Metalogix

SharePoint Backup Version 6.2 Evaluation Guide

Publication Date: November 01, 2016

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016 All Rights Reserved.

This software is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this software, or any portion of it, may result in severe civil and/or criminal penalties and will be prosecuted to the maximum extent possible under the law.

Copyright

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016
All rights reserved. No part or section of the contents of this material may be reproduced or transmitted in any form or by any means without the written permission of Metalogix International GmbH.

SharePoint Backup is a trademark of Metalogix International GmbH and Idera, Inc

Windows SharePoint Services is either a registered trademark or a trademark of Microsoft Corporation in the United States and/or other countries. Other product and company names mentioned herein may be the trademarks of their respective owners.

Technical Support

For information about Metalogix Technical support visit http://metalogix.com/support.

Technical support specialists can be reached by phone at 1.202.609.9100.

The level of technical support provided depends upon the support package that you have purchased. Contact us to discuss your support requirements.

Contents

About This Guide 4

Prerequisites 4

Performing a Full Farm Backup 5

Backup of all Databases 5

Backup of Individual Web Front Ends 6

Granular Restore 8

Import and Mount a Content Database 8

Navigate Mounted Database and Restore an Item 9

In Place Item Restore 9

Out of Place Item Restore 10

Navigate Mounted Database and Restore a List 13

Navigate Mounted Database and Restore a Folder 14

Navigate Mounted Database and Restore a Site Collection 16

Link to a Content Database 18

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

About This Guide

This document provides new SharePoint Backup users with the opportunity to evaluate SharePoint Backup within their own SharePoint environment. It will lead users through a variety of common SharePoint Backup use case scenarios from a simple farm backup and scheduled backup, to granular restoration of items, and the mounting of content databases.

Prerequisites

In order to perform the evaluation scenarios for SharePoint Backup, outlined in this document, you must first install SharePoint Backup and configure it with an activated license, and connected to at least one farm. See the *Metalogix SharePoint Backup Advanced Installation Guide* for instructions about the installation and configuration of SharePoint Backup. It is available in the distribution zip file provided with the download of SharePoint Backup or on the Metalogix website:
http://www.metalogix.com/docs/default-source/product-collateral/Metalogix_SharePoint_Backup_Advanced_Installation_Guide.pdf

The scenarios in this document require you to prepare your environment as follows:

- SharePoint Backup installed.
- SharePoint Backup is connected to at least one SharePoint Farm that also has a web front end.
- SharePoint web applications should have the following items on them:
  - List Item or Document
  - List or Library
  - Folder
  - Website or Site Collection

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

Performing a Full Farm Backup

This section will review scenarios that will allow you to do various full farm backups.

Backup of all Databases

This scenario demonstrates the way in which to complete a full backup of all your environment's databases. This scenario assumes that your SharePoint Backup environment is connected to at least one SharePoint farm.

1. In the Metalogix SharePoint Backup Management Console, in the left pane, click **Farm Backup/Restore**.

2. In the Farm Backup/Restore pane, click **All Servers** for any farm.
3. In the right pane, click the **Backup** tab.
4. In the select farm components to back up area, check off **All Farm Components.**
5. Select **Full Backup** from the Action section of the top left hand panel. This will start the backup wizard.

6. On the welcome screen of the backup wizard, click **Next**.
7. On the Backup panel, insure that All Farm Components are selected. Click **Next**.
8. On the Options panel name the backup "Backup 1", in the Backup Description section write "Evaluation Backup". Click **Next**.

9. On the Mount Options panel, select the content databases on which to mount the backup. Click **Next**.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

10. On the Target SQL Server panel, select the SQL Server and its credentials where the content database will be mounted. Click **Next**.
11. On the Summary panel, click **Backup**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the backup operation's progress.
2. You can view the completed backup operation on the Overview tab, found in the top left hand panel.

In this scenario you:

- Created a backup of all the databases on a farm.

Backup of Individual Web Front Ends

This scenario demonstrates the way in which to complete a backup of a Web Front End. This scenario assumes that your SharePoint Backup environment is connected to at least one SharePoint farm that contains a separate Database server and a separate Web Front End.

1. In the Metalogix SharePoint Backup Management Console, in the left pane, click **Farm Backup/Restore**.

2. In the Farm Backup/Restore pane, select your Web Front End server.
3. In the right pane, click the **Backup** tab.
4. In the select farm components to back up area, check off **All Farm Components.**
5. Select **Full Backup** from the Action section of the top left hand panel. This will start the backup wizard.

6. On the welcome screen of the backup wizard, click **Next**.
7. On the Backup panel, insure that All Farm Components are selected. Click **Next**.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

8. On the Options panel name the backup "WFE Backup 1", in the Backup Description section write "WFE Evaluation Backup". Click **Next**.

9. On the Mount Options panel, select the content databases on which to mount the backup. Click **Next**.
10. On the Target SQL Server panel, select the SQL Server and its credentials where the content database will be mounted. Click **Next**.
11. On the Summary panel, click **Backup**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the backup operation's progress.
2. You can view the completed backup operation on the Overview tab, found in the top left hand panel.

In this scenario you:

- Created a backup of a Web Front End server on a farm.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

Granular Restore

This section will review how to import and mount a content database, and then run through various scenarios that will allow you to perform granular restore operations.

Import and Mount a Content Database

This scenario demonstrates the way in which to import and mount a Content Database. This scenario assumes that your SharePoint Backup environment is connected to at least one SharePoint farm, and has a content database accessible for importing and mounting. In the following steps we will use the backup created in the Backup of all Databases scenario in this document.

1. In the Metalogix SharePoint Backup Management Console, in the left pane, click **Granular Restore**.

2. In the top most panel, select **Mount and Link CDB**

3. Click **Next** on the Welcome page.
4. On the Source Type page, select Metalogix Full Farm Backup as the content database source type. Click **Next**.
5. On the Target SQL Server page, enter the name of a SQL Server, or Browse for one. Either use the backup service credentials or enter the server's credentials. Click **Next**.
6. On the Backup Objects page, select the "Backup 1" from the drop down list. This should be the set created during the Backup of All Databases evaluation scenario in this guide. Select all the content databases in the list for mounting. Click **Next**.
7. On the Options page, give the content database mount the name "Backup 1 Database Mount" and "Evaluation Database Mount" as the description. Click **Next**.

8. On the Target Farm page, select the target farm. Click **Next**.
9. On the Summary page, click **Mount** in order to mount the Metalogix Full Farm Backup.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of Backup 1 being mounted.
2. You can view the completed mounting of Backup 1 on the Overview tab, found in the top left hand panel.

In this scenario you:

- Mounted a Metalogix Full Farm Backup to all your content databases.

Navigate Mounted Database and Restore an Item

The following two scenarios demonstrate the way in which to navigate a mounted backup and restore an item. Both scenarios will use the mounted backup created in the Import and Mount a Backup scenario in this document.

In Place Item Restore

The following scenario demonstrate the way in which to navigate a mounted backup and perform an in-place restore of an item.

Restoring an Item In Place

1. In the Management Console, select **Granular Restore** from the bottom left panel.

2. Select a farm in the left pane and then select **Mounted Databases** in the left pane.
3. Select the Restore tab on the top right hand pane.
4. Under Restore type select **In-Place**.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

5. In the Backup Sets field, select one of the backup sets for a web application that was mounted in the Import and Mount a Backup scenario of this document.
6. In the Backup Content field, expand the web applications content and select a list item or a document to restore.

7. In the top right hand panel, select **Restore.**

3. On the Welcome panel, click **Next**.
4. On the Restore panel, review the objects to restore, then click **Next** to continue.
5. On the Item Options panel. Click **Next**.
6. On the Permissions panel click **Next**.
7. On the Summary panel, review the restore settings, then click **Restore**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of the in-place granular restore to the web application you chose to restore the item to.
2. You can view the completed in-place granular restore of the item on the Overview tab, found in the top left hand panel.

3. When on the Overview tab, by selecting the completed operation, you can see the in Operation Details pane, found at the bottom of the page, details about the completion of your granular in-place restore.

In this scenario you:

- Navigated a mounted Metalogix Full Farm Backup.
- Restored an Item In-Place.

Out of Place Item Restore

The following scenario demonstrate the way in which to navigate a mounted backup and perform an out-of-place restore of an item.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

Restoring an Item Out-of-Place

1. In the Management Console, select **Granular Restore** from the bottom left panel.

2. Select a farm in the left pane and then select **Mounted Databases** in the left pane.
3. Select the Restore tab on the top right hand pane.
4. Under Restore type select **Out-Of-Place.**

5. In the Backup Sets field, select one of the backup sets for a web application that was mounted in the Import and Mount a Backup scenario of this document.
6. In the Backup Content field, expand the web applications content and select a list item or a document to restore.

7. In the top right hand panel, select **Restore.**

3. On the Welcome panel, click **Next**.
4. On the Restore panel, review the objects to restore, then click **Next** to continue.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

5. On the Target panel, specify the target location for where you want your restore to occur. Click **Next**.

6. On the Item Options panel, Click **Next**.
8. On the Permissions panel click **Next**.
9. On the Summary panel, review the restore settings, then click **Restore**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of the out-of-place granular restore to the web application you chose to restore the item to.
2. You can view the completed out-of-place granular restore of the item on the Overview tab, found in the top left hand panel.

3. When on the Overview tab, by selecting the completed operation, you can see the in Operation Details pane, found at the bottom of the page, details about the completion of your granular out-of-place restore.

In this scenario you:

- Navigated a mounted Metalogix Full Farm Backup.
- Restored an Item Out-Of-Place.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

Navigate Mounted Database and Restore a List

The following scenario demonstrates the way in which to navigate a mounted backup and restore a list. This scenario will use the mounted backup created in the Import and Mount a Backup scenario in this document.

1. In the Management Console, select **Granular Restore** from the bottom left panel.

2. Select a farm in the left pane and then select **Mounted Databases** in the left pane.
3. Select the Restore tab on the top right hand pane.
4. In the Backup Sets field, select one of the backup sets for a web application that was mounted in the Import and Mount a Backup scenario of this document.
5. In the Backup Content field, expand the web applications content and select a list to restore.

6. In the top right hand panel, select **Restore.**

7. On the Welcome panel of the wizard, click **Next**.
8. On the Restore panel, review the objects to restore, then click **Next** to continue.
9. On the Target panel, specify the target location for where you want your restore to occur (this option is only available when the restore is done out-of-place or to a local folder) Click **Next**.
10. On the List Options panel select **Rename List**, and type in "Evaluation List" as the new list name. Click **Next**.
11. On the Permissions panel, Click **Next.**
12. In the Summary panel, review the restore settings, then click **Restore**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of the granular restore to the web application you chose to restore the list to.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

2. You can view the completed granular restore of the list on the Overview tab, found in the top left hand panel.

3. When on the Overview tab, by selecting the completed operation, you can see the in Operation Details pane, found at the bottom of the page, details about the completion of your granular restore.
4. Within a web browser, navigate to the SharePoint web application to which you restored the newly renamed list "evaluation list", in order to determine that the list now exists on the web application.

In this scenario you:

- Navigated a mounted Metalogix Full Farm Backup.
- Restored a list.

Navigate Mounted Database and Restore a Folder

The following scenario demonstrates the way in which to navigate a mounted backup and restore a folder. This scenario will use the mounted backup created in the Import and Mount a Backup scenario in this document.

1. In the Management Console, select **Granular Restore** from the bottom left panel.

2. Select a farm in the left pane and then select **Mounted Databases** in the left pane.
3. Select the Restore tab on the top right hand pane.
4. In the Backup Sets field, select one of the backup sets for a web application that was mounted in the Import and Mount a Backup scenario of this document.
5. In the Backup Content field, expand the web applications content and select a folder to restore.

6. In the top right hand panel, select **Restore.**

7. On the Welcome panel of the wizard, click **Next**.
8. On the Restore panel, review the objects to restore, then click **Next** to continue.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

9. On the Target panel, specify the target location for where you want your restore to occur (this option is only available when the restore is done out-of-place or to a local folder) Click **Next**.
10. On the Folder Options panel select **Rename Folder**, and type in "Evaluation Folder" as the new folder name. Click **Next**.

11. On the Permissions panel, Click **Next.**
12. In the Summary panel, review the restore settings, then click **Restore**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of the granular restore to the web application you chose to restore the list to.
2. You can view the completed granular restore of the folder on the Overview tab, found in the top left hand panel.

3. When on the Overview tab, by selecting the completed operation, you can see the in Operation Details pane, found at the bottom of the page, details about the completion of your granular restore.
4. Within a web browser, navigate to the SharePoint web application and document library to which you restored the newly renamed folder "evaluation folder", in order to determine that the folder now exists

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

on the web application.

In this scenario you:

- Navigated a mounted Metalogix Full Farm Backup.
- Restored a folder.

Navigate Mounted Database and Restore a Site Collection

The following scenario demonstrates the way in which to navigate a mounted backup and restore a site collection. This scenario will use the mounted backup created in the Import and Mount a Backup scenario in this document.

1. In the Management Console, select **Granular Restore** from the bottom left panel.

2. Select a farm in the left pane and then select **Mounted Databases** in the left pane.
3. Select the Restore tab on the top right hand pane.
4. In the Backup Sets field, select one of the backup sets for a web application that was mounted in the Import and Mount a Backup scenario of this document.
5. In the Backup Content field, expand the web applications content and select a site collection to restore.

6. In the top right hand panel, select **Restore.**

7. On the Welcome panel of the wizard, click **Next**.
8. On the Restore panel, review the objects to restore, then click **Next** to continue.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

9. On the Target panel, specify the target location for where you want your restore to occur (this option is only available when the restore is done out-of-place or to a local folder) Click **Next**.
10. On the Site Collection Options panel Click **Next**.
11. On the Site Options panel select **Rename Site**, and type in "Evaluation Site" as the new site name. Click **Next**.

12. On the List Options panel, Click **Next**.
13. On the Permissions panel, Click **Next**.
14. In the Summary panel, review the restore settings, then click **Restore**.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of the granular restore to the web application you chose to restore the list to.
2. You can view the completed granular restore of the site collection on the Overview tab, found in the top left hand panel.

3. When on the Overview tab, by selecting the completed operation, you can see the in Operation Details pane, found at the bottom of the page, details about the completion of your granular restore.
4. Within a web browser, navigate to the SharePoint web application and site collection to which you restored the newly renamed site "evaluation site", in order to determine that the site now exists on the web application.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

In this scenario you:

- Navigated a mounted Metalogix Full Farm Backup.
- Restored a Site collection.

Link to a Content Database

This scenario demonstrates the way in which to link to a Content Database. This scenario assumes that your SharePoint Backup environment is connected to at least one SharePoint farm, and has a content database accessible for linking to.

1. In the Metalogix SharePoint Backup Management Console, in the left pane, click **Granular Restore**.

2. In the top most panel, select **Mount and Link CDB**

3. Click **Next** on the Welcome page.
4. On the Source Type page, select Link to a Content Database as the content database source type. Click **Next**.
5. On the Content Database panel, click **Populate** in order to populate the content database drop down list. A pop up will appear notifying you that the list has been populated. Select a content database to link to from this list. Click **Next**.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016

6. On the Options panel, name the content database mount "Evaluation Content Database Mount" and give a description of "Evaluation Database Mount". Click **Next**.

7. On the Target Farm page, select the target farm. Click **Next**.
8. On the Summary page, click **Mount** in order to mount the Metalogix Full Farm Backup.

Confirmation

1. Go to the Operation Queue tab in the top left hand panel in order to see the progress of Evaluation Content Database Mount being mounted.
2. You can view the completed mounting of Evaluation Content Database Mount on the Overview tab, found in the top left hand panel.

In this scenario you:

- Linked to a Content Database.

© Copyright Metalogix International GmbH and Idera, Inc., 2004-2016