Metalogix Sensitive Content Manager 2.2.2

Release Notes

June 2022

These release notes provide information about the Metalogix Sensitive Content Manager 2.2.2 release. Metalogix Sensitive Content Manager uses a micro-service architecture and can be integrated with Microsoft SharePoint, Metalogix ControlPoint and Metalogix Essentials.

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About Metalogix Sensitive Content Manager 2.2.2

Metalogix Sensitive Content Manager (SCM) provides a reliable, accurate and flexible solution for detecting sensitive information within enterprise content management systems. SCM ships with pre-built analysis profiles such as General Data Protection Regulation (GDPR), Personally Identifiable Information (PII), Protected Health Information (PHI), Payment Card Information (PCI) in addition to the detection capabilities with customizable analysis profiles.

New features

This version of Metalogix Sensitive Content Manager introduces the following features and improvements:

Installer

- Added support for Windows Server 2022.

- Removed support for Windows Server 2012 and Windows Server 2012 R2.

- Improved validation for certificates, hostnames, and FQDN.

- Improved start-up time for services after installation.

- Added the ability to use certificates owned by customers for SCM Web services, SCM Cluster, and Rabbit MQ Server communications.

- Added the ability to deploy SCM web services to a location other than the operating system's root drive.

Administration Center

- Users can exclude selected folders from a scan location.

- Improved error reporting where users can filter report detail entries by pending and warning status.

- Improved error reporting where users can see reasons for unsuccessful, warnings, or skipped files.

- *Out of resource* alert messages are now displayed in the Notification Panel.

- Added the ability to re-submit or clear messages in the dead-letter queue.

- Added auto-refresh and improved Work In Progress Activity screens.

- You can download system logs from the log view page.

General

- Improved scalability for Active Directory forests with global catalogs spread across multiple geographical segments.

- Improved resiliency and performance for service bus messaging.

- Improved resiliency for the Admin Service.

Resolved issues

The following is a list of issues addressed in this release.

Description	Work Item	Case No.
SCM causes Chrome to crash with an *Out of memory* error when running a large scan and leaving the browser window open for a long period of time.	315221	

Known issues

The following is a list of issues, including those issues attributed to third-party products, known to exist at the time of release.

Description	Reference No.
The SCM Document Routing Service (DRS) fails with the message: *Could not find file in FileStorage* when you submit a zip file which contains a duplicate filename within its folder hierarchy and a DRS restart occurs while processing the zip file contents.	162998
installer.log file is not created when the installer is launched automatically after a restart due to a .NET framework installation.	181442
Exception log messages distort the Logs screen after expanding and then refreshing the page.	171761
Special characters in destination or file storage folder name will cause the installation to fail.	178114
License re-validation message for an expired license is not displayed.	178733
Exception logs are not shown completely when expanded for long messages in Internet Explorer.	174158
Rollback is not triggered when hostname on the IIS Information screen has special characters in it.	182299
IIS Firewall rules are not regenerated when you run the installer to repair or upgrade.	182391

Description	Reference No.
Rabbit configuration details (PEM file, Rabbit certificate, etc.) are not regenerated when repairing SCM. **Workaround**: uninstall and reinstall SCM.	189372
A non local-admin service account user is not able to clear registry during installation but logs a confusing message in the log file: *License details collected from the installer could not be committed to the service connection point*. **Workaround**: Assign local admin rights to the service account.	193359
Restarting the VM or ending the installer process in the middle of an installation causes failures when attempting to re-install. **Workaround**: Run the [Microsoft install and uninstall](#) tool to repair the installation.	201042
Some logs entries appear with incorrect TimeStamp while the system gradually upgrades the different services from 2.0 to 2.1	208702
SCM 2.0 - The Administration Center UI prompts for user credentials 3 times on Windows 2016 and IE v11.3808 **Workaround**: Use Chrome or Edge browser, or add the site to the intranet zone .	209320
SCM Installer fails if IIS Express 8 is installed on the target server. **Workaround**: Uninstall IIS Express and try again.	209737
Administration Center UI in both Chrome and Firefox shows incorrect time if auto adjust for DST is disabled.	209815
Some characters that can be considered as delimiters or separators affect keyword detection and may result in false positive search term detections in Excel and CSV files.	238599
A Search term with a semicolon in its title is incorrectly separated with a space on the Report Details screen.	240879
When new SCM node is installed, the services Log Level in *appsettings.json* file is reset to the default value of *Warning* regardless of the Log Level setting in the main node.	243102
If old versions of RabbitMQ and Erlang are present on the system then upgrading to version 2.2.1 may cause the RabbitMQ folder to be created incorrectly under the %APPDATA% path.	303910

Description	Reference No.
Workaround: Ensure the old versions of RabbitMQ and Erlang are uninstalled completely or relocate the RabbitMQ data folder via the support tool scripts before attempting the installation again.	
Search terms are not detected in Microsoft Word documents with headers formatted with multiple columns	313628
The message *The RabbitMQ Server path does not exist in Program Files* appears if you attempt to install SCM on a system where Erlang 24 is present but not RabbitMQ. **Workaround**: Uninstall Erlang 24 before attempting to install SCM again.	315380
On a Windows Server 2016 environment the upgrade from SCM 2.2 to 2.2.1 may fail on deploying Analysis Service when a user initially installs SCM 2.2 and a different user upgrades to SCM 2.2.1 or later. **Workaround**: Either install with the same original user or remove SCM and re-install cleanly again.	316963
Existing (SCM 2.2 and 2.2.1) report overview analyzed and unsuccessful counts will temporarily show incorrectly when SCM is upgraded to 2.2.2. New scans will show the counts correctly.	324785
A recently added user to the Administration Center security group will get an *unauthorized* error message if the user attempts to logon immediately after being added to the group **Workaround**: Either recycle the Admin service application pool or Restart IIS.	352267
Any 8- or 11-character words with a valid country code in the 5th and 6th characters are incorrectly detected as valid Swift Codes.	404774
A service-only server cannot be repaired if the primary SCM server has been configured to run its services using the Local System account and the service-only server account does not have proper permissions on the SCP.	423164

Version History

Resolved issues from previous versions are listed below.

Version 2.2.1

The following is a list of issues addressed in this release.

Description	Work Item
The SQL Server Low Disk space message is not displayed by the installer if the master database is deployed on a drive other than the configured SQLDATA and SQLBACKUP drives in SQL Server.	240544
If a user (User A) installs SCM and a different user (User B) attempts to repair or upgrade SCM later, the operation will fail. You can log in as User A to repair or upgrade SCM, or contact your Quest sales representative to relocate the RabbitMQ base folder with a migration script and then attempt the upgrade or repair.	186256
When using IE11 to open the Administration Center the unauthorized access page appears instead of the authentication dialog page.	242692
The installation fails intermittently on Windows Server 2012 R2 with the error 'Subquestion service deployment failed with Error: Access to path erlang.cookie is denied'.	229382
A scan stays in 'Canceling' state if it is canceled again from a separate browser window.	212311

Version 2.2

The following is a list of issues addressed in this release.

Description	Work Item
A 200 MB Excel file cannot be processed by the Analysis service. Excel files up to 500 MB can be processed successfully on a server with 32 GB RAM and 8 cores.	198436

Version 2.1.1

The following is a list of issues addressed in this release.

Description	Work Item
When creating a new report, the "Select Profile" step shows a required field error incorrectly when a valid folder path is entered immediately after an incorrect folder path was entered.	208561
User must click on the browser refresh button after removing the last scan report from the active report list.	228352
If there are no scans in the active report list and a scan is submitted with a PowerShell script, then the scan record does not appear in the list.	228353
If you enter an underscore (_) or percent (%) symbol in either the Parent File Path or File Name filter fields in the Download Report Details popup, then all scan records are downloaded.	225089
The Activity Logs display an incorrect message when the profile is deleted after the analysis has started.	214159
Logs are exported successfully but an error message is written to the log.	230377
An OutOfMemory exception occurs when scanning a large workload with verbose logging mode ON.	230399
The filter criteria in the Download Report Details popup does not perform an exact match for search terms.	224648
Duplicate log entries are written when a scan is canceled.	224855
Invalid credit card data containing commas gets detected as valid LUHN 10 for Excel and CSV	226639
The scan detail screen takes more than 10 seconds to load for a small scan report.	228321
Duplicate log entries written when a scan is deleted.	228814

Version 2.1

The following is a list of issues addressed in this release.

Description	Work Item
Decimal numbers were incorrectly detected as LUHN10, Credit card numbers, NHS Number and US National Provider ID	222137 114412

Version 2.0

The following is a list of issues addressed in this release.

Description	Work Item
Installer could not be executed on a Windows Domain Controller.	423267
Installer did not populate the Service identity User when the installation server is joined to a child domain, but the service identity user is selected from a Parent domain.	423784
SCM Administration Center did not render correctly if during installation you specified a security group from a parent domain, but the IIS server resides in a child domain.	423790
In Repair mode, the Browse button for Domain Account was incorrectly enabled in the Service Account Credentials step.	424570

System Requirements

The table below lists the minimum system requirements to install and use the SCM.

Component Type	Component		
Hardware	**Type**	**SCM Server**	**SCM Node**
	CPU	8 CPU Cores	4 CPU Cores
	RAM	32 GB RAM	12 - 16 GB RAM (2 - 3 GB per core)
	HDD free space	500 GB*	100 GB*
	* The minimum space required is double the size of the physical RAM of the server where the temporary files are loaded.		
Operating System	Windows Server 2012, 2012 R2, 2016 or 2019		
Database	SQL Server 2016 or greater.		
Software components	• Microsoft .NET Framework 4.7.1 or later • Microsoft .NET Core Hosting 3.1 and 6.0 (x64) • Microsoft .NET Core Runtime 3.1 and 6.0 • Microsoft Visual C++ 2013 (x64) Redistributable • Microsoft Visual C++ 2015 (x64) Redistributable • Microsoft Visual C++ 2015-2019 (x64) Redistributable		
Service Bus	RabbitMQ 3.8.17 with Erlang 24.0 (64-bit)		
Browser	• Google Chrome® (latest version recommended) • Mozilla Firefox® (latest version recommended) • Microsoft Internet Explorer 11®		

Notes and Notices

General

Excel files up to 500 MB can be processed successfully on a server with 32 GB RAM and 8 cores.

Upgrade

If you want to retain your SCM database, you must also retain the same database name. A full database backup before the upgrade is strongly recommended. If you wish to discard the previous database, you can install a new database with this version of the Metalogix Sensitive Content Manager Installation Wizard.

Metalogix Sensitive Content Manager can be uninstalled like any other windows program from *Control Panel > All Control Panel Items > Programs and Features*.

Product Licensing

About the trial License

- When you register and download a trial version of the Metalogix Sensitive Content Manager, the trial license key is specified in the email that is sent to you.

- When you activate the trial license, it appears on the *License Information* page.

- It is valid for 30 days (date of license issue + 29 more days).

- The Type indicates *Trial*.

- You can try all the features that are available.

- The Analysis service and the File Upload service will stop functioning after 30 days.

Steps to activate your license with the installer

1. Download and unzip the install media files to a suitable folder.

2. Click the windows installer file **Metalogix Sensitive Content Manager.exe**.

3. Follow the installation instructions described in the *Metalogix Sensitive Content Manager Installation Guide* until the *Product Licensing* window appears.

4. Enter your license key in the **License Key** field.

5. Select **Activate Online**.

6. Click **Activate License**. If the license key is valid, a confirmation message appears.

For information about offline license activation see the *Metalogix Sensitive Content Manager Installation Guide*.

Steps to activate your license from the SCM Administration Center

1. Log in in to the SCM Administration Center and click **License** from the navigation bar. The *License Information* page appears.

2. Enter you license key in the **License Key** field.

3. Click **Activate Online.** If the license key is valid, a confirmation message appears.

4. Refresh the page to access the licensed features.

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