



Selective Restore Manager Getting Started Guide

This information is copied from the Metalogix Selective Restore Manager for SharePoint documentation. After you install Selective Restore Manager, you can access the documentation and FAQ from the Start menu, or from the product Help menu (in CHM format), or in HTML from www.metalogix.com/help/Selective-Restore-Manager/Standard-Edition/.

[Where should I install Selective Restore Manager for SharePoint?](#)

[Installing Selective Restore Manager for SharePoint](#)

[Installing the Metalogix SharePoint Extensions Web Service](#)

[Using Selective Restore Manager](#)

[Getting Additional Support](#)

Where should I install Selective Restore Manager for SharePoint?

Selective Restore Manager is a client application that can be installed on any computer that meets the hardware and software requirements. If it is installed on a computer that is also a SharePoint Web Front End (WFE), Selective Restore Manager will immediately be able to connect to that SharePoint server with the rights of the connecting user. It can also access, in read only mode, any SharePoint site content database. It is recommended that the product be installed on the target machine, for a potential performance increase. Remote write access requires that the Metalogix SharePoint Extensions Web Service be installed.

Installing Selective Restore Manager for SharePoint

Hardware Requirements

- 50 MB of available hard disk space
- 256 MB of free RAM (plus double the size of the largest file being migrated).
- 800x600 screen resolution.

Software Requirements

- Microsoft Windows (Server 2003/Server 2008/Server 2008 R2/XP Professional/Vista/Windows 7). We support both 32-bit and 64-bit systems.

- Microsoft SQL Server.
- Microsoft Internet Explorer 6.x, or higher (8.x or higher is required if browser authentication is being used).
- Microsoft .NET Framework 3.5 SP1, or higher.

Note: Microsoft .NET Framework 4.0 is required if connecting to a SharePoint 2013 environment.

Note: Each item may have additional requirements.

Installation Steps

1. Close all open applications, including Internet Explorer.
2. Open Windows Explorer to the folder containing the Migration Manager for SharePoint installer, and double-click **Metalogix Selective Restore Manager for SharePoint Setup.exe** to start the installation process.
3. The Selective Restore Manager installer splash screen will open. Click **Next** to continue.

If this is the first time installing Selective Restore Manager users will be prompted to enter your **Activation License Key** before being able to proceed. For more information on this process, please see the [Installing the License Key](#) section. After the license key has been entered, click **Next** in the InstallShield.

4. Read through the **License Agreement**. Click **I Agree to the terms in the license agreement**, if you agree to the license agreement, and then click **Next** to continue.

If the **I do not agree to the terms in the license agreement** option is selected instead the installation will be canceled.

5. If you would like to install the product to a directory other than the **default location**, click the **Change...** button and navigate to an alternate install location, or enter the desired location in the box provided. Click **Next** to proceed with the selected folder.
6. On the **Ready to Install the Program** page, click **Install** to begin the installation process.
7. The next screen of the InstallShield will display the **Status** of the installation. Once this is complete, click **Next**.
8. The installer will indicate when Migration Manager for SharePoint has been successfully installed.
9. If you do not wish to immediately launch it, un-check the option to **Launch Metalogix Selective Restore Manager for SharePoint**.
10. Click **Finish** to exit the installer.
11. [Install the Metalogix SharePoint Extensions Web Service](#). This step is required to connect to a remote SharePoint instance with read/write access.

Installing the Metalogix SharePoint Extensions Web Service

The Metalogix SharePoint Extensions Web Service enables both Read and Write access to remote SharePoint. This remote connection accesses the content through the remote SharePoint installation's Object Model (OM). The Extensions Web Service can be installed using an installer file that is packaged with Selective Restore Manager.

The Extensions Web Service component can be installed on any SharePoint 2007 (MOSS 2007, WSS 3.0), 2010, or 2013 environment, and is supported on both 32-bit and 64-bit servers.

Once the Extensions Web Service is installed on one SharePoint Web Front End (WFE) it will automatically be pushed to any other SharePoint WFE's on the farm as a SharePoint solution file (WSP). When the Web Service has been deployed it can be managed as a SharePoint web solution, and can be accessed through the farm's Central Administration page, to administer, disable, or uninstall the Web Service.

The Web Service can only be installed on SharePoint 2007, 2010, and 2013 versions (i.e. WSS 3.0, MOSS, SharePoint Foundation, SharePoint 2010, etc.), and cannot be installed on SharePoint 2003 versions (WSS 2.0 and SPS 2003). This is because the 2003 versions of SharePoint do not use solution files; however, we can still connect to these versions using the Native Web Service (NWS) or Database (DB) connection types.

Installing Permissions and Steps for the Extensions Web Service

When installing the Extensions Web Service, the account that is performing the installation needs to have the following permissions:

- **Farm Administrator.**
- **Site Collection Administrator.**
- **Read/Write access to the content database** (it is highly recommended that this user is actually set as a **db_owner** on the content database).
- **Administrator on the installation system.**

After installation, the Web Service will run under the "app pool" user account. This means that any user running a restore action will only need to have general access to the content that is being migrated, in the SharePoint UI.

The Web Service helps to enable some migrations features through the remote access to the SharePoint OM, so it is recommended to have them deployed if possible. However, any SharePoint system that is running Selective Restore Manager locally doesn't need to install the Web Service, as the client will access the SharePoint OM locally.

For details on installing Selective Restore Manager please see [Installing Selective Restore Manager for SharePoint](#). After you have installed Selective Restore Manager:

1. From within the Selective Restore Manager installation package, copy the SharePoint Extensions Web Service installer to one Web Front End (WFE) for your target SharePoint instance.
2. Log on to your SharePoint server (Note: you will need to have administrative privileges), and find the MSI installer file. Double-click **Metalogix SharePoint Extensions Web Service - vX.X.XX.msi**. The installer wizard will launch, which lets you install and uninstall the Metalogix SharePoint Extensions Web Service.
3. Click **Next**. The Metalogix SharePoint Extensions Web Service installer will automatically detect the correct installation location. If you would like to install the Web Service to a directory other than the default location, click the **Browse...** button and specify an alternate folder, or enter the desired location in the box provided. Clicking on the **Disk Cost** button will give you a summary of the available drives to install the Web Service on, the total disk size and the amount of available space, to help you choose a location. Click **Next**, to proceed with the selected folder.
4. On the Confirm Installation page, click **Next**. The Service will be installed.
5. Click **Close** to exit the installer.

Please see the in-application **Help** page on Installing the Extensions Web Service for more details.

After Installing the Extensions Web Service

To check that the service has been installed correctly, simply attempt to connect to the web service page in a browser by entering **<YourSiteURL>/_vti_bin/ml/[Extensions Web Service version number (5.X.X.X)]/mlspextensions.asmx**. For example, if the Extensions Web Service (version 5.1.2.3) is installed on a server named "MossProd," then you would enter: **MossProd/_vti_bin/ml/5.1.2.3/mlspextensions.asmx**.

Note: The version number is only required in the file path in versions 5.0.0.4 and later. Using the version number in the folder path does not work for any of the v.4.X.X.X versions of the Extensions Web Service.

If this does not successfully connect to the Metalogix SharePoint Extensions Web Service web page, it may mean that the wrong installer was used or that the web service was not installed on all the web front ends for this farm..

Uninstalling the Extensions Web Service

It is recommended that uninstalling the Web Service should be initiated from the Metalogix SharePoint Extensions Web Service MSI installer file. Using this method will automatically retract the solution, and then uninstall it.

- Navigate to the location that contains the **Metalogix SharePoint Extensions Web Service - vX.X.XX.msi** installation file.
- Double-click on the MSI installer file.
- Select the option to **Remove Metalogix SharePoint Extensions Web Service**, and click **Finished**.
- The Extensions Web Service should now retract and uninstall. Click **Close** when the uninstall action is finished.

Once the solution has been retracted it can be uninstalled using either the controls in the farm's **Central Administration** page, the **Metalogix SharePoint Extensions Web Service MSI file**, or through **Control Panel > Programs and Features**, and uninstalling the program.

Using Selective Restore Manager for SharePoint

For comprehensive help after installation, refer to the Help documents within the application or access the Selective Restore Manager Help documents from the Start Menu (**Start > All Programs > Metalogix > Selective Restore Manager > Metalogix Selective Restore Manager Documentation**) or from the product Help menu under **Help > Help Topics**.

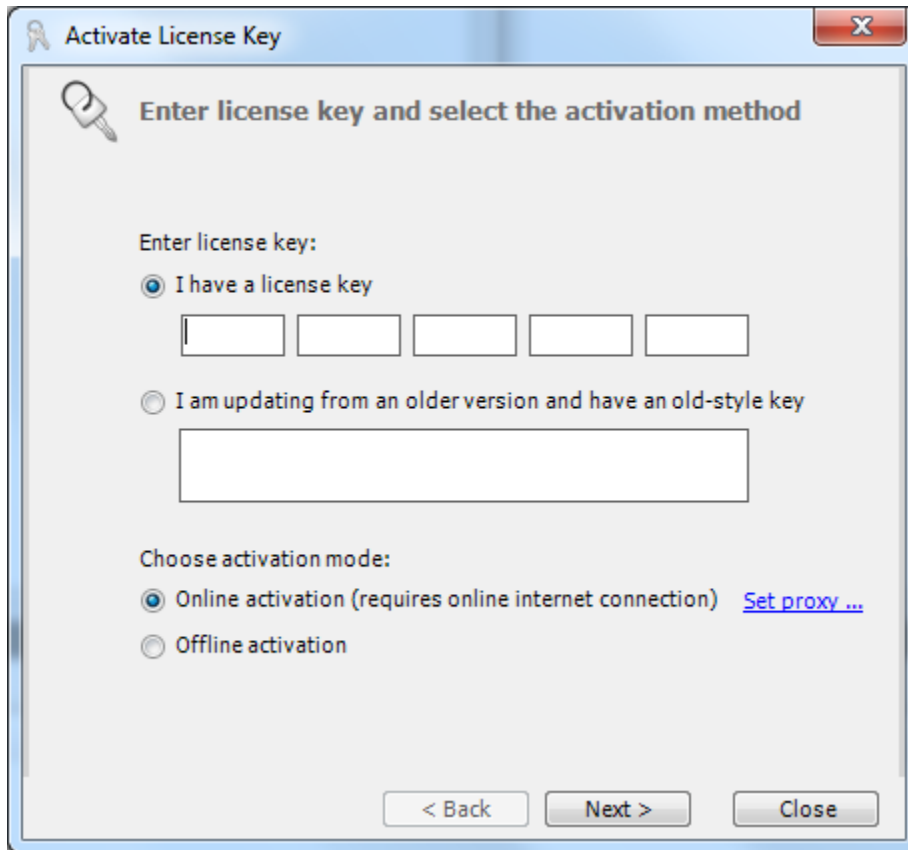
For a complete list of published builds for Selective Restore Manager, please visit the [build history page](#).

If there is a newer beta build available, it is recommended that you download it only if there is a feature or a fix that applies to you.

Installing the License Key

When launching the Selective Restore Manager for the first time (or launching it after your license has expired), you will be prompted to input an Activation License Key. If you are trying to install a new license key over top an existing key you can do so by going to **Help > Update License** in the main toolbar. To install you license key:

1. In the **license activation** dialog, select **I have a license key**, and enter the license key, provided with your evaluation or commercial license activation email (the key can be copy and pasted into the provided space).



Alternately, if you are using an older version of the license key, select the **I am updating from an older version and have an old-style key** option, and enter the key in the provided space (the key can be copy and pasted into the provided space).

2. Next, select the activation method. Most systems can use the Online activation method, as long as the system has internet access. In some cases users are unable to use the online activation due to security setting or no internet access. In these particular cases the Offline activation option can be selected.

Online Activation

1. After the license key is entered, select the **Online activation** option. In some cases users may be trying to authenticate the key through a proxy. To do this click the **Set proxy** option. This will open a new window and allow you to enter the **Server name/IP** and the **port number**, and **credentials** to access the proxy, and then continue. This option is not required in most standard cases.
2. Click **Next**.
3. The Selective Restore Manager will contact the licensing server and attempt to authenticate the license key. Once it is successful a **Congratulations!** message will be returned, and the license key will be active and in use.

4. Click **Finish** to complete the process.

Offline Activation

This option is generally used in cases where users are unable to use the online activation, due to security setting or no internet access. This option will still require some internet access, but allows for the authentication to be done from another machine, one that is not as restricted by security or no internet access.

1. Select the **Offline activation** option.
2. Click **Next**.
3. A **Generate Activation Request** dialog will be displayed. In the **Activation Request** window of this dialog will be a different key. The key in this window cannot be edited. This key is used to help activate the license from another location. This key can either be copied from the window, or the **Save to file** option can be used to save the key into a text file (in case it needs to be copied to another machine).

There is also an **Activation URL** listed under the **Activation Request**. Copy this URL to a web browser that has internet access. Alternately if the system the Selective Restore Manager is installed on does have internet access, and can open a web browser, click **Go** to automatically open a web browser to this URL.

Navigate to the Activation URL on a machine that has internet access.

4. On the **Offline Activation** page, in the web browser, enter the key into the **Activation data** text box. Or if the key was saved to a file, select **Browse** and navigate to the file with the key in it.
5. Once the key is entered, click **Activate**.
6. The screen will refresh, and an **Activation Successful** message should be listed next to the text box. The text box itself will have a new key entered in it. You can copy this text by either:
 - Clicking the **Download file** button. This will save the new authenticated license as a DAT file called "LicenseActivationResponse" to a location on that local system.
 - Clicking the **Copy text** button. This will attempt to copy the text onto the local systems clipboard, so it can be later pasted into the Selective Restore Manager, or pasted into another file. If the copy to the clipboard is successful, a message will be displayed stating "Activation Text successfully copied to the clipboard." Click **OK** to continue.
 - Manually copy the text, by right-clicking in the text box and using the **Select all** option, then right-click again and choose **Copy**.

7. Once the authenticated license has been copied, return to Selective Restore Manager.
8. If still on the **Generate Activation Request** window, click **Next**. This should move to the **Enter your Activation Response** window.
9. Paste the new license key into this window (right-click inside the text box, and choose **Paste**). Alternately if the license was saved to a file from the web page, the **Load from file** option can be used to navigate to, and select, the DAT file. This would then load the license. Once the license has been entered, click **Next**.
10. The authenticated license has now been entered into the Selective Restore Manager. A **Congratulations!** message will be returned, and the license key will be active and in use.

Click **Finish** to complete the process

Getting Additional Support

Metalogix offers support packages with all licenses of Metalogix Selective Restore Manager for SharePoint. Qualified licensees can receive technical support by sending e-mail to support@metalogix.com or by calling 1-202-609-9100.

An up-to-date version of the Metalogix Selective Restore Manager for SharePoint documentation can be found online at <http://www.metalogix.com/help/Selective-Restore-Manager/Standard-Edition/>. You can also visit our [resource center](#) page or the [Metalogix community forum site](#). For information about new builds, you can also subscribe to the [Metalogix corporate blog](#) or the [Metalogix Twitter account](#).

If you require further assistance, please contact support@metalogix.com. A support ticket can also be filed directly at [Support Portal](#). For pricing and order information, please contact sales@metalogix.com.



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