ReadMeFirst for IBM StoredIQ 7.6.0.5

IBM StoredIQ 7.6.0.5 is a fix-pack release that focuses on adding support for additional data sources, including Box and Exchange for Office 365, improvements to the Administrator application to improve StoredIQ administration, and improved platform automation.

Read these notes before installing or using IBM StoredIQ 7.6.0.5.

Contents

Features and benefits

Data Sources

Support for copy to Box

IBM StoredIQ supports the use of Box as a target repository. The copy action allows a Box enterprise account to be specified as a copy target for infoset objects and enables IBM StoredIQ users to copy content from SharePoint, CIFS, and NFS data sources to Box. IBM StoredIQ also supports harvesting Box volumes so users know what data and its metadata is stored in the Box enterprise account.

The IBM StoredIQ Box connector does not support actions other than copy to Box at this time. For more information, see *IBM StoredIQ Administrator: Administration Guide*.

Support for Exchange Online

IBM StoredIQ harvests and copies from Office 365's Exchange Online. This allows IBM StoredIQ to assess, identify, and copy Exchange content in both traditional on-premise and Office 365 environments.

For more information, see *IBM StoredIQ Platform Data Server Administration Guide*.

Enhanced support for IBM Content Manager

IBM StoredIQ harvests and copies from IBM Content Manager and leverages the existing support for copying to IBM Content Manager repositories. This more full-featured connector allows for the support of data assessment and clean-up use cases on IBM Content Manager.

For more information, see *IBM StoredIQ Platform Data Server Administration Guide* and *IBM StoredIQ Administrator: Administration Guide.*

Administration

LDAP authentication for the application stack

Lightweight Directory Access Protocol (LDAP) Authentication for IBM StoredIQ enables users to be authenticated by their common LDAP or LDAP-supported authentication systems. IBM StoredIQ users can sign on to the IBM StoredIQ application stack with the same user ID and password used by other LDAP-enabled systems within the enterprise.

For more information, see *IBM StoredIQ Platform Administrator: Administration Guide.*

Automation

Mule-based script support

IBM StoredIQ Policy Manager supports Mule-based policies to automate the identification, management, and governance of data. This functionality alleviates the manual repetition of complex, multiple-step processes by IBM StoredIQ Data Workbench users by condensing this process into a single execution of defined steps.

For more information, see *IBM StoredIQ Platform Administrator: Administration Guide* and *IBM StoredIQ Policy Manager User Guide.*

Reports

CSV Attribute Summary Report

The CSV Attribute Summary Report helps data users understand what attributes are available for an infoset and which stand a better chance of retrieving matches. The CSV Attribute Summary Report provides this information:

- A list of all (sparse) attributes that are set on at least one member object of the infoset
- The number of member objects that have values set for each such sparse attribute.

Using this report, data users can learn the following:

- Amongst the 300+ sparse attributes available in the IBM StoredIQ index, which attributes are actually realized within the infoset. Only these attributes are worth considering for a new filter.
- The upper limit of matches one can expect with each attribute if used in a filter.

The CSV Attribute Summary Report can be combined with the Term Hit Report to help data users prepare and apply multiple test filters.

For more information, see *IBM StoredIQ Data Workbench User Guide.*

7.6.0.5 Fixed Issues

RTC Issue	APAR Issue	Description
6577	IT10216	The `debug_write` function caused the readfile to fail on binary content when the `log_http_request_response` adminknob was enabled. This issue has been resolved.
6836	IT10166	Because of a bad timestamp, IBM StoredIQ reports did not complete properly. This issue has been resolved.
6837	IT09801	A traceback error was generated when the event log download link was selected on the IBM StoredIQ Data Server Administration dashboard. This issue has been resolved.
6870	IT10254	IBM StoredIQ 7.6.0.3 and 7.6.0.4 generated the Java heap space `JAVA.LANG.OUTOFMEMORYERROR` when processing language. This issue has been resolved.
6874	IT10147	If the response bugger was not flushed prior to reusing the connection object after the connection was lost between IBM StoredIQ and SharePoint, SharePoint did not function properly and SharePoint delete was failing. This issue has been resolved.
6901	IT10217	The IBM StoredIQ SharePoint harvest occasionally returned documents with unexpected .CUSTOM extensions. This issue has been resolved.
6990	IT10474	The documentation for IBM StoredIQ Active Directory user configurations has been updated, and the Active Directory option in the Create new user interface on the data server has been removed. These issues have been resolved.
7155	IT10928	Livelink did not handle attribute names with slashes properly. This issue has been resolved.
	IT10617	IBM Fix Central showed that the `FREAK-COS65-IBMSTOREDIQ-LINUXX86_64-FP0000` patch contained files with version 7.6.0.3 in the file names. This has been corrected to add 7.6.0.4.
7436	IT10021	Documentum can now be added as a volume on IBM StoredIQ Data Server as users can create the necessary client.

7.6.0.5 Known Issues

RTC Issue	APAR Issue	Description
3105		The step-up full-text action might fail for infosets that contain MHTs and members or attachments. (This was previously tracked as PL-1902.)
3117/7253	IT11105	The data server's dashboard did not show correct values for **Total Bytes Processed** and **Harvest** statistics. This issue has been partially resolved. Processing statistics now display on the dashboard; however, object-size statistics do not.
2719		ICI reports strange metadata values for documents with multiple versions. (This was previously tracked as PL-1433.)
3047		Exceptions occur during harvest for some container files (.ZIP/.TAR). This is likely due to version changes in the OutSideIN package. (This was previously tracked as PL-1841.)
3075	IT07608	Files contained in .GZ containers do not extract when a copy action is applied.
3075	IT07613	The IBM StoredIQ Exception tab and Copy Action report do not show exceptions for members of .GZ archives. (This was previously tracked as PL-1874.)
3106		The Discover Harvest on Retention incorrectly names objects copied from archives. (This was previously tracked as PL-1903.)
6386		For SharePoint volumes, document library names that contain & are not correct on SharePoint 2013 targets.
6651		If no results are returned when previewing an infoset, a search error may have occurred.
6659		Copy to IBM Content Manager using the CMIS connector fails. The workaround for this issue is to use the native IBM Content Manager connector.
6682		Removing multiple volumes immediately might result in the error "Error: Unable to remove volume." The workaround is to allow time between volume deletion.
6687		Errors may occur when copying posts from SharePoint to FileNet.
6913	IT10724	For CIFS volumes, volume definitions fail when the volume name or subdirectories contain special characters.
6913	IT08054	During volume creation, IBM StoredIQ does not support the usage of special characters such as / and &.
7139		For Exchange Online volumes, the full-text index is incomplete when it is created using a full-text step-up action.
7175		For SharePoint volumes, copying a discussion thread leads to unbounded recursion in the conversion walker and .MHT roll up.
7444		SharePoint entity values are not truncated to meet Postgres limits, which causes loads to fail.

Tech Notes

Viewing IBM StoredIQ technical documentation

The following documents are available in the IBM StoredIQ Platform product library.

- *IBM StoredIQ Platform Deployment and Configuration Guide*, SC27-6386
- *IBM StoredIQ Platform Overview Guide*, GC27-6398
- *IBM StoredIQ Platform Data Server Administration Guide*, SC27-5692
- *IBM StoredIQ Administrator Administration Guide*, SC27-5688
- *IBM StoredIQ Data Workbench User Guide*, SC27-5691
- *IBM StoredIQ eDiscovery User Guide*, SC27-5693
- *IBM StoredIQ Policy Manager User Guide*, SC27-5694
- *IBM StoredIQ Data Script User Guide*, SC27-5690

IBM posts product publications when the product is released and when the publications are updated at the following locations:

- **IBM Knowledge Center**—The IBM StoredIQ publications can be found on IBM Knowledge Center.
- IBM Publication Center—The IBM Publication Center site offers customized search functions to help you find all the IBM publications you need.

Contacting IBM StoredIQ Customer Support

- To contact IBM StoredIQ Customer Support by phone, dial 1-800-IBM-SERV.
- To access the IBM support portal, go to http://www.ibm.com/software/ecm/storediq/support/.

Internet Explorer 9

For those using Internet Explorer 9, when viewing exception objects fonts might not appear properly.

Upgrades

Upgrades from 7.6.0.4 to 7.6.0.5 are supported. Upgrade instructions are in the *IBM StoredIQ Deployment and Configuration Guide*. If you are upgrading from a release earlier than 7.6.0.4, upgrade to 7.6.0.4 before upgrading to 7.6.0.5.

Application stack upgrades from 7.6.0.2 to 7.6.0.4

For application stack upgrades from 7.6.0.2 to 7.6.0.4, the following steps must be done before the upgrade:

1. Update the gateway and open port 80.
2. Log in as root using PuTTY and run the following commands:
   ```
   a. wget
      http://<gatewayIP>/products/appstack/centos65/7.6.0.4+38/siq-
      appstack-1.1.15+81-1.x86_64.rpm
   b. rpm -Uvh siq-appstack-1.1.15+81-1.x86_64.rpm
   ```
3. Proceed with the normal application stack upgrade process.

Gateway upgrades from 7.6.0.2 to 7.6.0.4

When updating the gateway from 7.6.0.2 to 7.6.0.4, run this command: `sed -i '/^icc/d' /etc/deepfile/package_excludes` and then proceed with the normal upgrade process.

Gateway and Data Server Upgrades from 7.6.0.3 to 7.6.0.4

For DVD and ISO upgrades from 7.6.0.3 to 7.6.0.4, the following steps must be done before the upgrade of the gateway and data servers:

1. Copy the 7.6.0.4 upgrade ISO into the `tmp` directory on the gateway and data servers.
2. Log in as root using PuTTY.
3. Create mount point by running `mkdir /mnt/cdrom`
4. On the data server and gateway that are being updated, mount the update ISO: `mount -o loop /tmp/7_6_0_4-STOREDIQ-38-upgrade.iso /mnt/cdrom`
5. Upgrade the updater package: `rpm -Uvh /mnt/cdrom/storediq-appliance-updater*.rpm`
6. Unmount ISO: `umount /mnt/cdrom`
7. When upgrading the gateway, run this command but do not run on the data servers: `sed -i '/^icc/d' /etc/deepfile/package_excludes`
8. Proceed with the gateway and data server upgrade process.

Migrating from 7.5.0 to a later release

When migrating from IBM StoredIQ 7.5.0 to a later release, consult the *IBM StoredIQ Deployment and Configuration Guide*.

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