

Manage Exchange Server 2007 using Windows XP workstation

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Install Exchange Management Tools (Exchange management tools) on a workstation running Windows XP.

Some administrators don't like to use Terminal Services sessions to manage their Exchange Server environment. In this article, we will show you how to install the Exchange Management Tools on a workstation running Windows XP 32bit.

Currently, there is no support for installing Exchange Management Tools on Windows Vista. If you are running Vista, you must wait for the release of Exchange Server 2007 Service Pack 1 version.

If you run Windows XP x64 bit, you can find out some documents but use x64 Tools. In this article, we only focus on 32-bit Windows XP computers.

In order to achieve the objectives, the following steps must be taken:

- 1. Install common core files for IIS on the workstation*
- 2. Install .NET Framework 2.0*
- 3. Install hotfixes (hotfixes) for the .NET Framework 2.0*
- 4. Install Microsoft Management Console (MMC) 3.0*
- 5. Install Windows PowerShell*
- 6. Install Exchange Server 2007 on a Windows XP workstation*

Install common core files for IIS

The first step is to install common core files for IIS on the workstation by doing the following:

1. Click **Start**
2. Select **Settings**

3. Select **Control Panel**
4. Double-click **Add or Remove Programs**
5. Click **Add / Remove Windows Components** on the left
6. Select **Internet Information Services (IIS)** and click on the **Details** button . (Figure 1)

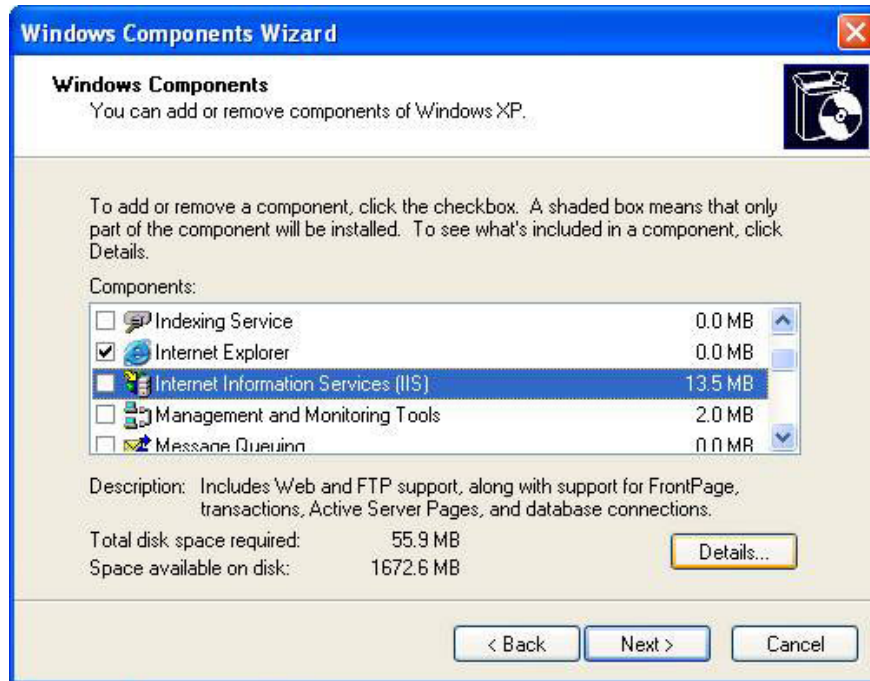


Figure 1: Click on the **Details** button of the Internet Information Services (IIS) option

7. Click the **Common Files** section (Figure 2).

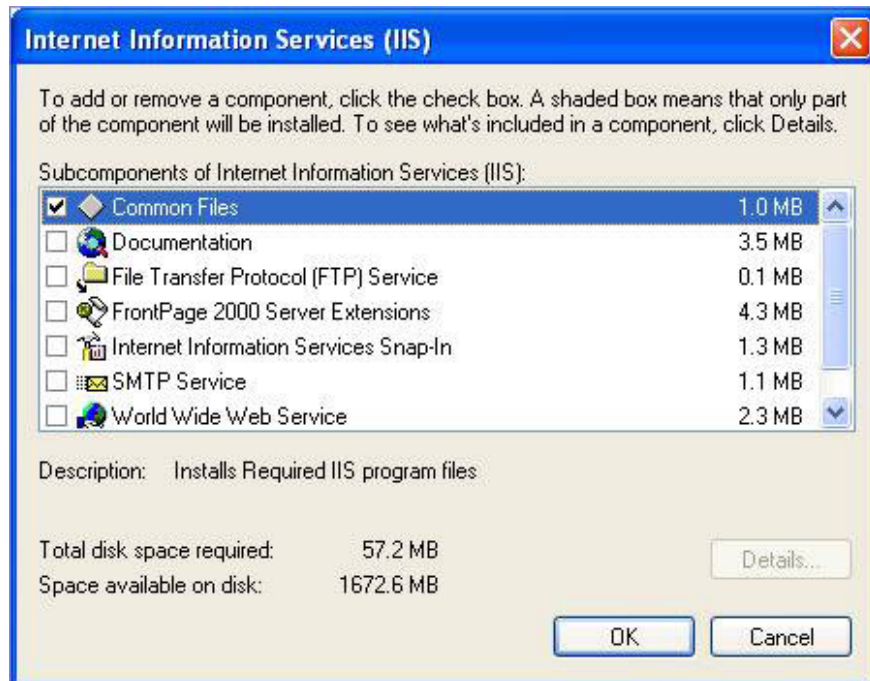


Figure 2: Select the Common Files option to require mandatory installation of Exchange Management Tools

8. Click **OK** until the Windows Component Wizard window appears again

9. Click Next to complete the Windows Component Wizard

Install the Microsoft .NET Framework 2.0 package

The first package to install on the workstation is .NET framework 2.0.

The installation file is called **dotnetfx.exe** , just double click on the file. In the first window that appears (Figure 3) click **Next** , in the next step, click ' *Accept the terms of the License Agreement* ' and then **Install** . The next screen will be the final screen telling you that the .NET Framework has been installed.

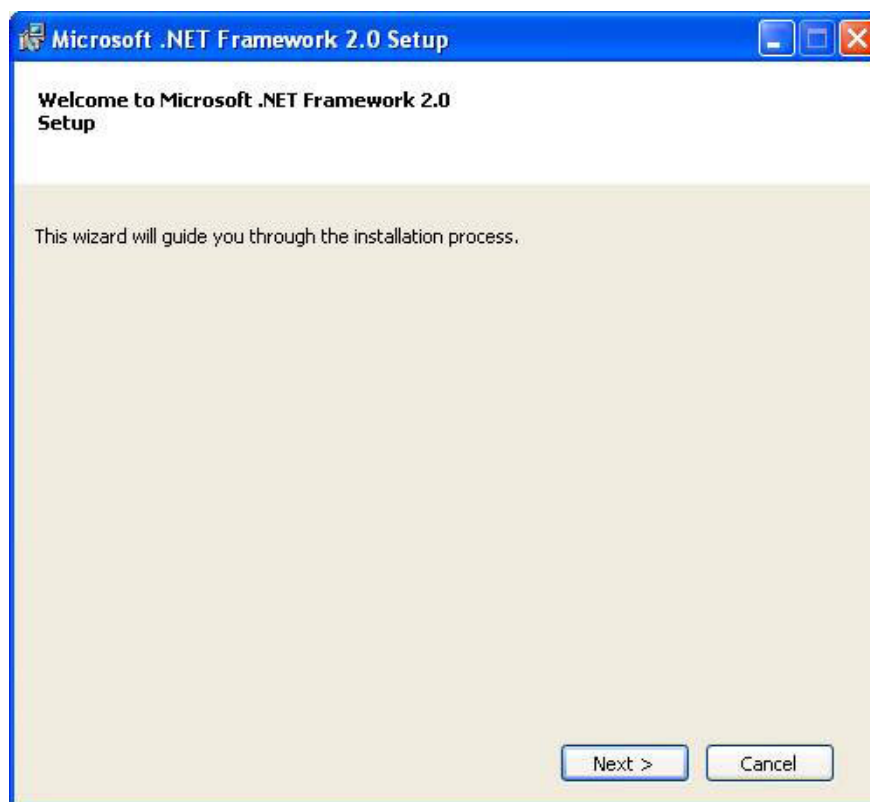


Figure 3: The first screen appears when installing the .NET Framework 2.0

After installing the .NET Framework 2.0, you must install the existing hotfix for it. After downloading this hotfix, just click on it and select **OK** to install, the screen shown in Figure 4.

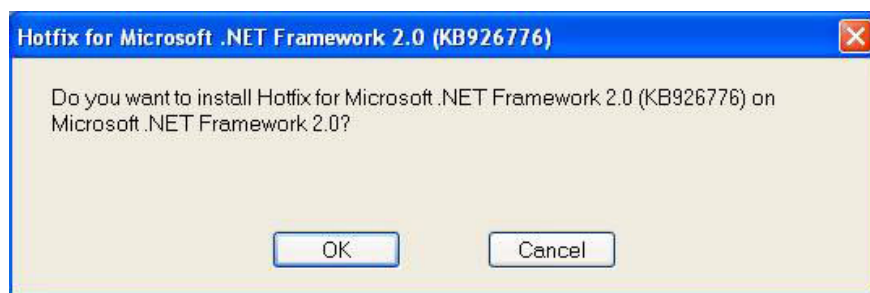


Figure 4: Apply hotfix to the .NET Framework

Note : You may receive a message explaining that there is an invalid component with the Windows installation version. If you get this message, you can download and install a newer version of this component from <http://www.microsoft.com/downloads/details.aspx?FamilyID=889482fc-5f56-4a38-b838-de776fd4138c> & DisplayLang = en

Install Microsoft Management Console 3.0

One of the critical conditions of Exchange Server 2007 is MMC 3.0. To be able to remotely manage Exchange

Server 2007 you must install it on your workstation. Download it at <http://www.microsoft.com/downloads/details.aspx?familyid=61FC1C66-06F2-463C-82A2-CF20902FFAE0&displaylang=en>



Figure 5: Installing Microsoft Management Console 3.0 on XP workstation

Install Windows PowerShell

This is the last step before actually installing the Exchange Server 2007 Management Tools. The final condition is Windows PowerShell

After downloading the file called WindowsXP-KB926139-x86-ENU (for the 32-bit version), just double-click the file and install the software using the default values.

Download and install 32bit Exchange Server 2007 installation files

After you have completed the above steps for a 32-bit XP computer, you can download the installation files from Microsoft at <http://www.microsoft.com/downloads/details.aspx?FamilyID=6be38633-7248-4532-929b-76e9c677e802> & DisplayLang = en

After downloading, extract the files to a folder on the hard drive. When you double click on this file, you can select a path for the output file and click **OK** as shown in Figure 6.

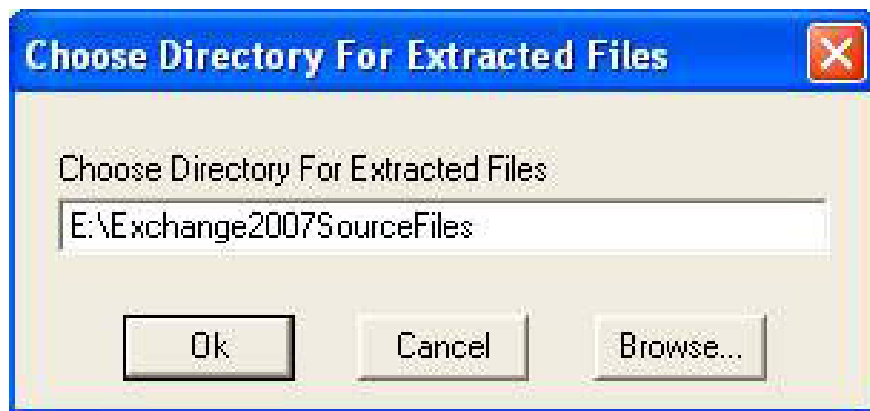


Figure 6: Extract the source files of Exchange Server 2007

You have to wait for the file decompression process and a dialog box will appear saying ' *Extraction Complete* '.

You can now double-click the Setup file located in the directory of the extracted files (the path is *E:\Exchange2007SourceFiles* in this article) as shown in Figure 7.

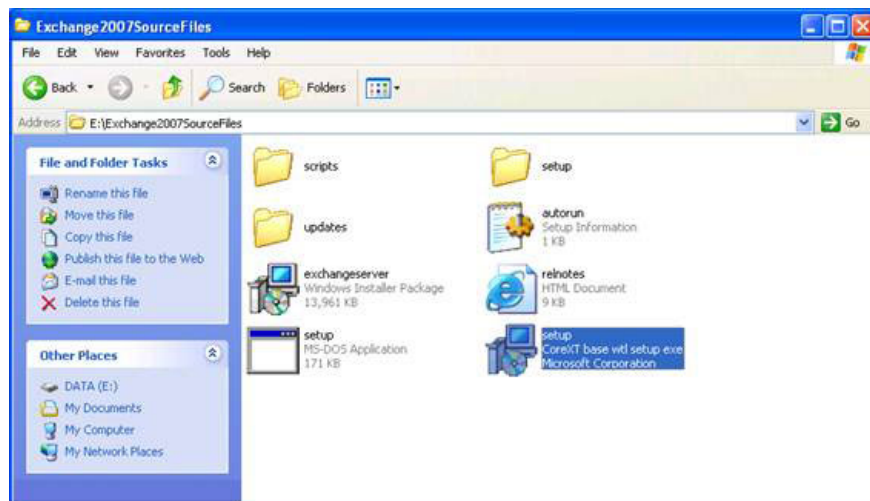


Figure 7: Start installing Exchange Server 2007 Management Tools

You will now see a familiar screen (Figure 8). Start installing Exchange Management Tools:

1. Click *Step 4: Install Microsoft Exchange* (Figure 8)



Figure 8: Main screen when installing Exchange Server 2007

2. **Introduction** . Welcome screen for the Exchange 2007 Installation , click **Next**

3. **License Agreement** . Select ' I accept the terms in the license agreement ' and click **Next**

4. **Error Reporting** . Set up your selection and click **Next**

5. **Installation type** . Click on the *Custom Exchange Server Installation* section and click **Next**

6. **Server Role Selection** . Select the **Management Tools** option and click **Next** .

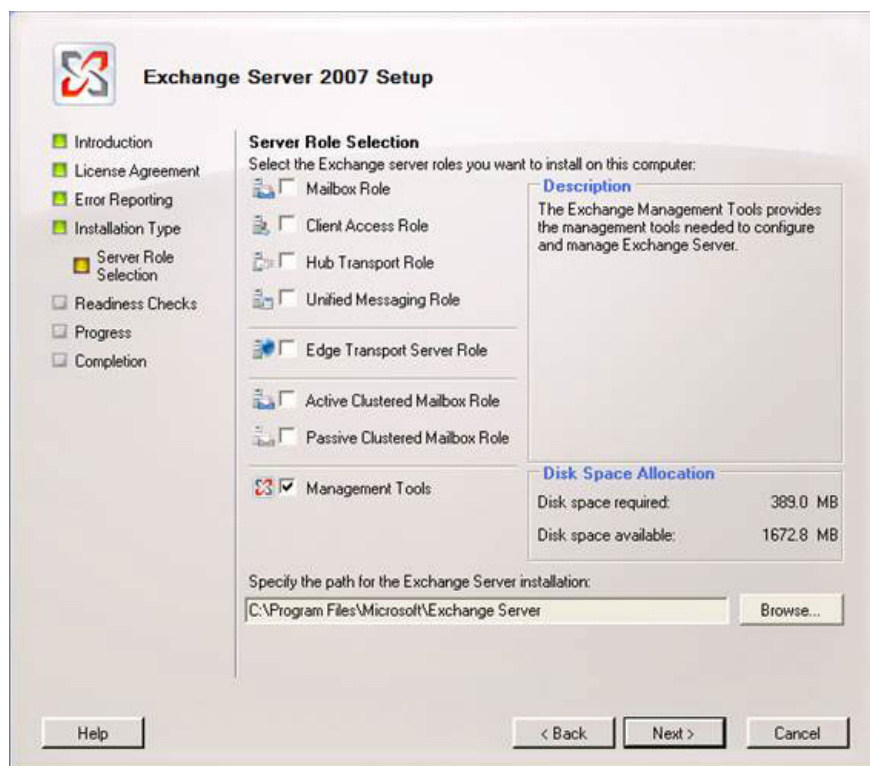


Figure 9: In the *Server role Selection* screen, select **Management Tools only**

7. **Readiness Checks** . You can see if everything is ready for installing Exchange Management Tools (as shown in Figure 10). If there are still a few things to install, you will receive an error listing the things you need to install. Click **Install** if there are no errors.

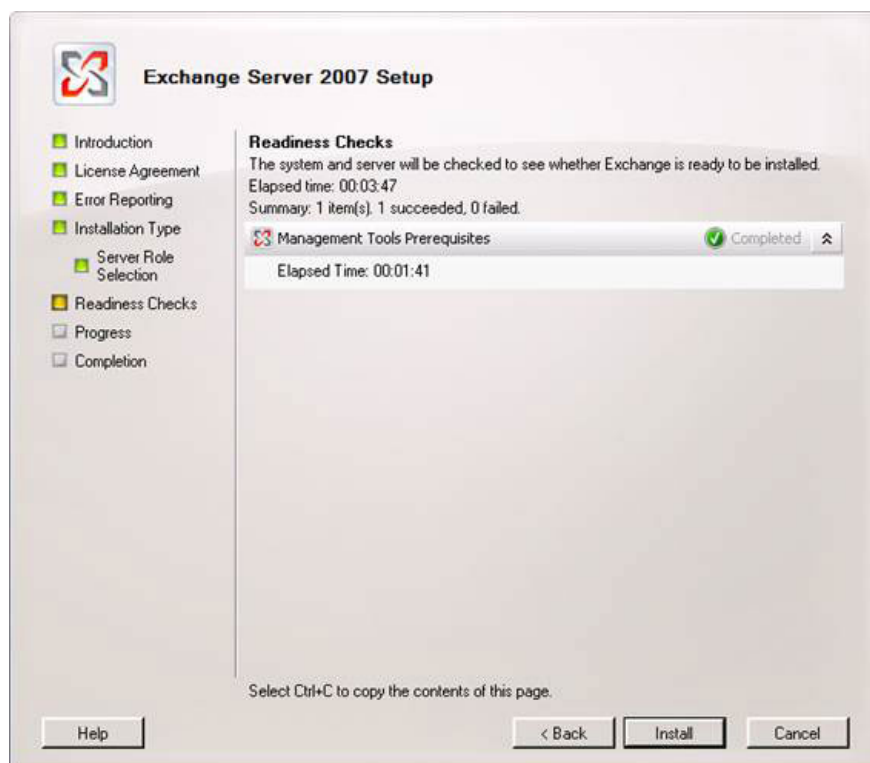


Figure 10: *Readiness Checks* . Everything is fine and you can install it by clicking the **Install** button

8. *Completion* . The final screen displays a message saying that the Exchange Management Tools have been installed and ready to use. Click **Finish** . (Figure 11)

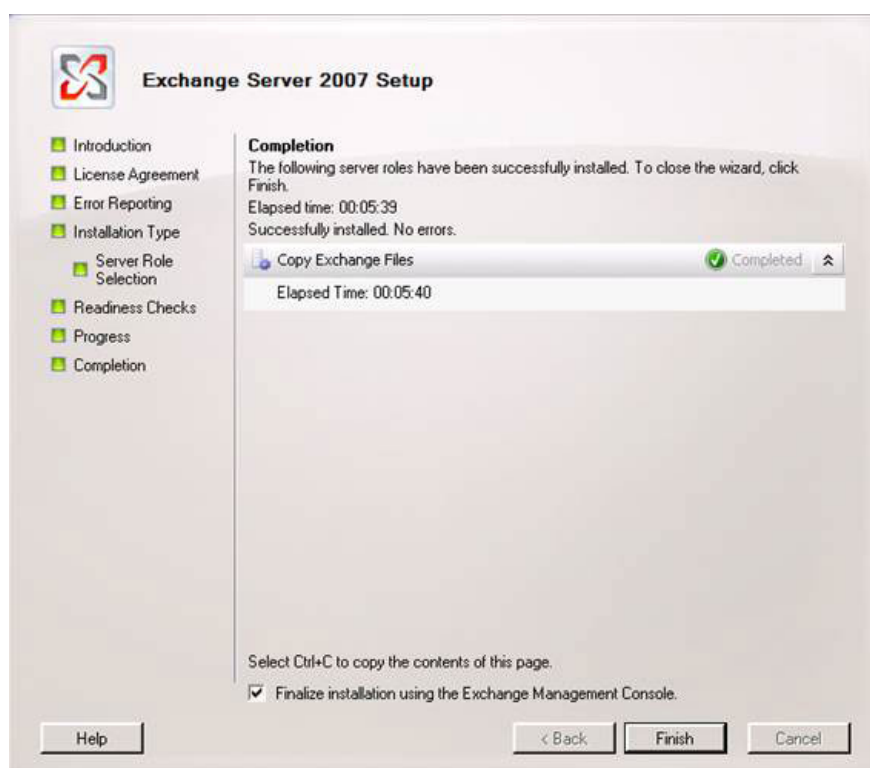


Figure 11: The Exchange Management tools have been installed

Now you can start becoming an Exchange Server 2007 administrator, use the Exchange Management Console or Exchange Management Shell from the Windows XP workstation as shown in Figure 12.

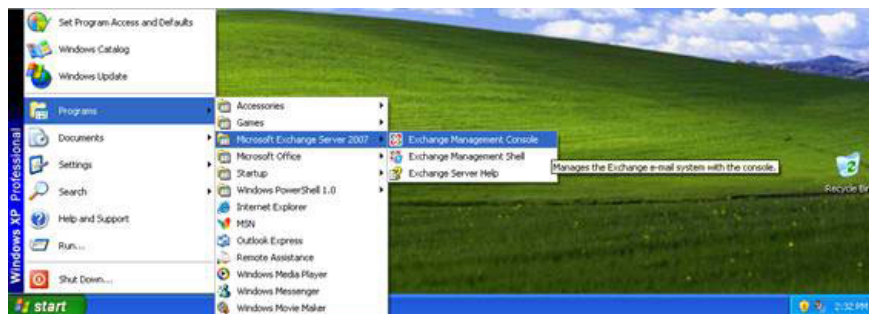


Figure 12: Windows XP with the Exchange Management Tools installed

Test Unified Messaging Role in Windows XP

If you have an Exchange Server 2007 set running the Unified Messaging role, you can use the XP workstation you created to run an application called ExchangeUM TestPhone to perform some checks against the UM server.

To do this, you must copy the files below using a command window from the UM Server for the XP workstation and place it on an exact path on the XP workstation.

1. assemblyGAC_32Microsoft.Collaboration.Media Microsoft.Collaboration.Media.dll
2. assemblyGAC_MSILMicrosoft.CollaborationMicrosoft.Collaboration.dll
3. Exchange Serverbin ExchangeUMTestPhone.exe
4. assemblyGAC_32SIPEPS ExchangeVersionNumberSIPEPS.dll

Note : You can create the same directory structure on your XP workstation to match the current directory structure on the UM server.

You can then double-click on the ExchangeUMTestPhone.exe file and start using the Exchange UM Test Phone application as shown in Figure 13



Figure 13: Exchange UM Test Phone

Manage public folders (Public Folders) in Exchange Server 2007

Some administrators do not want to use Exchange Management Shell to manage Public Folders, in which case we offer the following two options:

1. You can wait for Exchange Server 2007 Service Pack 1 with a separate tool to manage Public Folders. For more information you can go to <http://www.msexchange.org/tutorials/Managing-Public-Folders-Exchange-Server-2007-Service-Pack1-Beta.html>

2. You can install Exchange Server 2003 Exchange System Manager on the workstation to manage Exchange 2007 Public Folders. More information at <http://www.msexchange.org/tutorials/Remotely-Administering-Exchange-2003.html>

Conclude

This article showed you how to install Exchange Management Tools (Exchange Management Console and Exchange Management Shell) and Exchange UM Test Phone on a workstation running Windows XP.

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