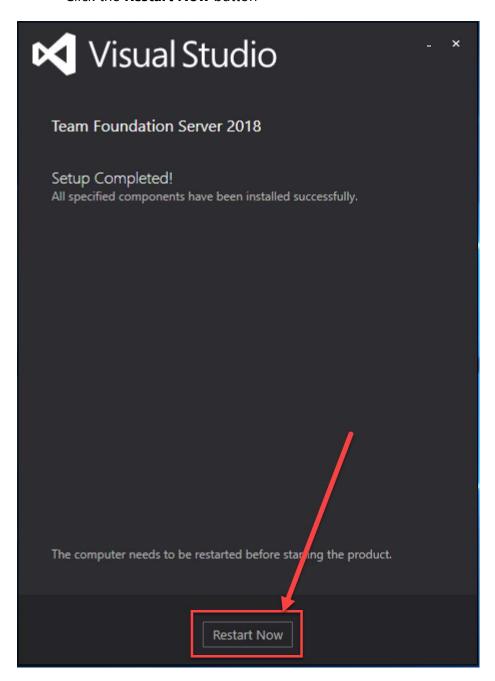
Click Install

The installer will run and start to copy files to your disk.



After running for a while (probably a long while), you should see a message saying "**Setup Completed!**" and requesting that you reboot your machine.

• Click the **Restart Now** button

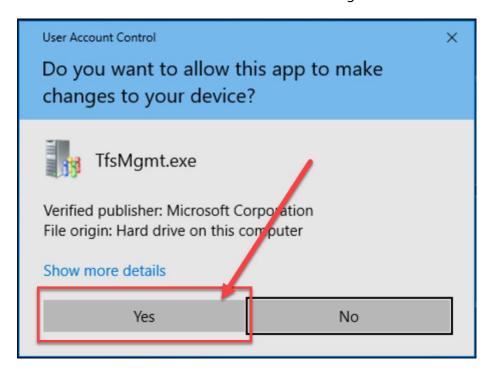


You machine will reboot.

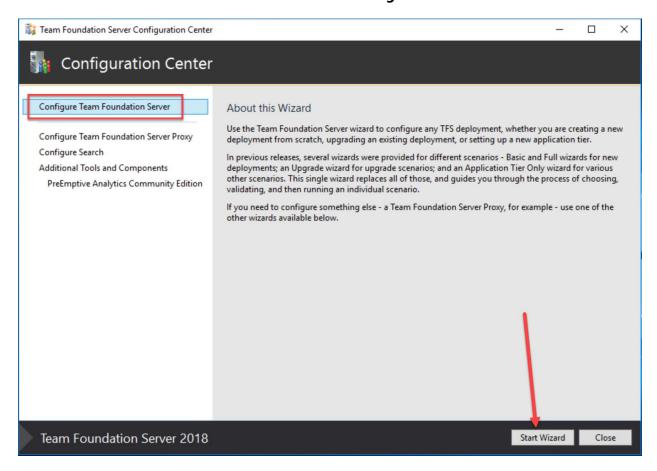
• Log in to your machine

When you log in, the TFS management application will automatically start and you'll be prompted with a User Account Control dialog.

• Click **Yes** on the User Account Control dialog

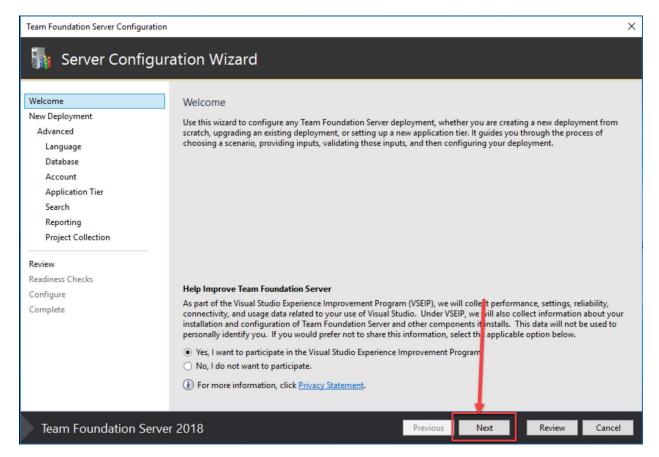


You should now see the **Team Foundation Server Configuration Center**.



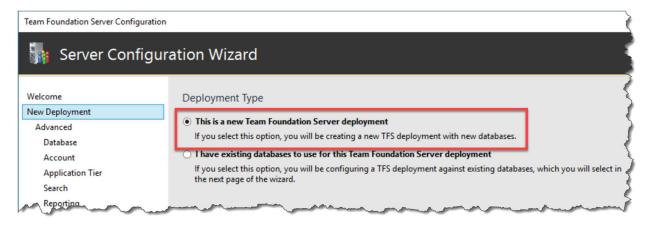
- Choose Configure Team Foundation Server
- Click Start Wizard

You should now be on the welcome page.



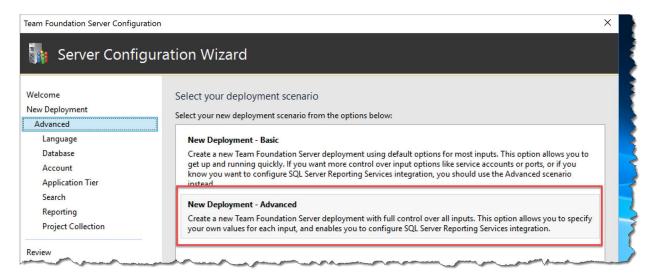
- Choose Yes, I want to participate in the Visual Studio Experience Improvement
 Program
- Click Next

You should now be on the Deployment Type page.



- Select This is a new Team Foundation Server deployment
- Click Next

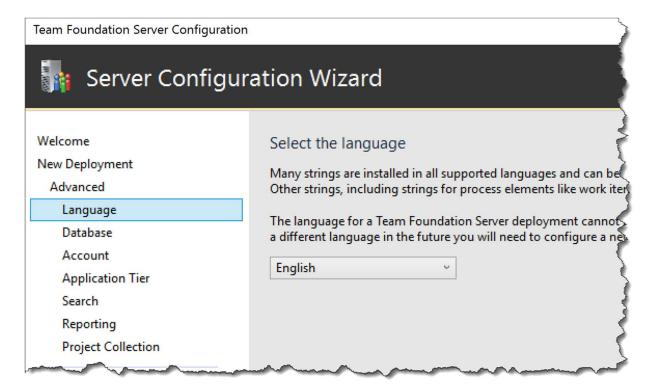
On the **Select your deployment scenario** page, you'll be prompted to choose between a TFS Basic or TFS Advanced deployment. Since this guide assumes that you're using SQL Server Reporting Services with TFS, you'll need to choose the Advanced version.



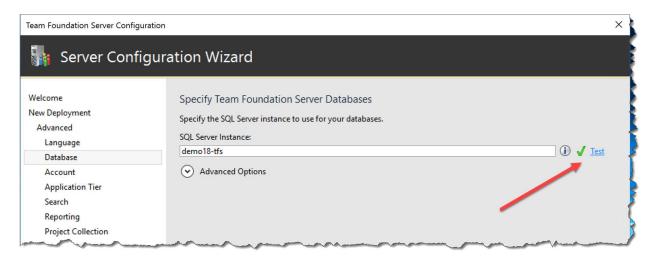
- Choose New Deployment Advanced
- Click Next

Choose your language.

- Choose the language
- Click Next

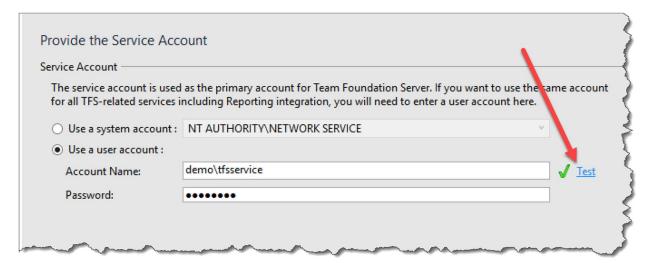


The **Specify Team Foundation Server Databases** page prompts you to choose your SQL Server database. This guide assumes that you installed SQL Server 2017 Standard on the same machine as TFS.



- To the right of the SQL Server Instance textbox, click the Test link to verify the connection to SQL Server
- Confirm that the test passes
- Click Next

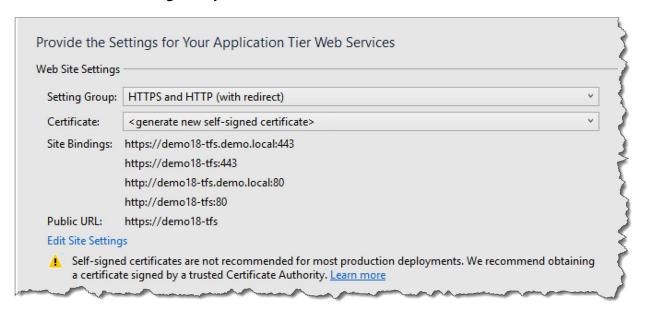
You should now see the Service Account page. You can choose to run TFS as a system account but I find that this makes permissions management – more specifically, permissions *debugging* – much harder later on when you start doing automated builds, automated deployments, and automated testing. My recommendation is to run TFS as a separate service account.



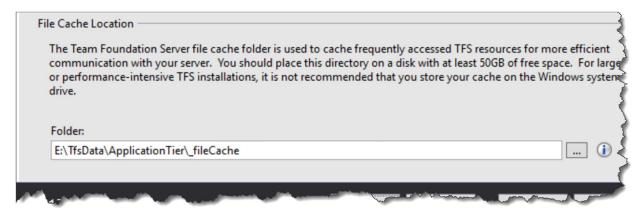
- Choose Use a user account
- In the **Account Name** textbox, type the fully-qualified name of the service account. Example: demo\tfsservice
- In the **Password** textbox, enter the password for the service account
- Click the **Test** link to verify the credentials are correct
- Click Next

You should now see a page prompting you for the configuration of TFS in IIS. You may see a warning about using SSL encryption. It's a good idea but it's not required. Thankfully, they give you the option to generate a self-signed certificate.

From the Setting Group box, choose HTTPS and HTTP (with redirect)



(Optional) At the bottom of this page, there's a section for **File Cache Location**. TFS caches files for efficiency. The contents of this directory can become impressively large. For performance reasons and for disk space management reasons, you probably should put this on a separate disk – ideally on a different "spindle" – than your system/operating system drive.



- (Optional) Change the **Folder** path to reference the desired location and disk.
- Click Next

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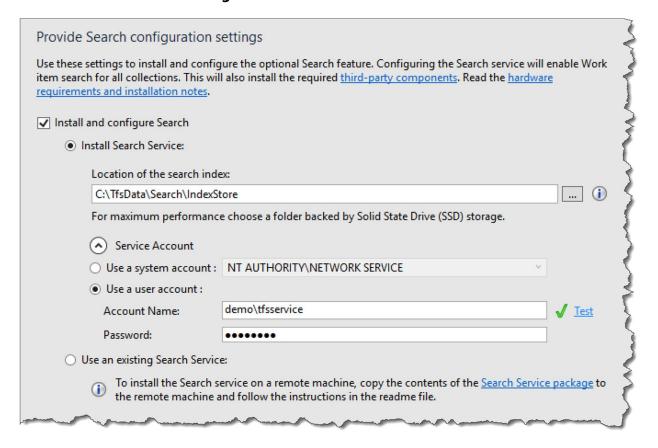
You should now be on the **Provide Search configuration settings** page of the wizard. This is an optional feature.

Option 1: If you *do not* want to install Search:

- Uncheck Install and configure Search
- Click Next

Option #2: Install Search

• Check Install and configure Search



- Choose Install Search Service
- Set the **Location of the search index** to the drive and folder you want to use for search. For performance reasons, you'll probably want to keep this on a different drive than the system drive. If your TFS installation is large and busy, you may want to put this on its own drive by itself.
- Under Service Account choose Use a user account

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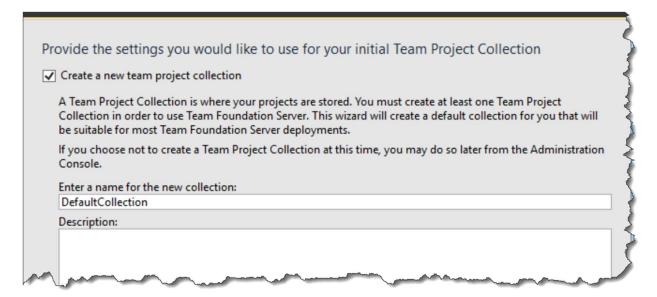
- Set **Account Name** to the service account want to use to run search. In this configuration, I'm using the same account at the TFS Service, demo\tfsservice
- Set the **Password** for the service account
- Click the **Test** link to verify the service credentials
- Click Next

You should now see the **Configure Reporting for Team Foundation Server** page. This is another optional feature. This feature is also being deprecated so this guide assumes that you're NOT installing support for SQL Server Reporting Services with TFS2018.

Configure Reporting for Team Foundation Server Configure Reporting for use with Team Foundation Server SQL Server Reporting Services to create reports, and analyze and track key data points about your projects. 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 Services and Analysis Services. These features may be installed on this server, or a remote server.

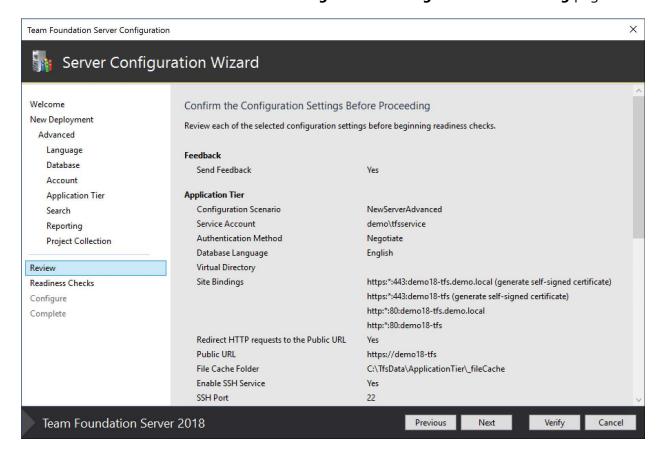
- Uncheck Configure Reporting for use with Team Foundation Server
- Click Next

The installer will now prompt you to create a new Team Project Collection (TPC). The answer to this one (unless you're doing a migration) is yes.



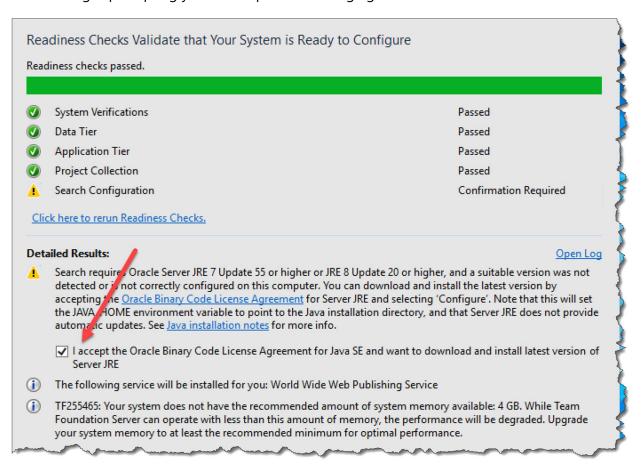
- Check Create a new team project collection
- Click Next

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



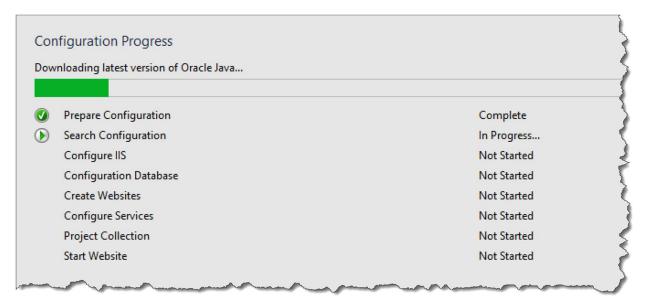
Click Next

The installer will run some readiness checks. They should all come back as passed except for the Search Configuration item. The Search feature requires the Oracle Server JRE to be installed and this warning is prompting you to accept the licensing agreement for the JRE.

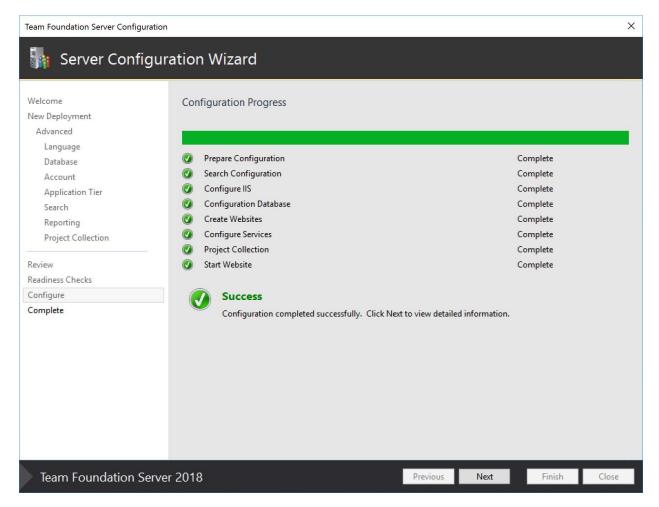


- Check I accept the Oracle Binary Code License Agreement for Java SE...
- Click the Configure button

The configuration process should now be running.



The configuration process should end with a message saying Success.



Click Next

You should now be on the **Review the Results** page.

Review the Results



Success

Your Team Foundation Server configuration completed successfully.

The log has been saved to the following location:

C:\ProgramData\Microsoft\Team Foundation\Server Configuration\Logs\TFS TFS Server Configuration 1128 181953.log

Copy Full Pa

Connection Details:

Team Foundation Server: https://demo18-tfs/

- Detailed Results
 - JAVA_HOME environment variable is set to 'C:\Program Files\Microsoft Team Foundation Server 2018\Search \Java\jre1.8.0_151'.
 - As part of TFS configuration IIS dynamic compression was enabled to improve performance. This is a system-wide setting for IIS. See this link for additional details https://go.microsoft.com/fwlink/? LinkId=534011
 - Firewall exception added for port 443
 - Firewall exception added for port 80
 - i Firewall exception added for TeamFoundationSshService.exe

• Click Close

Team Foundation Server 2018 is now configured and running.

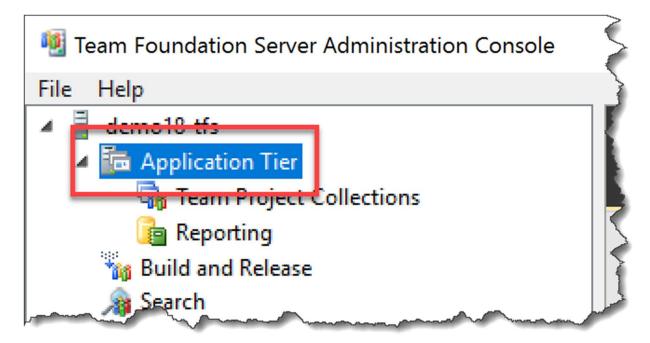
Chapter 4: Configure an SMTP Server for Team Foundation Server 2018

You'll definitely want to configure an SMTP server connection for TFS.

You probably already have an SMTP server available to you but, if you don't, you can enable the SMTP Server feature in Windows Server 2016.

- Log in to your TFS2018 machine as an administrator
- Go to the Start menu
- Search for **Team Foundation Administrator Console**

You should see the Team Foundation Administrator Console.



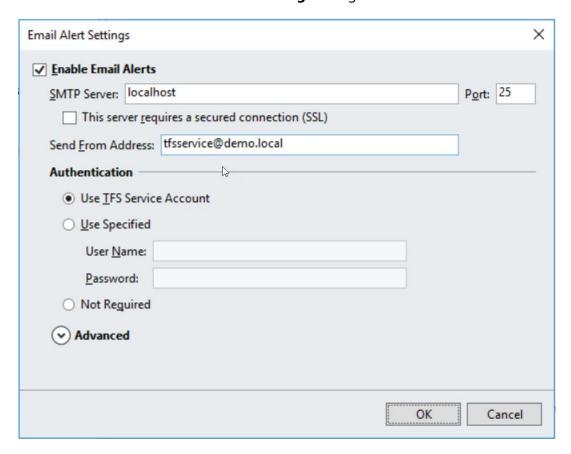
• In the left column, click on **Application Tier**

In the right panel, scroll down until you location the **Email Alert Settings.**



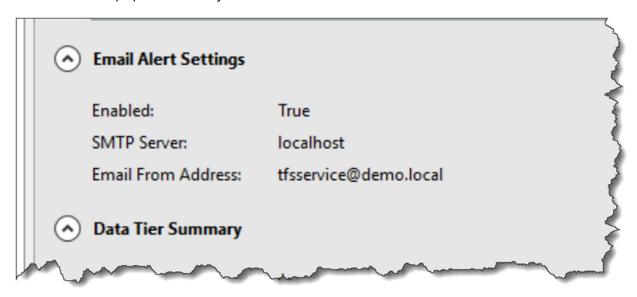
Click Alert Settings

You should now see the **Email Alert Settings** dialog.



- Check Enable Email Alerts
- Set **SMTP Server** to the hostname or IP address for your SMTP server.
- Click **OK**

You should now be back on the main window of the admin console. The email alert settings should now be populated with your SMTP server.



Your TFS is ready to send emails.

Chapter 5: Create a TFS Build / Release Server on Windows

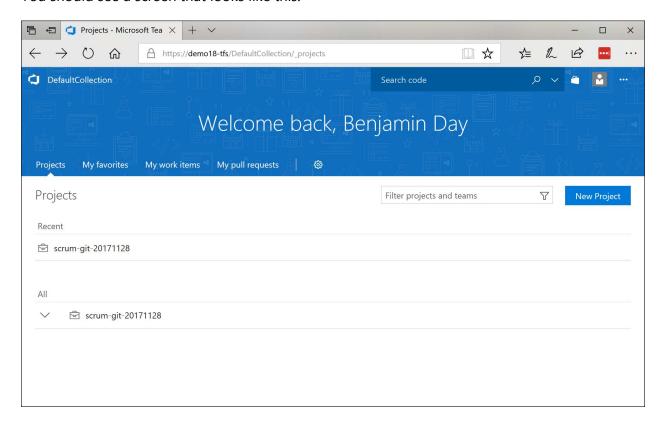
This chapter will walk you through the process of creating a build server on Windows. That's a slightly inaccurate sentence – this chapter will walk you through the process of installing a build & release agent on Windows. The build agent and the release agent are the same installer and process in TFS2018 and a single installation of this agent will allow you to do "build" activities and also "release" activities.

The following steps all happen on the machine that is going to be the build server.

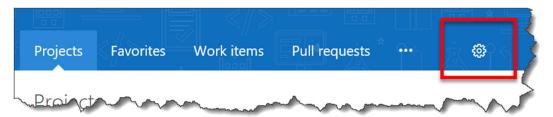
Download the Agent Installer

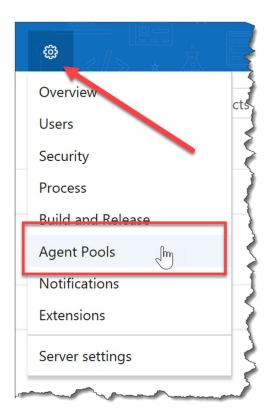
- Log in to the build server machine
- Open a web browser
- Navigate to your TFS web interface. Depending on what security settings you chose, this is probably one of the following:
 - o https://servername
 - o http://servername:8080/tfs
 - o http://servername

You should see a screen that looks like this.



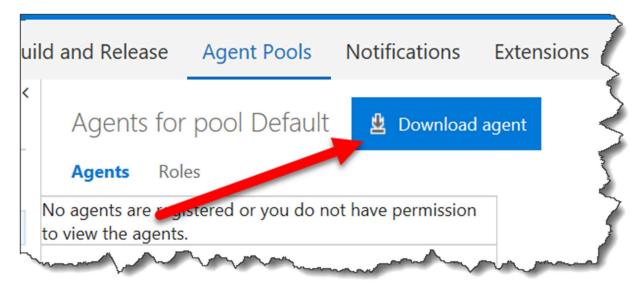
On the right side of the menu bar, there is a gear icon.





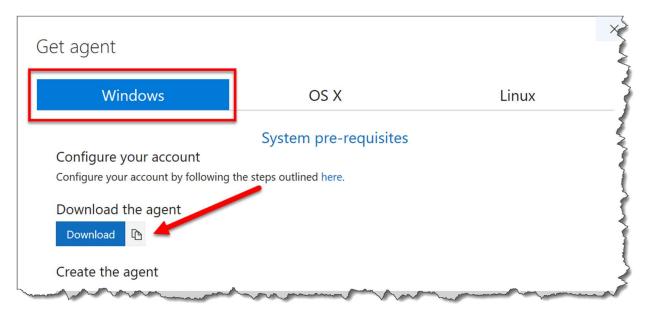
- Click the **gear icon** to bring up the **Settings menu**
- Choose **Agent Pools**

You should now see the admin screen for you team project collection and you should be looking at the Agent Pools tab. There should be a button that says "Download agent".



Click the **Download agent** button

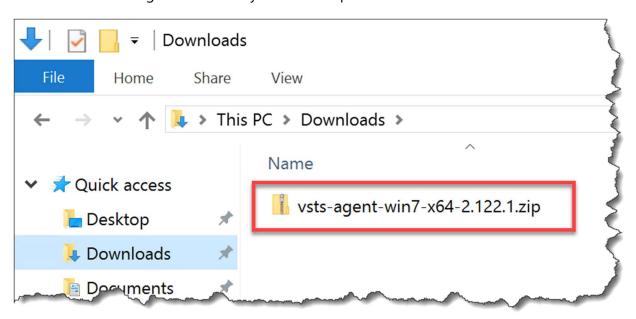
A dialog should pop up that shows you the download and installation info for Windows, Mac OS / OS X, and Linux.



- Make sure the **Windows tab** is selected
- Click the **Download** button (NOTE: this guide assumes you're doing the default browser behavior and downloading the agent zip to the download directory for your user profile.)

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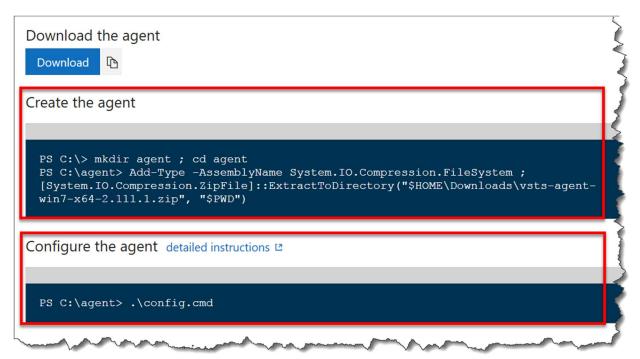
To verify that you saved this file to the expected location for this guide, open Windows Explorer (explorer.exe) and navigate to the Downloads directory. You should see a zip file that has a name that starts with "vsts-agent-". The actual filename might not be the same as the image below because the agent version may have been updated.



Extract the Agent

Now that you've downloaded the bits for the agent, you'll do the actual installation using PowerShell. This is actually done in two parts. Part 1: Extract the agent bits from the ZIP. Part 2: Configure the Agent. Let's do the first part.

That dialog that you used to download the agent has two different commands: "Create the agent" and "Configure the agent". In an ideal world, you'd be able to just copy and paste the commands and not have to think about anything – but this isn't an ideal world so buckle up. (Actually, it's not that bad...it's just enough friction to be a little bit annoying.)



First up, it's time to run PowerShell.



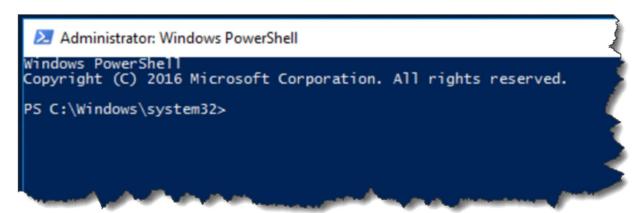
- Press the Windows key on your keyboard to bring up the search menu and type
 PowerShell
- From the search results, right-click **Windows PowerShell**
- From the context menu for PowerShell, choose **Run as administrator**

You'll see a User Account Control dialog.



• Click **Yes**

You should now see a Windows PowerShell window with the title "Administrator: Windows PowerShell".



You're now going to run a handful of commands to create the folder structure that you'll be installing the build agent in to.

- Type "cd \" and press Enter
- Type "mkdir agent" and press Enter
- Type "cd agent" and press Enter

When you're done with these commands, your screen should look almost exactly the same as the image above. It's extremely important that the PowerShell screen is showing you

PS C:\agent>

on the last line because this indicates that you've correctly created a directory called Agent and entered that directory.

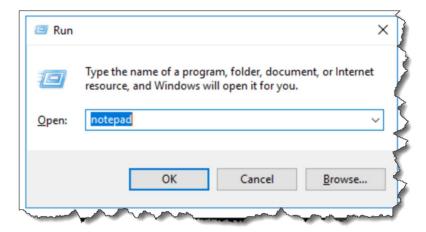
If your PowerShell window doesn't show you "PS C:\agent>", abandon all hope and reconsider all of the life choices that you've made to date. ©

Next, you'll run the PowerShell command that will extract the zip into the agent directory. This is some fiddly typing and the exact text will change as Microsoft updates the build agent install zip filename. It's probably easiest to just copy and paste the value from the **Create the agent** section of the download dialog. You WILL NOT be copying the whole command. You'll only be copying part of the line. In the image below, it's important to notice that I am NOT selecting the portion of the line that starts with "PS C:\agent>".

```
Ps C:\> mkdir agent ; cd agent
Ps C:\agent> Add-Type -AssemblyName System.IO.Compression.FileSystem ;
[System.IO.Compression.ZipFile]::ExtractToDirectory("$HOME\Downloads\vsts-agent-win7-x64-2.111.1.zip", "$PWD")
```

In the web browser, copy the text of the command that starts with "Add-Type"

Because nothing is ever easy, the command that you just copied probably has some extra characters in it. Let's use Notepad to fix it.



- Type Windows-R to bring up the Run dialog
- Type notepad
- Click OK
- Paste the copied command into Notepad

You should now see the command in Notepad. If everything is on one long line, go to the Format menu and choose Word Wrap. You might notice in the image below that my cursor is sitting on an empty line by itself. It's this extra line that's causing us to do this Notepad step.



- Delete the extra empty blank line at the end
- If there are any whitespace characters before "Add-Type", delete those, too.

There's a chance that the "ExtractToDirectory" doesn't have the name of the zip file that you downloaded. Make sure that the ExtractToDirectory command has the name of the zip file rather than just "\$HOME\Downloads\" for the first argument. If it's not there, you'll need to add it in to your command in notepad.

You should have a clean command that you can just paste into PowerShell and run.



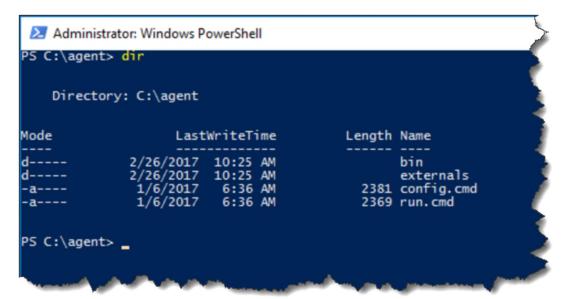
- Select the command
- Press CTRL-C to copy the selected command to the clipboard

Now you'll run the command in PowerShell.

- In the PowerShell window, type **CTRL-V** to paste the command
- Press **Enter** to run the command

When the command is done, you should not see any errors and the prompt should say "PS C:\agent>". (NOTE: this might take a few minutes to run.)

Let's verify that this extracted as expected.



- (Optional) To clear the screen, type "cls" and press Enter
- Type "dir" and press Enter

The screen should look something like the image above.

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Configure the Agent

Now that the agent bits are deployed to disk, you're ready to start configuring it. This guide assumes that you're planning to run this agent in a Windows domain and that the TFS machine is in the same domain as the agent. I'm also assuming that you intend to run this agent as a service rather than as an interactive process.

Recommendation: The agent can be configured to run as NT AUTHORITY\NETWORK SERVICE but I think that this makes permissions management confusing when you're creating and running builds. I strongly recommend that you run the agent as a service using a known service account that is based on an Active Directory user rather than one of the build-in service accounts like NETWORK SERVICE. This guide will assume that you're following this recommendation.

You're going to be prompted for a handful of values during the configuration process:

- **TFS server URL:** This is the same URL that you used to access the TFS web interface. By default this will be something like https://servername:8080/tfs
- **Authentication Type:** By default, authentication is based on the service account's Windows logon. This mode is called Interactive. In order support more complex scenarios and multiple platforms, there are also several other options. This guide will show you how to do Interactive mode.
- User name & password for the agent service: These are the credentials for the service. In my case, I've created an Active Directory user named "tfsbuild". The fully qualified username for this user is "DEMO\tfsbuild".

When you've got these values, you're ready to run the config process.

In the PowerShell window, type ".\config.cmd" and press Enter

When prompted, enter the following values.

"Enter server URL":

Type the **URL for your TFS instance** and click **Enter**

"Enter authentication type (press enter for Integrated)":

Press Enter

"Enter agent pool (press enter for default)":

Press **Enter**

• "Enter agent name (press enter for [local server name])":

Press Enter

"Enter run agent as service? (Y/N)":

Type 'Y' and press Enter

"Enter User account to use for the service":

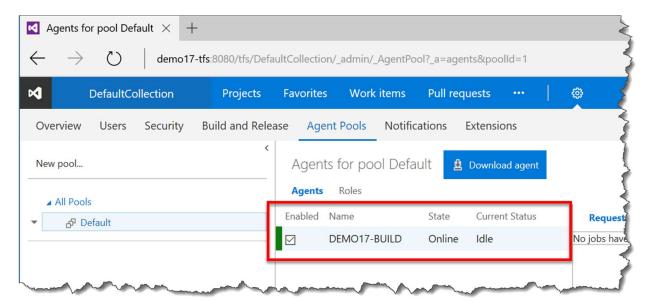
Type the **fully qualified name of the service account** (example: demo\tfsbuild) and press **Enter**

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Enter Password for the account [service account]":
 Enter the password for the service account and press Enter

When the config process has completed, you should see a message that says something like "Service vstsagent.demo17-tfs.DEMO17-BUILD started successfully".

If you open the browser and go back to the Agent Pools tab for TFS, you should now see your new build agent in the list of Agents.



You've successfully configured a build agent.