

How to install µTorrent as a Service on Windows Home Server

Step 1 – Download all necessary software.

Required:

- **µTorrent**
µTorrent can be used in conjunction with the µTorrent WebUI so that it can be used on any machine via a web-browser to fully manage the torrents making it ideal for the use on a headless WHS.
Download from: utorrent.com
- **µTorrent WebUI**
Download from: forum.utorrent.com/viewtopic.php?id=14565
- **Windows Server 2003 Resource Kit Tools**
These are required to add µTorrent as a Windows Service so as no interaction on the WHS is required.
Download from: microsoft.com/downloads/...

Optional:

- **AnyServiceInstaller** (recommended)
AnyServiceInstaller by Marcel Nouwens is a simple interface for the Windows Server 2003 Resource Kit Tools that makes the creation of a Windows Service a breeze and is highly recommended for the installation of µTorrent as a Service on WHS.
Download from: webwacker.ath.cx/Web/
- **WHS µTorrent Add-In**
The WHS µTorrent Add-In by Marcel Nouwens provides a simple µTorrent interface directly through the WHS Console.
Download from: webwacker.ath.cx/Web/

Step 2 – Create new user.

1. Connect to your WHS via **Remote Desktop Connection** as the **Administrator** user.
2. On the WHS Remote Desktop open the **Start** menu
3. Select **All Programs > Administrative Tools > Computer Management**
4. On the **Computer Management** dialog expand **Local Users and Groups** and select **Users**.





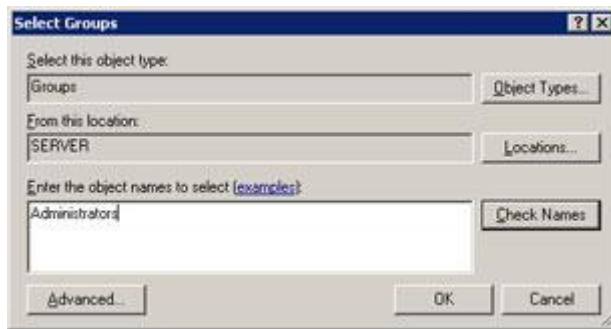
5. From the toolbar select **Action > New Users...**
6. Fill in the details in the **New User** dialog making certain to un-tick the first checkbox and tick the second and third checkboxes, then hit the **Create** button.



Note: Make sure to remember the chosen User name and Password.

7. Close the **New User** dialog.
8. Right-click the newly created user and select **Properties**.
9. Select the **Member Of** tab and click the **Add...** button.
10. In the **Select Groups** dialog type **Administrators** into the available text area and hit the **OK** button.





11. Click the **OK** button in the **User Properties** dialog.
12. Close the **Computer Management** window.
13. Hit **Start** and select **Log Off**.

Step 3 – Create the directories

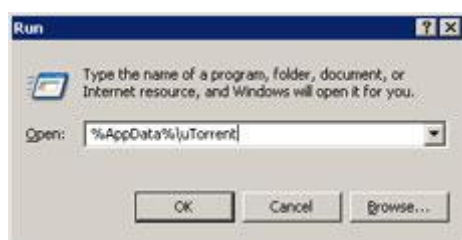
1. Login to the **Windows Home Server Console**.
2. Click to the **Shared Folders** section of the Console.
3. Hit the **Add** button on the toolbar.
4. Enter the desired folder name (ie. **Downloads**) into the **Name:** field and uncheck the **Enable Folder Duplication** checkbox.
5. Hit **Next >**.
6. Select the read/write permissions as you see fit, presumably giving your personal account **Full** access.
7. Hit **Finish**.
8. Make a note of the folder address (ie. **\\Server\Downloads**) then click the **Done** button.
9. Close the down the **Console**.
10. Connect to your WHS via **Remote Desktop Connection** as the user created in **Step 2**.
11. Hit the **Start** button and click on **Run....**
12. Type **D:** and hit the **OK** button.
13. Right click the window and select **New > Folder**.
14. Enter the desired folder name (ie. **Active Downloads**) and hit enter.
15. Close the window and proceed to **Step 4**.

Step 4 – Installing the applications

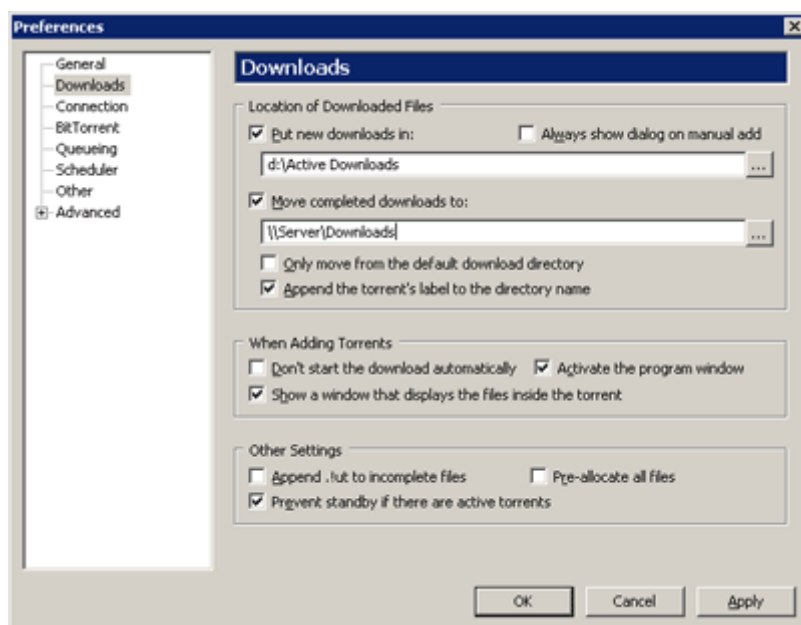
1. Connect to your WHS via **Remote Desktop Connection** as the newly created user.



2. Locate the **Windows Resource Kit** installer and install it with the default settings.
3. Once that installation is complete, locate the **µTorrent** installer and install it with the default settings.
4. Run **µTorrent**.
5. When the dialog pops up asking you if you'd like to associate .torrent files with µTorrent choose whichever option you'd like, I personally chose **No**.
6. Choose the settings as necessary on the next dialog.
7. Locate the **WebUI** files and extract them to a temporary folder.
8. Click the **Start** button and select **Run...**
9. Enter **%AppData%\uTorrent** into the dialog and hit the **OK** button.



10. Move the **webui.zip** file from the temporary folder to the newly opened folder.
11. Close the folder and feel free to delete the temporary folder.
12. In **µTorrent** select **Options > Preferences...** from the toolbar.
13. Select Downloads and fill out all necessary options making sure to use the folders created in **Step 3**.

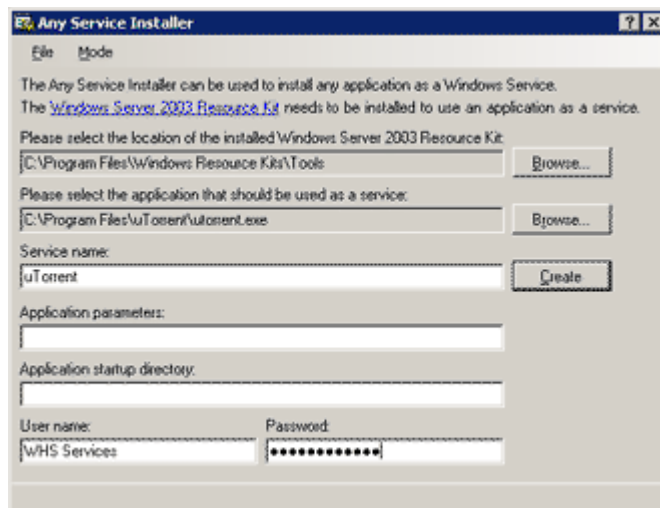


14. Select **Advanced > Web UI**, check the **Enable Web Interface** checkbox, fill out the **Username** and **Password** with credentials of your choice and hit the **OK** button.
15. Close **µTorrent**.



Step 5a – Creating the service with AnyServiceInstaller

1. In the WHS Remote Desktop, locate and run **AnyServiceInstaller.exe**.
2. Open the **Mode** menu from the toolbar and select **Advanced**.
3. Click the first **Browse...** button.
4. Browse to the folder where you installed the Windows Resource Kit, presumably **c:\Program Files\Windows Resource Kits**, select the **Tools** folder and hit **OK**.
5. Click on the second **Browse...** button.
6. Browse to the folder containing the utorrent.exe file, presumably **c:\Program Files\utorrent**, select **utorrent.exe** and hit **Open**.
7. Type **uTorrent** into the **Service name:** field.
8. Enter the earlier created User Name and Password into the respective fields.

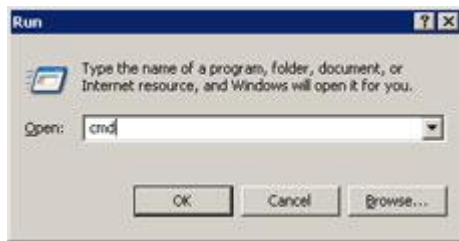


9. Click the **Create** button.
10. Close the AnyServiceInstaller window and proceed to **Step 6**.

Step 5b – Creating the service without AnyServiceInstaller

1. In the WHS Remote Desktop, click on the **Start** button and select **Run...**
2. Type **cmd** and hit the **OK** button.



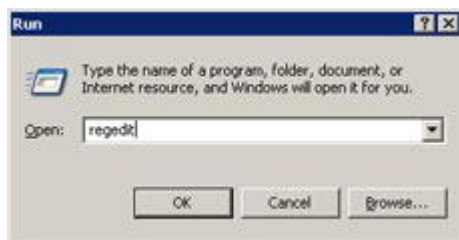


3. Presuming that the Windows Resource Kit was installed at **c:\Program Files\Windows Resource Kits** type the following lines:

- "c:\Program Files\Windows Resource Kits\Tools\instsrv.exe" uTorrent "c:\Program Files\Windows Resource Kits\Tools\srvany.exe"
- exit

4. Click on the **Start** button and select **Run...**

5. Type **regedit** and hit the **OK** button.



6. In the **Registry Editor** dialog select **HKEY_LOCAL_MACHINE > SYSTEM > CurrentControlSet > Services > uTorrent**.

7. With uTorrent selected, hit **Edit > New > Key** from the toolbar.

8. Type **Parameters** and hit enter.

9. From the toolbar select **Edit > New > String Value**.

10. Type **Application** and hit enter.

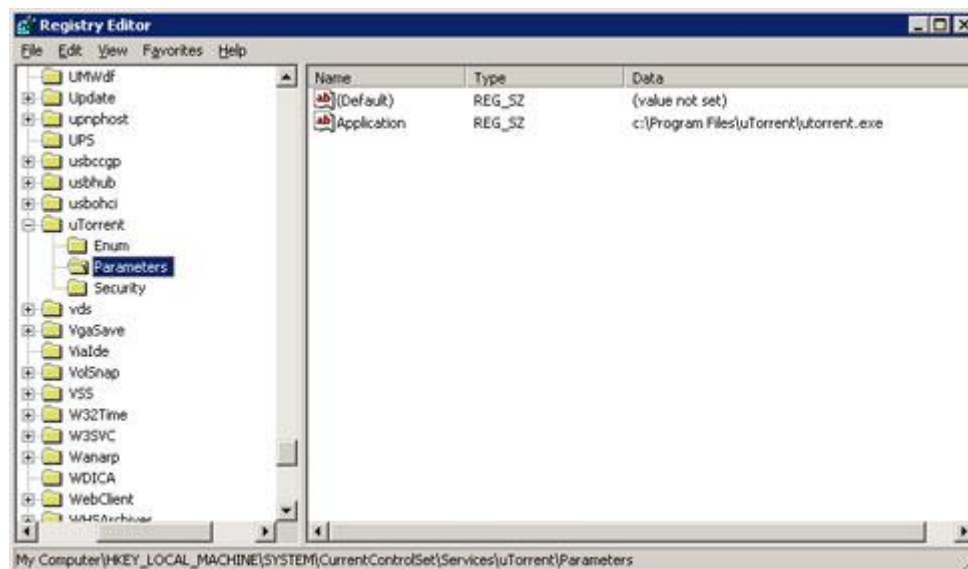
11. Right-click **Application** and select **Modify**.

12. Presuming uTorrent was installed **c:\Program Files\utorrent** type the following into **Value data**:

- **c:\Program Files\utorrent\utorrent.exe**

13. Hit the **OK** button.





14. Close the **Registry Editor**.

15. Hit the **Start** button and select **All Programs > Administrative Tools > Services**.

16. Locate the **uTorrent** service, right-click it and select **Properties**.

17. Select the **Log On** tab, click the **This account** radio button and fill in the details with the Username and Password created earlier.

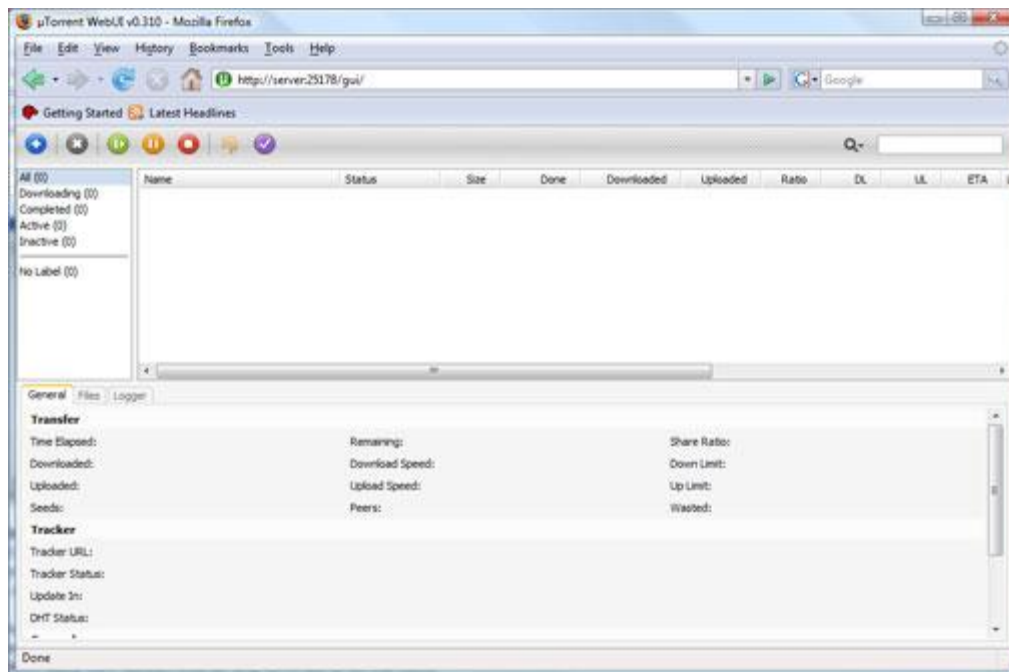
18. Click the **OK** button.

19. Close the **Services** dialog.

Step 6 – Finishing up

- 1.** Click the **Start** button and select **Shut Down** on the WHS Remote Desktop.
- 2.** In the **Shut Down Windows** dialog select **Restart** from the drop down and hit the **OK** button.
- 3.** If all went as planned when the WHS restarts you should be able to connect to the WebUI via the following address:
 - **http://[Server Name or IP Address]:[uTorrent Port]/gui/**



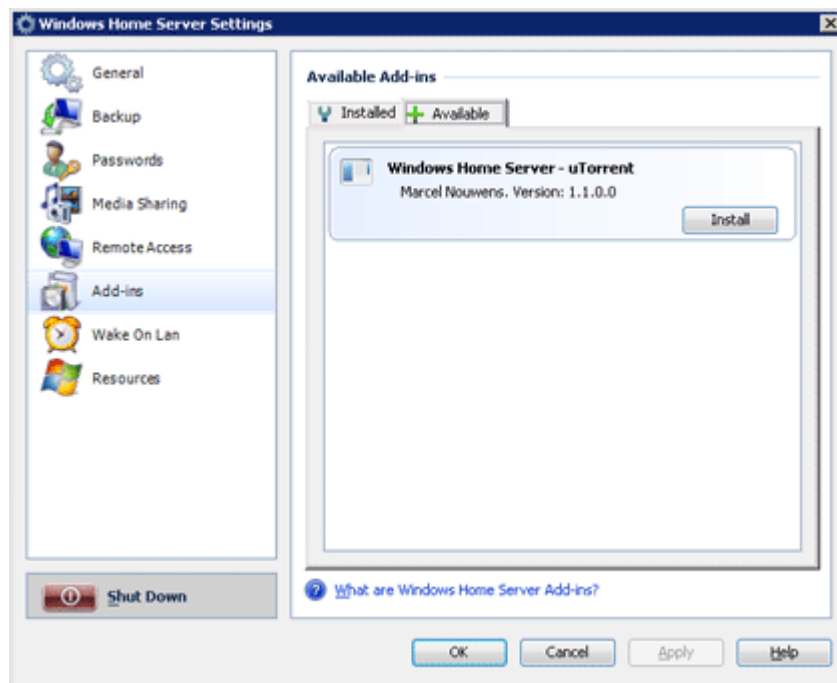


Step 7 – Installing the WHS µTorrent Add-In (optional)

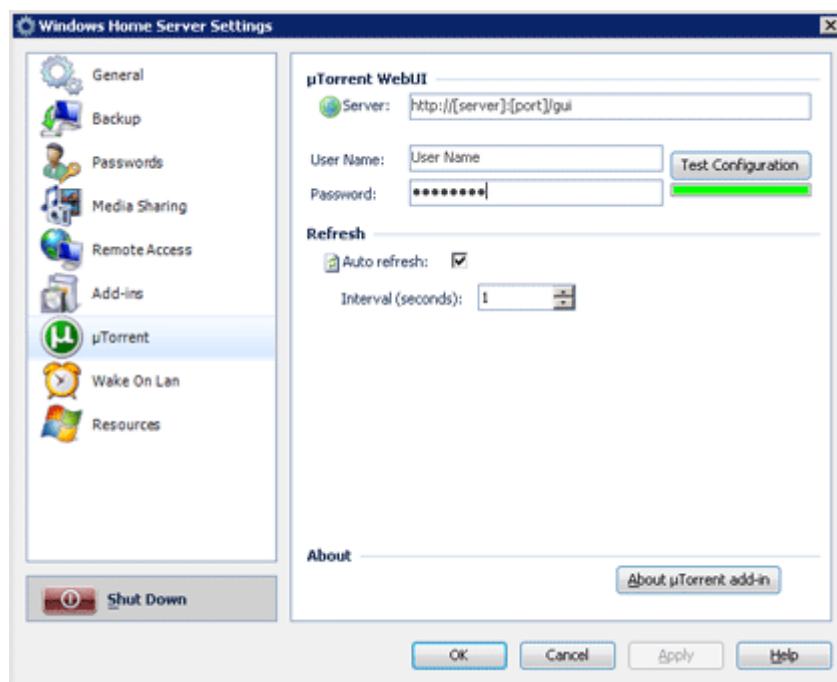
Note: Be certain to configure µTorrent as you require before installing the µTorrent Add-In as the Add-In does not provide access to the settings, however you can always make necessary changes via the standard UI on the remote desktop.

1. Place the **µTorrent Add-In .msi** (ie. **Marceln.HomeServer.ConsoleTab.Utorrent.Setup 1.1.0.0.msi**) in the **\\[Server Name]\Software\Add-Ins** directory.
2. Open the **WHS Console**.
3. Click on the **Settings** button.
4. Click on the **Add-ins** button on the left-hand window.
5. Select the **Available** tab on the right-hand window.
6. Click on the **Install** button inside the box titled **Windows Home Server - uTorrent**.





7. Click on the **OK** button once the installation is complete.
8. The WHS Console will log you out, click the **OK** button on the warning and log back in.
9. Click on the **Settings** button again.
10. Click on the **µTorrent** button on the left-hand window.
11. Enter the address of your **µTorrent WebUI** installation (ie. **http://[Server Name or IP Address]:[uTorrent Port]/gui/**) in the **Server:** field.
12. Enter the **User Name** and **Password** you designated when setting up µTorrent in **Step 3** into the respective fields.



13. Hit the **Test Configuration** button to confirm your settings are correct then hit the **OK** button.

14. Your setup is complete, you can now manage µTorrent installation via both the WebUI or the WHS Console.



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