

# Saperion

## Release Notes

Version: Foundation EP4

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## Overview

This guide contains information about product enhancements and updates in the Saperion Foundation EP4 product. Product enhancements list additional functionality available for your system. Updates list known corrections to your Saperion Foundation EP4 system.

## Saperion Foundation EP4 Release [*January, 2021*]

This release includes the following version.

- Saperion Foundation EP4

### Product enhancements

This release provides the following product enhancements.

#### Installer

- Hyland skin is now set as the default skin for new installations. (SE-2018)

#### 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-1698, SE-1699, SE-1700, SE-1701)
- Introduced a REST API that enables sharing of Saperion documents with ShareBase. (SE-2153)
- The authentication of Hyland Rendering and Conversion Service (HyRCS) now uses the Request Signing and Verification process. (SE-2224)

#### Hyland Rendering and Conversion Service

- The Saperion distributable now includes the installer for Hyland Rendering and Conversion Service (HyRCS) and its Windows package. (SE-2513)

#### Rich Client

- AzureAD users can now log in to Saperion Rich Client using their AzureAD login credentials. (SE-2464)

#### Web Client

- Doc Filters is updated to version 11.4.20. (SE-2343)
- Included some security improvements in Web Client. (SE-2356)
- Introduced a setting in the webclient.properties for handling active user sessions. (SE-2362)
- Hyland Viewer can now display the highlight, arrow, and text annotations. (SE-1800, SE-2404, SE-2450)
- Updated the Hyland UI package in Hyland Viewer to version 2.12. (SE-2476)
- Updated the Snowbound Viewer to version 5.6. (SE-2477)

## Integration Server

- Integration Server is now compatible with Java 11. (SE-860)
- Upgraded the Wildfly version to 21.0.0.Final. (SE-2367)

## Storage

- Added Retention support to the S3 storage plugin. (SE-2436)

## LDAP

- LDAP sync tool now supports Organizational Units. (SE-2380)

## C# SDK

- Enhanced the security of C# SDK by signing the Dll of the SDK with a strong name. (SE-2270)
- C# SDK now supports impersonation. (SE-2378)
- Improved error reporting in C# SDK. (SE-2454)

## Updates

This patch includes the following updates.

## Installer

- Resolved an issue where silent installation of Saperion ECM did not get registered correctly in windows 10. (SE-1230)
- Resolved an issue where the discontinued features, Authentidate and Secrypt, were not removed from the Saperion 32-bit installer. (SE-2470)

## ECM Services

- Resolved an issue where the ECM service stopped working due to conflicting JAR files. (SE-2273)
- Resolved an issue where LDAP login failed when ldap.base.dn did not include the OU. (SE-2441)
- Resolved an issue where the impersonation feature was not working for LDAP synced technical user. (SE-2472)
- Resolved an issue where authentication using Bearer schema failed while impersonating a user with different displayName and fullName. (SE-2490)

## Rich Client

- Resolved an issue where following a specific sequence of steps to open the eFile created empty entries in the eFile navigation. (SE-2194)
- Resolved an issue where the deleted check box was missing in user management in the Lithuanian language pack. (SE-2286)

- Resolved an issue where pressing F1 from the Rich Client in German language did not populate the online help. (SE-2342)
- Resolved an issue where a LDAP synchronized user, who was locked by the administrator, could log in to Rich Client using the current user credentials. (SE-2428)
- Resolved an issue where documents could not be saved from the structure window when rendering was active. (SE-2444)
- Resolved an issue where COLD documents and scanned pages could not be saved from the result list in Rich Client. (SE-2448)
- Resolved an issue where document could not be sent through email from Rich Client or using MAPI when a 64 bit version of Microsoft Outlook was installed. (SE-2466)

## Web Client

- Resolved an issue where an error was displayed in Webclient while attempting to open an archived document from a folder. (SE-981)
- Resolved an issue where the login processed through OpenId provider created multiple sessions from a single login.. (SE-2266)
- Resolved an issue where the multi-search failed for integer lookup field. (SE-2361)
- Resolved an issue where the "Print documents as PDF files" option in the shortcut menu did not appear by default. (SE-2366)
- Resolved an issue where the Web Client failed to display single page TIFF documents from within the substructure. (SE-2407)
- Resolved an issue where only the first document of a structured document could be viewed in the pop-up window. (SE-2443)

## Core Server

- Resolved an issue where the error log for the getcontentdata failure did not provide any specific information. (SE-632)
- Resolved an issue where the memory in JavaCoreServer continued to increase when workflow was executed on Legacy Server. (SE-1579)
- Resolved an issue where Mediascan displayed an error while scanning objects that include a relocation ID. (SE-1799)
- Resolved an issue where the Task.executeDelegate() failed to execute when the SYSACLUSERLIST in the XDFFOCVECTOR DDC is enabled. (SE-2124)
- Resolved an issue of sporadic login failure in trusted applications by deactivating the trusted applications if client.properties file is not available. (SE-2155)
- Resolved an issue where a sequence table was created for all clients though it was a tenant specific definition. (SE-2344)
- Resolved an intermitant issue where attempt to log in to Saperion using Classic Connector failed. (SE-2354)
- Resolved an issue where an error message was added to the corelog file when the "CheckAcls" parameter was set to TRUE in the importer.properties file. (SE-2417)

- Resolved Java deserialization vulnerabilities caused by some third-party libraries. (SE-2442)
- Resolved an issue where the integrated login failed after MS SQL JDBC library was updated. (SE-2488)

## Integration Server

- Resolved an issue where Integration Server failed to start correctly when Oracle database was used. (SE-2280)

## Classic Connector

- Resolved an issue where an error was added to the SAPERION\_Core.log file after the cloneDocument script executed successfully. (SE-2372)
- Resolved a performance issue while executing the ExecuteStoredProcedure operation in Classic Connector. (SE-2399)

## Rlink

- Resolved an intermittent issue where Rlink delivered error code HTTP 200 instead of HTTP 500 to SAP. (SE-863)
- Resolved an issue where the memory could not be released after an error occurred. (SE-2348)
- Resolved an issue where archiving a document in RLink failed when multipart request was sent with additional properties in the content-type field. (SE-2360)

## LDAP

- Resolved an issue where the LDAP tool failed to cache users and groups when the user management database tables were not included in the default ODBC data source. (SE-2365)
- Resolved an issue where LDAP login failed when the OU of the user is different from the OU of the base-DN. (SE-2397)

## Storage

- Resolved an issue where an error occurred after Bare Metal Recovery completed the reorganization of the media database when the task was executed from Centera. (SE-2396)

## COM API

- Resolved an issue where the "getproperty" parameter delivered empty values for fulltext fields. (SE-2263)
- Resolved an issue where the document.saveas function failed to assign the correct parameter for annotations in documents with DLO set to FALSE. (SE-2339)

## Web Services

- Resolved an issue where attempt to archive a document using webservice displayed an error when the DDC included a counter type field. (SE-2260)

- Resolved an issue where content objects in the document structure were not added by their order in XML request for archive endpoint of SOAP webservice. (SE-2489)

## IXOS Service

- Resolved an issue where IXOS connector failed when old JAR files were included in the IXOS connector installation deliverables. (SE-1906)