

Metalogix® StoragePoint 5.7

Metalogix Archive Adapter Guide



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Metalogix Archive Adapter Configuration

This section will provide you details on how to configure a storage endpoint's connection string to utilize the Metalogix Archive Manager Adapter. Please refer to the StoragePoint Reference Guide for information on managing Storage Endpoints.

NOTE: SharePoint 2016 is not compatible with the Metalogix Archive Adapter, at this time.

On the Application Management page, click *Storage and Backup Endpoints*.



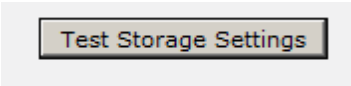


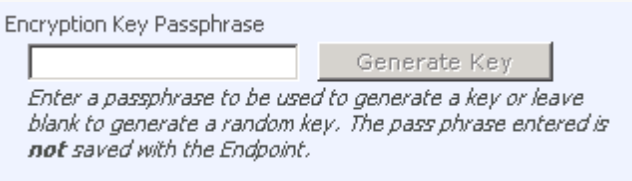
Click *Create New Endpoint* or click the name of an existing storage endpoint that you want to edit.

Click the *Show* link next to the Advanced Adapter Settings to see the additional fields.

Metalogix Archive Adapter Connection String Parameters

Setting	Value/Options
Name	Enter the unique name of the Storage or Backup Endpoint.

Setting	Value/Options
<p>Type</p> <p>Type</p> <p><input checked="" type="radio"/> Primary <input type="radio"/> Backup</p> <p>See Backup Services Settings in the Reference Guide for more information on how Backup Endpoints are used.</p>	<p><i>Primary</i>– this endpoint will be available for externalization when creating storage profiles.</p> <p><i>Backup</i>– this endpoint will be in the Backup Services dropdown on the profile page.</p> <p>The selection is locked down when saving.</p>
<p>Status</p> <p>Status</p> <p>Online</p>	<p><i>Online</i>– Storage Endpoint should be available to associate to a Storage Profile and accept BLOBs. (default)</p> <p><i>Offline (Read Only)</i>– A storage endpoint can be configured, but not made available for externalizing content. The BLOBs already on the endpoint are still read only.</p>
<p>Adapter</p> <p>MetalogixArchive</p>	<p>Select the adapter for the endpoint that is being created.</p>
<p>Metalogix Archive Web Service URL</p> <p></p> <p><i>Metalogix Archive Web Service URL address must be provided.</i></p>	<p>Enter the URL of the HSM Web service that was created during the configuration of Archive Manager.</p>
<p>Schema ID</p> <p></p> <p>Get Schemas</p>	<p>Click Get Schemas to retrieve schemas associated with the web service. Click one to select it.</p>
<p>Retention Period</p> <p>0 Month(s)</p>	<p>Enter a retention period.</p>
<p>Advanced Adapter Settings <i>(Hide)</i></p> <p>Buffer Size (in bytes)</p> <p>65536</p>	<p>Click Show to see the Advanced Adapter Settings. Enter a buffer size, or use the default (65536).</p>

Setting	Value/Options
	<p>If the endpoint is on a WORM (Write Once, Read Many) device, Unused BLOB Cleanup will ignore this endpoint.</p>
	<p><i>No</i>– Externalized content BLOBs are not placed in folders.</p> <p><i>Yes</i>– Externalized content BLOBs are placed in folders (default).</p> <p>If <i>Folder Content in BLOB Store</i> is <i>Yes</i> then you can select a date/time folder scheme from the dropdown.</p> <p>YYYY/MM/DD/HH/MM is the default.</p>
	<p>The Test Storage Settings button can be used at this point, or after completing the endpoint configuration, to verify that the endpoint is accessible.</p>
	<p><i>No</i>– Externalized content BLOBs are not compressed (default).</p> <p><i>Yes</i>– Externalized content BLOBs are compressed.</p>
	<p><i>None</i>– Encryption will not be applied to externalized BLOBs (default).</p> <p><i>AES (128 bit)</i>– 128 bit AES encryption will be applied to externalized BLOBs.</p> <p><i>AES (256 bit)</i>– 256 bit AES encryption will be applied to externalized BLOBs.</p>
	<p>Enter a passphrase to use when generating the encryption key. Using a passphrase will help you re-create the encryption key if necessary. You can generate a</p>

Setting	Value/Options
	random key by leaving the box blank and clicking the <i>Generate Key</i> button. The encryption key passphrase will be hidden.
<p>Generate warning notification if:</p> <p><input checked="" type="checkbox"/> <input type="text" value="10"/> or more successive errors are encountered</p> <p><input checked="" type="checkbox"/> there is less than <input type="text" value="10"/> <input checked="" type="radio"/> MB <input type="radio"/> % of free space</p>	A warning email can be sent if it encounters errors.
<p>Automatically take endpoint offline if:</p> <p><input checked="" type="checkbox"/> <input type="text" value="25"/> or more successive errors are encountered</p> <p><input checked="" type="checkbox"/> there is less than <input type="text" value="1"/> <input checked="" type="radio"/> MB <input type="radio"/> % of free space</p>	An online storage endpoint can be automatically taken offline if it encounters errors. If a storage endpoint is taken offline automatically, BLOBs that were intended to be written to that endpoint will go to the content database.
<p>Send Offline Notifications to:</p> <p><input checked="" type="checkbox"/> Use Notification Defaults</p> <p>Additional Contacts</p> <p><input type="text" value="admin@company.com"/></p> <p><i>Provide a semi-colon delimited list of e-mail addresses.</i></p>	Default email addresses for system error and offline notification can be entered. Check the box to include the list of Default Notification Contacts specified on the General Settings page.

Example Storage Endpoint using Metalogix Archive Adapter

The screenshot shows the configuration form for the Metalogix Archive Adapter. It includes a dropdown menu for the Adapter type, a checkbox for 'Show Connection String', a text field for the 'Metalogix Archive Web Service URL' containing 'http://10.', a dropdown for 'Schema ID' with '1' selected and a 'Get Schemas' button, a 'Retention Period' section with a text field '90' and a dropdown 'Year(s)', and an 'Advanced Adapter Settings' section with a '(Show)' link. A 'Test Storage Settings' button is located at the bottom.

Click the *Show Connection String* checkbox to edit the connection string. Otherwise, fill in the connection fields shown for the adapter selected. Notice that the connection string parameters are name/value pairs separated by semi-colons.

This screenshot shows the 'Storage Settings' section on the left and the expanded 'Adapter Settings' on the right. The 'Show Connection String' checkbox is checked. The 'Connection' text area contains the string: 'SERVICE_URL=;SCHEMA_ID=;RETENTION=0M;BUFFER_SIZE=65536;'. Below the text area is a note: 'Provide adapter-specific connection attributes. Please refer to the adapter documentation for connection string details.'

NOTE: Adapter parameters are not case-sensitive.

NOTE: You should always use a passphrase when generating encryption keys. The passphrase gives you a means of re-creating keys should they become unrecoverable or corrupt. It is very important to remember or record the passphrase outside of Metalogix StoragePoint. Otherwise, encrypted content could become irretrievable in the event of a database failure.

If you choose to externalize content you should test the storage profile settings by clicking the *Test Storage Settings* button. A message under the button will indicate whether or not the test was successful. If the test fails the message will include the error that was the root cause of the failure.

NOTE: When testing access to an endpoint from within Central Administration, the Identity of the Application Pool hosting the Central Administration Site is the one that is being used for the test. If there are different Identities used for other Web Applications in the Farm then those identities will also need access but cannot be tested from within Central Admin itself. See BLOB Store Security and Metalogix StoragePoint Required Privileges in the Metalogix StoragePoint Reference Guide.

NOTE: The Endpoint Start folder cannot be used for profiles that use the Metalogix Archive Adapter endpoint.

Large File Support is not compatible with the Metalogix Archive adapter.

Appendix: Troubleshooting

Problem: Receiving errors on storage or retrieval of externalized content.

Wherever possible, StoragePoint surfaces error messages returned by the adapter either directly to the user or within the SharePoint ULS logs. You should refer to your storage platform/provider documentation for resolution to errors logged by the adapter.

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- View how-to-videos
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- Chat with support engineers online
- View services to assist you with your product