

# Perceptive Content

## Release Notes

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Written by: Product Knowledge, R&D

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## Table of Contents

<b>Documentation Notice.....</b>	<b>2</b>
<b>Overview .....</b>	<b>4</b>
<b>Perceptive Content Foundation EP2 (7.5.0.441) Release (July 10, 2023).....</b>	<b>4</b>
<b>Perceptive Content Foundation EP2 (7.5.0.397) Release (September 10, 2022).....</b>	<b>4</b>
<b>Perceptive Content Foundation EP2 (7.5.0.383) Release (June 10, 2022).....</b>	<b>5</b>
<b>Perceptive Content Foundation EP2 (7.5.0.374) Release (May 10, 2022).....</b>	<b>5</b>
<b>Perceptive Content Foundation EP2 (7.5.0.369) Release (April 10, 2022).....</b>	<b>6</b>
<b>Perceptive Content Foundation EP2 (7.5.0.363) Release (March 10, 2022).....</b>	<b>6</b>
<b>Perceptive Content Foundation EP2 (7.5.0.352) Release (January 10, 2022).....</b>	<b>6</b>
<b>Perceptive Content Foundation EP2 (7.5.0.347) Release (December 10, 2021).....</b>	<b>7</b>
<b>Perceptive Content Foundation EP2 (7.5.0.330) Release (November 10, 2021).....</b>	<b>7</b>
<b>Perceptive Content Foundation EP2 (7.5.0.323) Release (October 10, 2021).....</b>	<b>8</b>
<b>Perceptive Content Foundation EP2 (7.5.0.317) Release (September 10, 2021).....</b>	<b>8</b>
<b>Perceptive Content Foundation EP2 (7.5.0.300) Release (August 10, 2021).....</b>	<b>10</b>
<b>Perceptive Content Foundation EP2 (7.5.0.289) Release (July 10, 2021).....</b>	<b>10</b>
<b>Perceptive Content Foundation EP2 (7.5.0.284) Release (June 10, 2021).....</b>	<b>11</b>
<b>Perceptive Content Foundation EP2 (7.5.0.276) Release (May 10, 2021).....</b>	<b>11</b>
<b>Perceptive Content Foundation EP2 (7.5.0.266) Release (March 10, 2021).....</b>	<b>12</b>
<b>Perceptive Content Foundation EP2 (7.5.0.261) Release (February 10, 2021).....</b>	<b>12</b>
<b>Perceptive Content Foundation EP2 (7.5.0.245) Release (December 10, 2020).....</b>	<b>13</b>
<b>Perceptive Content Foundation EP2 (7.5.0.232) Release (November 10, 2020).....</b>	<b>13</b>
<b>Perceptive Content Foundation EP2 (7.5.0.219) Release (October 10, 2020).....</b>	<b>14</b>
<b>Perceptive Content Foundation EP2 (7.5.0.210) Release (September 10, 2020).....</b>	<b>15</b>
<b>Perceptive Content Foundation EP2 (7.5.0.184) Release (August 10, 2020).....</b>	<b>17</b>
<b>Perceptive Content Foundation EP2 Release (June, 2020).....</b>	<b>18</b>

## Overview

Perceptive Content Foundation EP2 contains new features, product and platform enhancements, and updates. New features introduce the new functionality available in your Perceptive Content Foundation EP2 system. Product enhancements provide an overview of the enhancements made to existing features. Platform enhancements provide an overview of the enhancements made to existing development tools, such as iScript. Patch releases specify the enhancements, both product and platform, and updates for each monthly patch.

A major or minor release, consistent with the versioning standard of *major.minor.incremental.build*, occurs approximately every eighteen months. Build releases, also known as patch releases, are posted each month.

## Perceptive Content Foundation EP2 (7.5.0.441) Release (July 10, 2023)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client

#### Perceptive Content Client

Resolved an issue with the LearnMode script AppGetTree() function not working correctly with Google Chrome versions 114 and later. (PER-8653)

## Perceptive Content Foundation EP2 (7.5.0.397) Release (September 10, 2022)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Forms Server

#### Perceptive Content Forms Server

- Added four new secure-processing options to the Java XML settings, `com.imagenow.xml.sax.parser.factory.secure.processing`, `com.imagenow.xml.document.builder.factory.secure.processing`, `com.imagenow.xml.schema.factory.secure.processing`, and `com.imagenow.xml.transformer.factory.secure.processing`. For more information, see the Configure Java XML topic in the Manage Content help. (PER-6942)
- Added four new settings, `forms.xsltcache.filesystem.size`, `forms.xsltcache.memory.size`, `forms.xsltcache.background.enabled`, and `forms.xsltcache.directory` to the [Forms] section in the

imagenowforms.settings configuration file. These new settings improve form loading performance. The file system XSLT cache can only be used when using the XSLTC TransformerFactory. For more information, see the imagenowforms.settings parameter section in the Forms Server Installation Guide. (PER-6942)

- Resolved an issue that prevented some TransformerFactory implementations from creating Transformers in Forms Server. (PER-6942)

### Known issues

- The forms.xsltcache.directory setting in the imagenowforms.settings configuration file should only use relative paths. Using full paths will cause the filesystem xsltcache to fail if forms.xsltcache.filesystem.size is enabled.

## Perceptive Content Foundation EP2 (7.5.0.383) Release (June 10, 2022)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

#### Perceptive Content Server

- Resolved an issue where Forms Server allowed a document form to be submitted with the same keys as an existing document. (PER-7084)
- Optimized the allocation of converters used for transcoding data during message serialization and de-serialization. (PER-7149)
- Optimized the queries used to associate a view with a department when populating views privileges. (PER-7149)
- Added new settings to manage verbose logging for message protocol serialization and de-serialization. By default, these settings are enabled. For improved performance it is recommended that these settings are disabled. For more information, see the inow.ini [Debug] settings topic of the Manage Content help. (PER-7149)

## Perceptive Content Foundation EP2 (7.5.0.374) Release (May 10, 2022)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client

- Perceptive Content Server

## Perceptive Content Client

- Addressed performance issues with message serialization. (PER-7106 and PER-6921)

## Perceptive Content Server

- Add setting to allow use of private memory arenas for VSL and database subsystems on Windows. For more information, see the inow.ini [Memory] settings topic of the Manage Content help. (PER-7106 and PER-6921)
- Addressed performance issues with message serialization. (PER-7106 and PER-6921)

# Perceptive Content Foundation EP2 (7.5.0.369) Release (April 10, 2022)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content

## Perceptive Content Client

- Resolved an issue where the system would not save repeating rows that were added to a form by a user when using Internet Explorer 11 browser Emulation mode. (PER-7005)

# Perceptive Content Foundation EP2 (7.5.0.363) Release (March 10, 2022)

The following components are included in this month's patch.

## All Patched Products

- Updated the code signing certificate for Windows applications. (PER-6991)

# Perceptive Content Foundation EP2 (7.5.0.352) Release (January 10, 2022)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content

- Perceptive Content Integration Server

## Perceptive Content

- Improved stability by resolving multi-thread issues when using ImageGear. (PER-7023)

## Perceptive Content Integration Server

- Resolved an issue where Forms Server failed to submit a form on the first attempt after a session timeout. (PER-4678)

# Perceptive Content Foundation EP2 (7.5.0.347) Release (December 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client
- Perceptive Content Integration Server

## Perceptive Content Client

- Resolved an issue where creating a filter with a time constraint during Daylight Savings Time could cause the Time value to change back one hour. (PC-90356)

## Perceptive Content Integration Server

- Add a new setting, `sso.openid.profile.<profileName>.same.site.cookies.policy`, to the OpenID Connect Login Profiles section of the `integrationserver.ini` configuration file. For more information see the Appendix A: `integrationserver.ini` file options section of the Perceptive Integration Server Installation Guide. (PC-90798)

# Perceptive Content Foundation EP2 (7.5.0.330) Release (November 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client
- Perceptive Integration Server

## Perceptive Content Client

- Resolved an issue when outputting a document containing dynamic XFA PDF via print or export would stop with a message box. (PC-90695)

### Perceptive Content Integration Server

- Resolved an issue where an anonymous Forms Server user could access Integration Server APIs unrelated to forms. (PC-90753)

## Perceptive Content Foundation EP2 (7.5.0.323) Release (October 10, 2021)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client
- Perceptive Content OSM Agent

### All Perceptive Content Agents

- Updated method used to update the last access time on IN\_PHSOB\_CACHE database records. (PC-90666)

### Perceptive Content Client

- Resolved an issue in Workflow Viewer/Explorer where the Launch Associated Application button would not work. (PC-90681)

### Perceptive Content OSM Agent

- Resolved an issue where physical object records could not be deleted after being copied between OSM sets. (PC-90666)
- Resolved an issue with lock contention on the IN\_PHSOB\_CACHE table when deleting physical objects that do not have a IN\_PHSOB\_CACHE record. (PC-90666)

## Perceptive Content Foundation EP2 (7.5.0.317) Release (September 10, 2021)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content File System
- Perceptive Content Integration Server



- Perceptive Content Server
- Perceptive Forms Server

## All Released Products

- Resolved an issue where large file sizes could not be represented. Improved support for storing and receiving large files. (PC-89776)

## Perceptive Content File System

- Resolved issue with contention between two File System Agent instances attempting to perform the same work when running in active-active. (PC-90497)
- Added settings to be able to parallelize destroy work actions. Refer to the `inserverFS.ini` help topic in for more information. (PC-90497)

## Perceptive Content Integration Server

- Resolved an issue where the service status endpoint would cause a socket error in Perceptive Content Server logs. (PC-90603)
- Updated `stream.transfer.chunk.size` default value to facilitate large file streams. (PC-89776)
- Resolved an issue that could cause certain forms to not load properly. (PC-90590)
- Updated the `web.xml` configuration file to include the authorization header under the `cors.allowed.headers` parameter. This header is required to log into Android devices using OIDC sessions. (PC-90595)

## Perceptive Content Server

- Added configuration for buffer sizes used to stream content. Updated default values to facilitate large file streams. (PC-89776)
- `iScript INStream.read(Buffer, int, int)` member function cannot be used for streams over 1GB in size. (PC-90610)
- Resolved an issue with the system incorrectly truncating data written to the database as part of the Search Audit. (PC-90647)
- Reviewed and updated database transactions to ensure transactions would be fully rolled back prior to establishing a new transaction context. (PC-90639)
- Resolved a database locking issue that could result in errors in the session monitor log file. (PC-90639)
- Resolved incorrect error message displayed when a select lock statement is made on the same record with `NOWAIT` specified. (PC-90639)

## Perceptive Forms Server

- Resolved an issue that could cause certain forms to not load properly. (PC-90590)

## Known Issues

- Amazon S3 OSM plugin does not support streaming objects larger than 2.3GB.

## Perceptive Content Foundation EP2 (7.5.0.300) Release (August 10, 2021)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Business Insight
- Perceptive Content Client
- Perceptive Content Integration Server
- Perceptive Content Server

### All Perceptive Content Agents

- Updated Amazon S3 plugin to support `ObjectKeyNameSuffix` property. Refer to the Perceptive Content External OSM Plugin Best Practices Guide for more information. (PC-90588)

### Perceptive Business Insight

- Business Insight now views reports using the browser that is set as the default browser on the user's workstation. (PC-90446)

### Perceptive Content Client

- Resolved an issue in Perceptive Management Console that prevented the user from adjusting the column widths on the **Custom Properties** tab in the **Modify <Item> Type** dialog box. (PC-90200)

### Perceptive Content Integration Server

- Updated documentation for document API calls to include only supported values for the `actionType` query parameter. (PC-90213)

### Perceptive Content Server

- Resolved an issue that could cause server instability when deleting a large batch of pages simultaneously. (PC-90383)

## Perceptive Content Foundation EP2 (7.5.0.289) Release (July 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Integration Server
- Perceptive Content Workflow Agent

### Perceptive Content Integration Server

- Resolve an Integration Server memory growth issue caused by leaked session caches. (PC-89001)

### Perceptive Content Workflow Agent

- Documented additional Perceptive Content Workflow agent settings and best practices to improve throughput. See **Workflow Agent Performance Tuning** and **inserverWorkflow.ini** Help Topics for more information. (PC-90455)

## Perceptive Content Foundation EP2 (7.5.0.284) Release (June 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Job Agent

### All Released Products

- Updated Perceptive Content to distribute OpenSSL 1.1.1k. (PC-90324)

### All Perceptive Content Agents

- Added support for Oracle native ODBC drivers on Linux. (PC-89529)
- Added support for Oracle Instant Client with ODBC 19.11 and 21.1. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PC-89529)

### Perceptive Content Job Agent

- Resolved a potential database timeout when a large number of job records are waiting for deletion. (PC-90414)

## Perceptive Content Foundation EP2 (7.5.0.276) Release (May 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Integration Server

### Perceptive Content Integration Server

- Resolved an issue where OPTIONS calls against Integration Server endpoints would return 500 errors when CORS filters were disabled. (PC-90335)

## Perceptive Content Foundation EP2 (7.5.0.266) Release (March 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Integration Server

### All Perceptive Content Agents

- Updated default ODBC settings for Oracle to enable OCIDescribeAny. Resolves an issue where client information could not be set when connecting to a pluggable database using Oracle instantclient ODBC drivers. (PC-90043)
- A new setting, `odbc.oracle.set_client_info.enabled`, was added to the [ODBC] section of the `inow.ini` configuration file. This setting is enabled by default. For more information see the `inow.ini` [ODBC] settings topic of the Manage Content help. (PC-90043)

### Perceptive Integration Server

- Resolved an issue with adding new pages on Content Apps in the Hyland Mobile shell on Android devices. (PC-89808)

## Perceptive Content Foundation EP2 (7.5.0.261) Release (February 10, 2021)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Client
- Perceptive Integration Server

### All Perceptive Content Agents

- Resolved an issue where Amazon S3 OSM plugin did not include Content-Length header when storing large objects. (PC-90071)
- Resolved an issue on Windows where Amazon S3 OSM plugin would not correctly handle optional TLS client authentication. (PC-90071)

## Perceptive Content Client

- Resolved an issue where stamp annotations did not display the correct orientation after an image was saved to the server. (PC-89785)
- Resolved an issue that prevented the system from populating the drawer after calling the INSetViewerKeys API call with a valid Drawer. (PC-89291)

## Perceptive Content Server

- Resolved a performance issue in Integration Server when reading temporary files that are written if an uploaded file exceeds the stream.cutoff.size setting. (PC-89739)
- Resolved an issue where audit details were missing document key and custom property values when executing relationship views. (PC-89795)

# Perceptive Content Foundation EP2 (7.5.0.245) Release (December 10, 2020)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server

## All Released Products

- Updated Perceptive Content to distribute OpenSSL 1.1.1h. (PC-89601)

## Perceptive Content Server

- Improved hardware licensing support for UEFI and SMBIOS3 Linux environments. (PC-89715)
- Resolved an issue where adding a private filter to a sub queue removed statistics on the sub queue. (PC-89537)

**Note** To see the statistics on a sub queue after you create a private filter on the queue, you may be required to perform a **Restore Default View** on the super queue, and then re-create the status.

# Perceptive Content Foundation EP2 (7.5.0.232) Release (November 10, 2020)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Business Insight
- Perceptive Content Monitor Agent
- Perceptive Content Server
- Perceptive Integration Server

### Perceptive Business Insight

- Restored the following DOD reports, Audit Action report, Destruction report, and Disposition report. (PCBI-57)

### Perceptive Content Monitor Agent

- Resolved an issue where Monitor Agent would fail to start if a large number of Windows processes were running on the system. (PC-89594)
- Added a new configuration setting `process.windows.max.count` to `inserverMonitor.ini` to specify the maximum number of Windows processes that can be monitored. For more information, see the [inserverMonitor.ini \[Defaults\] settings](#) topic of the Manage Content help. (PC-89594)

### Perceptive Content Server

- Resolved an issue where a user group could be deleted even though it was associated with a custom property. (PC-89343)
- Resolved an issue where older EP1 clients were allowed to connect to an EP2 server. All EP1 clients must be updated to an EP2 release in order to resolve known compatibility issues between EP1 and EP2 server versions. (PC-89645)

### Perceptive Integration Server

- Resolved an issue where Forms Server did not accept agent token authentication. (PC-89404)

## Perceptive Content Foundation EP2 (7.5.0.219) Release (October 10, 2020)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content OSM Agent
- Perceptive Content Server
- Perceptive Forms Server

## All Perceptive Content Agents

- Updated default ODBC settings for Oracle database to improve performance. The Oracle ODBC setting `odbc.oracle.using.function.based.indexes.recommended.defaults` has been added and is enabled by default. For more information see the [inow.ini \[ODBC\] settings](#) topic of the Manage Content help. (PC-89448)
- Resolved an issue where failure to open a file could result in an agent crash. (PC-89544)

## Perceptive Content OSM Agent

- Improved query performance for document OSM set transfers. (PC-89544)

## Perceptive Content Server

- Improved query performance for document OSM set transfers. (PC-89544)

## Perceptive Forms Server

- Resolved an issue where Forms Server dialog boxes would become cropped when moving them. (PC-89260)

# Perceptive Content Foundation EP2 (7.5.0.210) Release (September 10, 2020)

The following components are included in this month's patch.

## Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Import Agent
- Perceptive Content Integration Server
- Perceptive Content OSM Agent
- Perceptive Content Output Agent
- Perceptive Content Server
- Perceptive Forms Server
- Perceptive Content Output Agent

## All Perceptive Content Agents

- Resolved an issue where Amazon S3 OSM plugin used incorrect server hostname when verifying TLS certificates. (PC-89525)

## Perceptive Content Import Agent

- Resolved an issue where Import Agent would log “File does not exist” error messages despite all the required files being present. (PC-89489)

## Perceptive Content Integration Server

- Resolved Forms XSL transform issues when XSL documents contain namespaces. Updated the default Forms XSL transform output method from HTML to XML and added new configuration options to specify the Forms XSL transformation output method and fallback output method. For more information, see the Forms group under the integrationserver.ini file options topic in the [Perceptive Integration Server for Tomcat Installation Guide](#) or [Perceptive Integration Server for WebSphere Installation Guide](#). (PC-89508)
- Resolved an issue where Integration Server disconnect calls could incorrectly return Unauthorized errors. (PC-89445)

## Perceptive Content Output Agent

- Resolved an issue where annotations were incorrectly formatted when using Output Agent to export a document from Perceptive Content. (PC-89082)
- Added a new option, Clientview, for the output.mode setting in the [General] group of the inserverOutput.ini configuration file. This setting allows files exported via Output Agent to more closely match what is produced when exporting from the Perceptive Content desktop client. (PC-89082)

## Perceptive Content Server

- Resolved an issue where OpenID Provider JWKs could not be imported through OpenID Connect Discovery if the algorithm parameter was missing from the JWK. (PC-89535)
- Added import-public-key intool command to support direct import of public keys to SSO trust store. The command supports DER or PEM public key formats. (PC-89535)
- Improved OpenID Connect error logs to include more details and reduced time travel logging of OpenID Connect errors. (PC-89535)
- Verified OpenID Connect compatibility with Microsoft Azure Active Directory. (PC-89535)
- Resolved an issue where searching for string custom properties using `is blank` and `is not blank` operators returned incorrect results. (PC-89356)
- Improved query performance for document OSM set transfers. (PC-89544)

## Perceptive Forms Server

- Resolved Forms XSL transform issues when XSL documents contain namespaces. Updated the default Forms XSL transform output method from HTML to XML and added new configuration options to specify the Forms XSL transformation output method and back-up output method. For more information, see the Forms group under the imagenowforms.settings parameters topic in the [Perceptive Forms Server Installation Guide](#). (PC-89508)



## Perceptive Content Foundation EP2 (7.5.0.184) Release (August 10, 2020)

The following components are included in this month's patch.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Content Server
- Perceptive Content Integration Server
- Perceptive Forms Server
- Perceptive Recognition Agent

### All Perceptive Content Agents

- Resolved an issue where search parameters containing double hyphens would cause an error. (PC-89173)
- Improved handling for database error 08S01 "Communication link failure". (PC-89327)
- Resolved an issue in iScript sedbc ODBC library which could result in an agent crash when using Oracle Datadirect drivers on Linux and a stored procedure is executed using an invalid SQL statement. (PC-88496)
- Resolved an issue on Linux where reading XML files in iScript using the inxml library could result in data corruption. (PC-89360)

### Perceptive Content Integration Server

- Added a new Java XML Configuration option to customize the source stream to use for XSL transformation. When enabled the setting will revert XSL transformation behavior to be consistent with releases prior to Perceptive Content 7.5.0/EP2. For more information, see the `com.imagenow.xml.transformer.factory.use.xml.stream.source` setting in the [Configure Java XML](#) topic in the Manage Content Online Help. (PC-89502)
- Updated the default value for the `integrationserver.ini` `sso.openid.profile.<profileName>.max.response.value.size` setting to be 512 bytes. (PC-89423)

### Perceptive Content Server

- Added a new OpenID Connect configuration setting to specify whether to resolve user claims from the UserInfo Endpoint or ID Token. Added new OpenID Connect configuration settings to remove a domain from user claim values. For more information see the `inserver.ini` [\[OpenID Connect Login Profiles\] settings](#) and [\[Bearer Token Login Profiles\] settings](#) topics of the Manage Content help. (PC-89423)
- Verified OpenID Connect compatibility with Microsoft Active Directory Federation Services. (PC-89423)

### Perceptive Forms Server

- Added a new Java XML Configuration option to customize the source stream to use for XSL transformation. When enabled the setting will revert XSL transformation behavior to be consistent with releases prior to Perceptive Content 7.5.0/EP2. For more information, see the `com.imagenow.xml.transformer.factory.use.xml.stream.source` setting in the [Configure Java XML](#) topic in the Manage Content Online Help. (PC-89502)

## Perceptive Recognition Agent

- Revised iScript error messages. For more information, see the [inow.ini \[iScript\] settings](#) topic of the Manage Content help. (PC-89248)
- Updated the underlying iScript string methods for non-Unicode agents. (PC-89360)

## Perceptive Content Foundation EP2 Release (June, 2020)

The following enhancements and updates are included in the initial release of Perceptive Content Foundation EP2.

### Product updates

This section provides, in alphabetical order, an overview of updates made to existing functionality.

- Perceptive Business Insight
- Perceptive Content Client
- Perceptive Content OSM Agent
- Perceptive Content Server
- Perceptive Content User Replication Agent
- Perceptive File Processing Agent
- Perceptive Forms Server
- Perceptive Integration Server

## All Perceptive Content Agents

- Resolved an issue where installers may not preserve `inow.ini` settings while performing an upgrade or a clean install when Perceptive Content Server is installed. Updated installers for Fax Agent, File Processing Agent, iConvert Agent, Output Agent, and Perceptive Content Server. (PC-88845)
- Updated Perceptive Content to consume OpenSSL 1.1.1 LTS. (PC-87605)
- Updated Perceptive Content to consume Microsoft C++ Rest SDK 2.10.14. (PC-87605)
- Perceptive Content now supports RabbitMQ version 3.8. (PC-89085)
- Updated Oracle and PostgreSQL database connections to use forward-only cursors. (PC-88976)
- Using forward-only cursors with the Oracle native ODBC driver resolved an issue where the driver incorrectly caused parse errors in the database trace file. (PC-88976)
- Improved database transaction error handling. (PC-89119)
- Improved handling for Oracle error HY000 -5 "Unexpected Network Error". (PC-88808)

- Limited number of retries when database lock timeout occurs. (PC-89265)
- Updated XML policies to prevent external XML access by default. For more information, see the [inow.ini \[XML\] settings](#) topic in the Manage Content online help. (PC-88799)
- Updated agents to use inuser.IN\_DOC table for document and record creation time. (PC-88979)

## All Released Products

- Updated the code signing certificate for Windows applications. (PC-89088)

## Perceptive Business Insight

- Perceptive Content now supports IBM Cognos Business Intelligence 11.1.3. (PC-88160)

## Perceptive Content Client

- Perceptive Content Client and Server now support opening multiple workflow viewer windows. (PC-89081)
- A new setting, allow.multiple.item.open, was added to the [Workflow] section of the inow.ini configuration file. This setting specifies whether or not the client supports opening multiple workflow viewer windows. (PC-89081)
- Updated Forms Viewer XSLT provider to be MSXML6. Prevent XML external XML access access by default. For more information, see the [Forms] and [XML] sections of the imagenow.ini documentation. (PC-88799)

## Perceptive Content OSM Agent

- Resolved an issue where database errors could result in an agent crash while triggering recovery. (PC-89362)

## Perceptive Content Server

- LDAP configurations now specify Secure LDAP by default. On upgrade, configurations that rely on default values now assume new values and enable TLS and use port 636. Administrators should review LDAP configurations prior to upgrading to ensure Secure LDAP is configured. (PC-89060)
- Resolved an issue where socket errors could result in higher CPU utilization on Linux. (PC-88712)
- Updated audit elements names for privileges from <\_xxxx> to <priv\_xxxx>. For example, <\_2510>...</\_2510> is now <priv\_2510>...</priv\_2510>. (PC-88480)
- Resolved an issue where database connectivity issues could cause the server to unexpectedly close. (PC-89348)
- Resolved an issue where the text of a stamp annotation or text annotation in iScript would have non-text content. (PC-88622)
- Updated Perceptive Content error messages for file operation errors. (PC-88800)
- Resolved an issue with intool where LDAP authentication could fail when multiple LDAP servers were configured. (PC-70362)
- Verified OpenID Connect compatibility with Hyland Identity Provider (IdP) v2.2.0. (PC-89205)

## Known issues

Perceptive Content Server Foundation EP2 contains the following known issue.

- Agent token-based authentication does not currently work for Forms Server. Legacy authentication must be enabled for Forms Server to function. This can be set in the Integration Server configuration by setting `agent.legacy.authentication.method.enabled=TRUE`. This issue will be resolved in a future release. (PC89404)

## Perceptive Content User Replication Agent

- LDAP configurations now specify Secure LDAP by default. On upgrade, configurations that rely on default values now assume new values and enable TLS and use port 636. Administrators should review LDAP configurations prior to upgrading to ensure Secure LDAP is configured. (PC-89060)

## Perceptive File Processing Agent

- Updated Forms Flattener XSLT provider to be MSXML6. (PC-88799)

## Perceptive Forms Server

- Updated Java XML policies to prevent external XML access by default. For more information, see the [Configure Java XML](#) topic in the Manage Content Online Help. (PC-88799)

## Perceptive Integration Server

- Updated Integration Server login error messages to be consistent. (PC-88801)
- Updated Java XML policies to prevent external XML access by default. For more information, see the [Configure Java XML](#) topic in the Manage Content Online Help. (PC-88799)