

Saperion

Release Notes

Version: Foundation EP5

Written by: Documentation Team, R&D
Date: August 2021

Copyright

Information in this document is subject to change without notice. The software described in this document is furnished only under a separate license agreement and may be used or copied only according to the terms of such agreement. It is against the law to copy the software except as specifically allowed in the license agreement. This document or accompanying materials contains certain information which is confidential information of Hyland Software, Inc. and its affiliates, and which is subject to the confidentiality provisions agreed to by you.

All data, names, and formats used in this document's examples are fictitious unless noted otherwise. Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright law, no part of this document may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Hyland Software, Inc. or one of its affiliates.

Hyland®, Hyland Software®, Hyland Healthcare, and Hyland product names are registered and/or unregistered trademarks of Hyland Software, Inc. and its affiliates in the United States and other countries. All other trademarks, service marks, trade names and products of other companies are the property of their respective owners.

© 2021 Hyland Software, Inc. and its affiliates. All rights reserved.

Table of Contents

| | |
|--|----------|
| Overview | 4 |
| Saperion Foundation EP5 Release [<i>July, 2021</i>] | 4 |

Overview

This guide contains information about product enhancements and updates in the Saperion Foundation EP5 product. Product enhancements list additional functionality available for your system. Updates list known corrections to your Saperion Foundation EP5 system.

Saperion Foundation EP5 Release [*July, 2021*]

This release includes the following version.

- Saperion Foundation EP5

Product enhancements

This release provides the following product enhancements.

Installer

- Saperion can now be installed even if .Net 2.0 or .Net 3.5 is not preinstalled. (SE-2618)

ECM Services

- Improved the REST API documentation that now includes best practice with example code for the native REST API, JAVA, and C# SDKs. (SE-2250)
- Saperion ISO now includes sample codes of ECMS JAVA SDK. (SE-2877, SE-2854)

User Management

- Rich Client SSO can now be configured to work with Azure AD. (SE-2464)
- Introduced a new formula element to identify the effective groups of a logged in user. (SE-2812)

Web Client

- Documents can now be checked out and checked in to ShareBase from Web Client. (SE-2282)
- The scope of OpenId authentication request is now expandable. (SE-2499)
- Improved the security of Hyland Viewer. (SE-2567)
- Moved the thumbnail viewer and toolbar settings control in Hyland Viewer from the left pane to the toolbar in the lower control for better user experience. (SE-2639)
- Text, arrow, and highlight annotations can now be edited in Hyland Viewer. (SE-2755, SE-2596, SE-2750, SE-2777)

Core Server

- Introduced email integration with Microsoft Office 365 using SMTP. (SE-2632)
- You can now control which clipld is restored to media database during Centera Bare Metal recovery if duplicate document ids for XHDOC exist in the system. (SE-2649)

- Upgraded some libraries to mitigate known security vulnerabilities. (SE-2695)

Core Server

- Added Retention support to the S3 storage plugin. (SE-1072)

IXOS

- IXOS connector now makes multiple attempts to load large files on failure at first attempt. (SE-2832)

C# SDK

- Created a configuration parameter in C# SDK to use RSA algorithm for bearer token. (SE-2921)

Updates

This patch includes the following updates.

ECM Services

- Resolved an issue where the ECM services failed to start from Tomcat 9. (SE-2660)
- Resolved an issue where the error codes displayed by the ECM Service APIs in certain situations were not appropriate. (SE-2704)
- Resolved a performance issue where multiple requests to the ECM service resulted in a denial of service. (SE-2924)

User Management

- Resolved an issue where deleted organizational units were visible until the Java Core Server was restarted and using the name of a deleted organizational unit to create a new one displayed an error. (SE-496)

Rich Client

- Resolved an issue where Rich Client, after a restart, failed to connect to the secondary Java Core Server, when the primary Java Core Server was not available. (SE-904)
- Resolved an issue where the document viewer could not be closed after a multipage TIFF document was edited. (SE-1249)
- Resolved an issue where a document was checked out for editing when the value of the eventHandler function was set to FALSE. (SE-1824)
- Resolved inconsistencies in Records Management in Rich Client and Web Client. (SE-2383)
- Resolved an issue where an exception in the ClassText.GetText() method caused memory leak. (SE-2519)
- Resolved an issue where enabling thumbnail view in the viewer window with many JPEG files in a structure caused performance issues while performing specific operations, such as resizing the viewer, switching between ribbon groups, and resizing the thumbnail pane. (SE-2694)

- Resolved an issue where only the first document could be attached to an email from the structure window of the Rich Client viewer. Though the other documents of the structure appeared to be attached, they could not be opened from the attachment. The issue only occurred when the documents were automatically prerendered. (SE-2706)
- Resolved an issue where an administrator failed to discard a document checked out by another user. (SE-2763)
- Resolved an issue where an SDL file, which was linked to a single eFile document, could not be opened. (SE-2769)
- Resolved an issue where some PDF documents were displayed half in the Rich Client when using the multi format viewer. (SE-2799)
- Resolved an issue in the workflow's organizational unit assignment where an incorrect subordinate organizational unit was assigned to a workflow task as the workflow receiver was addressed by an organizational unit at a higher level. (SE-2810)
- Resolved an issue where opening different DLO TIFF documents from the substructure result list displayed the same document in the viewer. (SE-2889)

Web Client

- Resolved an issue where an exception was added to the Java Core Server log file when the language of Web Client was changed to Spanish (ES) or Turkish (TR). (SE-694)
- Resolved SSO issues in Web Client by upgrading some libraries. (SE-776)
- Resolved an issue where logging in to Classic Connector using OpenId Connect failed after the previous Classic Connector instance expired. (SE-1890)
- Resolved an issue where an exception occurred while creating a shareLink after the document was uploaded to ShareBase from Web Client. (SE-2098)
- Resolved an issue where user's private navigation elements were not created if the user only used Web Client to log in to Saperion. (SE-2123)
- Resolved an issue where editing annotations was not possible on PNG, BMP, and JPG files when black marker was used in the document. (SE-2176)
- Resolved an issue where the "blackmarker" annotation stopped working in Web Client because of Snowbound caching. (SE-2473)
- Resolved an issue where annotations in MS Office documents were not visible in the Web Client viewer. (SE-2520)
- Resolved an issue where cancelling an index mask for a document resulted in a system error. (SE-2533)
- Resolved an issue where the search functionality in portal.zul failed to identify multi-value fields. (SE-2619)
- Resolved an issue where the Web Client viewer failed to display the first element of the structure when the value of the "MaxViewSize" parameter was set to "0" in webclient.properties. (SE-2698, SE-2758)
- Resolved a security issue while logging in to Web Client using SAML and OpenId. (SE-2701)
- Resolved an issue where the user session (license) remained open at the Java Core Server even after the SAP Web Viewer tab or the browser was closed. (SE-2922)

- Resolved an issue where Web Client failed to authenticate users while using SSO and ACL if the "Fullname" of the user included umlauts. (SE-2925)

Core Server

- Resolved an issue where the "SQL MediaDB" column was missing in the "Migrated Media" section of the MMC administration console. (SE-2511)
- Resolved an issue where writing on a write-protected SQL media database, on an active-active server, was possible using the secondary core server when the primary core server obeyed the permission settings. (SE-2517)
- Resolved an issue where Java Core Server failed to create the datasourceconfiguration.xml file after the installation when Oracle Database was used. (SE-2608)
- Resolved an issue when failure to write into INI files was not logged. (SE-2617)
- Resolved an issue where stamps of WMF format were not visible if the stamp directory was inaccessible. (SE-2648)
- Resolved an issue where the FileText functionality failed to work for CSV files. (SE-2696)
- Resolved an issue where documents could not be archived because the current media changed to write-protected and a follow-up media was not created. (SE-2742)
- Resolved an issue where modifying an ACL reset the "SysIndexState" of related documents. (SE-2770)
- Resolved an issue where the "Client" parameter of archie32.exe did not work when the client name was a number. (SE-2820)
- Resolved an issue where the legacy server did not work with HTTP and TLS. (SE-2844)
- Resolved an issue where an MMC, which was opened using Saperion SnapIns while HTTP RPC was active, could not connect to the legacy server or RLink server. (SE-2845)
- Resolved an issue where a new media plugin could not be created in the MMC when HTTP RPC was active. (SE-2850)
- Resolved an issue where some purged documents could not be copied to the mirror medium in the failover server. (SE-2874)
- Resolved an issue where the switch name for TLSRPC in the program.init file on the installation medium was wrongly mentioned as HTTPTLS. (SE-2916)
- Resolved an issue where the legacy server failed to connect with Java Core Server when a secure HTTP connection was used over RPC. (SE-2947)

Classic Connector

- Resolved an issue where the setting "AllowDuplicates=FALSE" in the archief.ini file failed to prevent duplicate documents from archiving. The issue occurred when the "SYSINDEXSTATE" field was used in the DDC. (SE-1312)
- Resolved an issue where the "UpdateLookupEntry" function converted values with "bigdecimal" datatype to integer. The issue occurred when the values were in columns with Saperion "float" or "currency" datatype. (SE-2406)

- Resolved an issue where the values of extended schema properties, which included German umlauts, appeared incorrectly in the String schema fields. (SE-2762)
- Resolved an issue where deleting a document using Classic Connector with delete mode as 1 or 2 did not log the transaction in the audit table. (SE-2919)

RLink

- Resolved an issue where certificate in the RLink MMC could not be activated in the first attempt. (SE-840)
- Resolved an issue where an HTTP 404 error page appeared while opening a document from SER storage using RLink. (SE-2595)
- Resolved a security vulnerability by removing few library files from the RLink installation. (SE-2609)
- Resolved an issue where documents could not be retrieved using ArchiveLink when a secure HTTP connection was configured using RPC. (SE-2842)

Storage

- Resolved an issue where relocated objects or objects on migrated SQL media could not be loaded. (SE-2524)
- Resolved an issue where documents could not be loaded in the first attempt using the ICM Storage Plugin. (SE-2589)
- Resolved an issue where an invalid header file in the media directory folder resulted in a denial of service. (SE-2764)
- Resolved an issue where configuring your S3 compatible storage URL did not work. (SE-2838)

Plugins

- Resolved an issue where media scan (Scan Object Headers and Scan Complete Objects) in MMC failed to work for plugins when the plugin name was changed. (SE-961)
- Resolved an issue in a dual write media where executing a reverify on the MMC deleted the object from the write buffer before the data was written in the second media, but was written correctly in the first plugin media. (SE-2575)

COM API

- Resolved an issue where executing the application.savefolder function to save an eFile extracted the wrong content. (SE-2133)
- Resolved an issue where the document.purge method of COM API always responded with a FALSE value even if the functions worked correctly. (SE-2497)

IXOS Service

- Resolved an issue where IXOS service did not work with JAVA 11. (SE-2538)

SAP ILM

- Resolved a security vulnerability that occurred while logging in to SAP ILM. (SE-2846)

C# SDK

- Resolved an issue where the error message, "An item with the same key has already been added", appeared while running program through multiple threads in C# SDK. (SE-2217)
- Resolved an issue where C# SDK failed to assign licenses to clients correctly. (SE-2819)
- Resolved an issue where the lookup entry could not be updated. (SE-2866)