RedPoint Data Management Release Notes
Version 8.0.3

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Prerequisites and requirements

This release of RedPoint Data Management offers the following features and improvements. Before installing it, you should be aware of some prerequisites and requirements:

- *You must have the Java Runtime Environment (JRE) Version 8 (64-bit) installed on your server machines to run RedPoint Data Management Version 8.* If you have an older version of the Java JRE installed, visit http://www.oracle.com/technetwork/java/javase/downloads/jre8-downloads-2133155.html to upgrade.

- If you are installing the Data Management client on a different machine than the Data Management services, you may need to open the firewall ports associated with those processes so that the client can access the services. Data Management Version 8 uses different port numbers than previous versions, so that you can continue to run multiple versions side-by-side.

Process	Default ports
Site Server	20410
Execution Server	20411-20416
Web Proxy Server	20417

    If any ports in the range 20410-20417 are already in use, you can change these defaults during installation:

    ➔ Click **Show advanced site server settings**, and specify an available **Base Port**. (To review a list of active connections, press the Windows logo key + R and then type `cmd`. Type `netstat -a -n` at the command line.)

- If you are upgrading from Data Management Version 7.x, you will be given the option to migrate the repository to Version 8.0. *Note that previously-defined connections to Hadoop clusters cannot be migrated, and must be defined again.*

- If you are upgrading from Data Management Version 7.x and choose to migrate the repository to Version 8.0, both versions will use the same folder for temporary disk space. This can cause problems if you run both versions at the same time. To prevent this, change the temp space path to a different folder:

    1. In the Data Management client, browse to **Repository** > **Settings** > **Site**, and click the **Resources** tab.

    2. Edit each entry under **Temp Spaces** to ensure that Version 8 of Data Management is using a different **Path** than Version 7.

3. Click **Commit**.

4. Restart the Data Management services.

Features

Address Doctor updates

- Address Doctor Global Address tool has been updated to the current libraries.

- Added country-specific enrichment options.

- Added country-specific certified mode.

- Added optional arrival point geocoding.

New StrictScanDateTime() function

- The function ScanDateTime() uses the older "Joda-Time" date and time library, while the new StrictScanDateTime() function uses the Java SE 8 library, with stricter `null` handling and other improvements. *Note that StrictScanDateTime() uses a different format syntax than ScanDateTime(); review the documentation before using.*

Fixes

This release of RedPoint Data Management addresses the following issues:

Input/Output tools

- JSON Output tool could produce multiple documents even when **Multi-doc mode** parameter was set to **Document per line**.

- JSON Output tool used in a web service could fail to link child records.

- JSON Output tool used in a web service could return multiple copies of the same record.

- CSV Input tool's Analyzer could deadlock when cancelled.

Other tools and macros

- Data grids in tool Properties could not be scrolled or selected in read-only projects.

- Name Parser macro could incorrectly tokenize full-name fields containing two names.

- Name Parser macro could incorrectly tokenize names consisting of only initials.

- AO Consumer Match macro's **Fix reversed first/last** option did not handle hyphenated last names correctly.

- AO Consumer Match Hierarchical macro's **Order** selection for **Tiebreaker fields** was not persistent.

- Active Reports generation could cause Data Management client lock-up.

Project parameters

- Project parameters **Text (single line)** and **Text (multiple lines)** control types did not handle Unicode values correctly.

- Project parameters **Browse** control type did not retain user-defined default value.

- Project parameter edits were not automatically committed when user switched projects.

Automations

- Schemas stored in repository subfolders were not recognized by Detect Format and Reader automation steps.

Hadoop

- Project run on secure MapR cluster could fail with `Token cannot be renewed` error if the project paused too long before launching parallel section.

- YARN queue overrides defined in Hadoop Advanced Settings were not persistent.

- Generated Crosstab Reports could not be saved to HDFS.

General

- Data Management client could respond slowly or deadlock when Message Viewer loaded many messages.

- Repository did not allow deletion of **Machines** defined under **Site Settings**.

- Data Management client-only installer created incorrect desktop shortcut.