Perceptive Content

Release Notes

Version: Foundation EP3

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Overview

Perceptive Content Foundation EP3 contains new features, product and platform enhancements, and updates. New features introduce the new functionality available in your Perceptive Content Foundation EP3 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 EP3 (7.6.0.154) 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

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

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 EP3 (7.6.0.142) 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

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

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)
- Updated Integration Server Request Headers documentation to include **X-IntegrationServer-Client-Hostname** header. This header should be specified when multiple client sessions are being established from a single host. (PC-90210)

Perceptive Content Foundation EP3 (7.6.0.132) 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 Content Integration Server

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

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 Content 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 EP3 (7.6.0.126) 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 Content 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 an issue where audit details were missing document key and custom property values when executing relationship views. (PC-89795)

Perceptive Content Foundation EP3 Release (December, 2020)

The following enhancements and updates are included in the initial release of Perceptive Content Foundation EP3.

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 Import Agent
- Perceptive Content Monitor Agent
- Perceptive Content OSM Agent
- Perceptive Content Output Agent
- Perceptive Content 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)

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

- 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)

All Released Products

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

Perceptive Content Client

- Updated Perceptive Content Client and Perceptive Management Console to support OpenID Connect logins through Integration Server. (PC-89430)

- Extended Perceptive Content Client and Perceptive Management Console connection profiles and configuration to support OpenID Connect login profiles. (PC-89429)

- Updated Perceptive Content Client installer to support OpenID Connect for the default connection profile. The installer only configures a default connection profile on a fresh install of the client. (PC-89440)

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-89502)

- 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 7.6.0/EP3. For more information, see the com.imagenow.xml.transformer.factory.use.xsl.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)

- Resolved an issue where Integration Server disconnect calls could incorrectly return Unauthorized errors. (PC-89445)
- 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)
- Update Integration Server to support desktop client OpenID Connect logins. (PC-89431)

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 OSM Agent

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

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

- 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)
- 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 Active Directory Federation Services. (PC-89423)
- 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)

- Improved hardware licensing support for UEFI and SMBIOS3 Linux environments. (PC-89715)

- Updated Perceptive Content Server to support desktop client OpenID Connect logins. (PC-89431)

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.xsl.stream.source setting in the Configure Java XML topic in the Manage Content Online Help. (PC-89502)

- 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-89502)

- Upgraded the jQuery version deployed with Perceptive eForms from 3.3.1 to 3.5.1. (PC-89392)

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)

Known Issues

This section provides, in alphabetical order, an overview of known issues in this release.

Perceptive Content Client

- The Perceptive Content Client installer does not support Unicode Connection Profile names. (PC-89757)