

Metalogix[®] StoragePoint 5.9.2

EMC Isilon Adapter Guide

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Contents

Isilon Adapter Configuration	4	
Isilon Adapter Connection String Parameters	6	
Example Storage Endpoint Using Isilon	10	
Retention Promotion from IMP	11	
Appendix: Troubleshooting	11	
Problem: Receiving errors on storage or retrieval of externalized content	11	
About Us	12	
Contacting Quest	12	
Technical Support Resources	12	

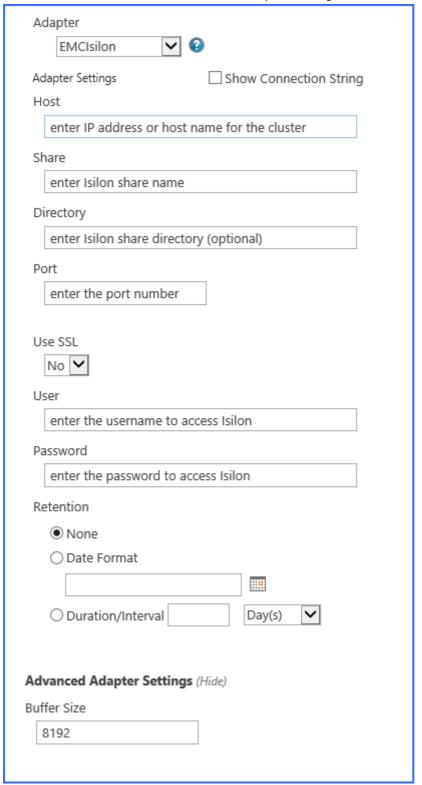
Isilon Adapter Configuration

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

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.

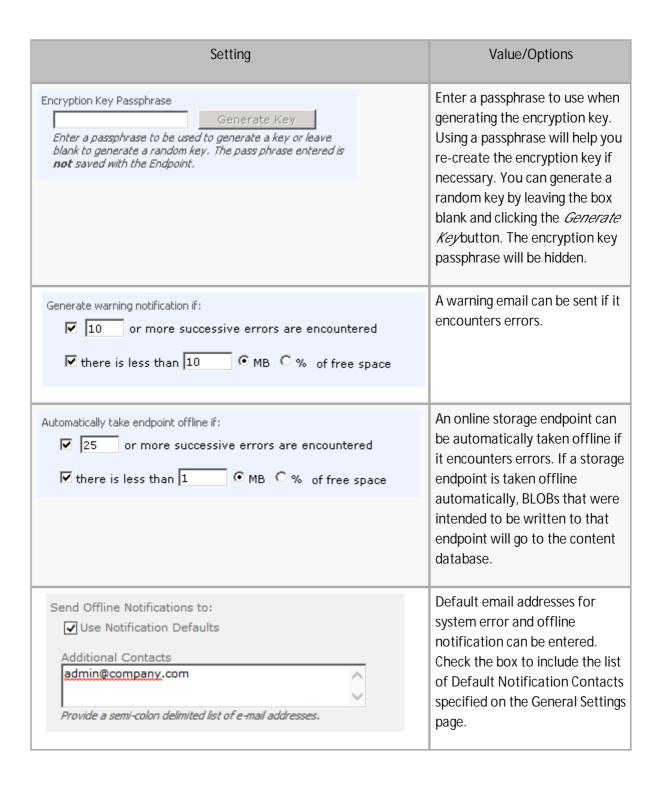


Isilon Adapter Connection String Parameters

Setting	Value/Options
Name	Enter the unique name of the Storage or Backup Endpoint.
Type Type © Primary © Backup	Primary – this endpoint will be available for externalization when creating storage profiles.
See Backup Services Settings in the Reference Guide for more information on how Backup Endpoints are used.	Backup – this endpoint will be in the Backup Services dropdown on the profile page.
	The selection is locked down when saving.
Status Status Online	Online – Storage Endpoint should be available to associate to a Storage Profile and accept BLOBs. (default)
	Offline (Read Only) – A storage endpoint can be configured, but not made available for externalizing content. The BLOBs already on the endpoint are still read only.
Adapter EMCIsilon	Select the adapter for the endpoint that is being created.
enter IP address or host name for the cluster	IP or DNS name chosen at the time the storage solution was provisioned which represents the Isilon access point.
	Single host examples:
	mycluster.company.com
	Or
	192.168.1.42

Setting	Value/Options
Share enter Isilon share name	Enter the Isilon share that will be used to hold content specific to this endpoint.
Directory [enter Isilon share directory (optional)]	If needed, specify the path within the Share listed above.
Port enter the port number	Enter the port number of the Isilon access point.
Use SSL No 🗸	Select whether or not SSL is required to access the Isilon storage.
User enter the username to access Isilon Password enter the password to access Isilon	Enter the connection information for accessing the Isilon storage solution, including domain if necessary.
Retention None Date Format Day(s) Day(s)	If supplied, the Isilon adapter will calculate and supply a retention policy, also known as SmartLock, when saving content. Possible settings are: None [DateFormat] example: Retention=*08/31/2009; [Duration][Interval] example: Retention=5D; [Interval] may be days (D),
Advanced Adapter Settings (Hide) Buffer Size 8192	months (M) or years (Y). Click Show to see the buffer size field. The buffer size field limits the amount of resources used to externalize data to the Isilon
	endpoint.

Setting	Value/Options
Is WORM Device	If the endpoint is on a WORM (Write Once, Read Many) device, Unused BLOB Cleanup will ignore this endpoint.
Folder Content in BLOB Store Yes Folder Scheme YYYY/MM/DD/HH/MM V	No-Externalized content BLOBs are not placed in folders. Ves-Externalized content BLOBs are placed in folders (default). If Folder Content in BLOB Store is Vesthen you can select a date/time folder scheme from the dropdown. YYYY/MM/DD/HH/MM is the default.
Test Storage Settings	The Test Storage Settings button can be used at this point, or after completing the endpoint configuration, to verify that the endpoint is accessible.
Compress Content in BLOB Store No Content is compressed using the GZip/Deflate method.	No – Externalized content BLOBs are not compressed (default). Ves – Externalized content BLOBs are compressed.
Encryption Method for Content in BLOB Store None	None – Encryption will not be applied to externalized BLOBs (default). AES (128 bit) – 128 bit AES encryption will be applied to externalized BLOBs. AES (256 bit) – 256 bit AES encryption will be applied to externalized BLOBs.



Example Storage Endpoint Using Isilon



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 when editing using the Show Connection String option.



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.

Retention Promotion from IMP

If retention settings have been configured in the SharePoint site or library, those retention settings will stay with the BLOB when it goes to the endpoint. To enable this, there is a box on the endpoint screen, when adding the endpoint to the profile. If the profile already exists, with the endpoint added, the feature can still be enabled, but will only be applied to BLOBs created after the feature is enabled.

- 1. Open or create the profile.
- 2. Add the endpoint to the profile.
- 3. On the endpoint screen, at the bottom, will be an option to Enable Retention Promotion from IMP. Check this box.

Retention Promotion from IMP	
This Endpoint is capable promoting retention value from IMP. If you select this option retention will be set according to IMP. This value is applied only when BLOB is created.	☐ Enable Retention Promotion from IMP

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.

About Us

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We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation™.

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Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece — you — to the community, to the new Quest.

Contacting Quest

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Technical Support Resources

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- Sign up for product notifications
- Download software and technical documentation

- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product