Perceptive Content

Release Notes

Version: Foundation 24.1

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Documentation Notice

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Overview

Perceptive Content Foundation 24.1 contains new features, product and platform enhancements, and updates. New features introduce the new functionality available in your Perceptive Content Foundation 24.1 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 24.1 (7.11.0.309) Release (June 27, 2025)

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.

- All Perceptive Client Agents
- Connector for SAP ArchiveLink

All Perceptive Client Agents

- Perceptive Content now supports RabbitMQ 4.x. (PER-11522)

Connector for SAP ArchiveLink

- Resolved an issue when sending a large volume of documents to Connector for SAP ArchiveLink could cause a 500-response error. (PER-11616)
- Resolved an issue where the service would fail to start because it was unable to detect the installation directory. (PER-11616)

Perceptive Content Foundation 24.1 (7.11.0.307) Release (April 10, 2025)

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 Business Insight

Perceptive Content Business Insight

- Business Insight is upgraded to IBM Cognos 11.2.4 Fix Pack 5 to address security vulnerability issues. (PER-11420)

Perceptive Content Foundation 24.1 (7.11.0.304) Release (March 10, 2025)

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 the amazons3.dll file, used by the OSM S3 plugin, would generate timestamps that were one day ahead during leap years. (PER-11371)
- Updated libcurl with latest version to fix potential security vulnerability CVE-2024-7264. (PER-11417)

Perceptive Content Foundation 24.1 (7.11.0.296) Release (February 10, 2025)

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 Forms Server

Perceptive Content Client

- Updated the HTML browser component to resolve an issue where opening Business Insight reports would cause the error, "*Your browser is not compatible*", to display. The client can now display PDFs directly. (PER-11243)

Perceptive Content Forms Server

- Added a new setting, forms.attachments.remove.unicode.characters, to the [Forms] section in the imagenowforms.settings configuration file. When set to TRUE, this setting removes Unicode characters from file attachment file names. For more information, see the Forms Server Installation Guide. (PER-11328)

Perceptive Content Foundation 24.1 (7.11.0.286) Release (January 10, 2025)

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

- Resolved an issue where files with Unicode characters in the filename, attached to a form submitted by Forms Server, would have the filename improperly encoded when stored to the Perceptive Content server. This fix requires updating both Integration Server and Forms Server. (PER-11328)

Perceptive Content Foundation 24.1 (7.11.0.271) Release (October 10, 2024)

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 Business Insight

Perceptive Content Server

- Added a new setting, login.node.monitoring.enabled, to the [Session Management] section in the inow.ini configuration file. The setting is enabled by default but can be disabled to prevent potential database contention on the IN_NODE table during large volumes of session management operations. When login node monitoring is disabled, client-side performance reporting will not be available. For more information, see the inow.ini [Session Management] settings topic of the Manage Content help. (PER-10861)

Perceptive Content Business Insight

- Business Insight is upgraded to IBM Cognos 11.2.4 Fix Pack 4 to address security vulnerability issues. (PER-11040)

Perceptive Content Foundation 24.1 (7.11.0.259) Release (August 10, 2024)

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 Perceptive Content Agents

- Added a new setting to allow quorum queues to be disabled. For more information, see the mq.quorum.queue.support.enable setting in the [Message Queuing] inow.ini help. (PER-10774)
- Added Document Filters as a runtime prerequisite to the Perceptive Content Agents. (PER-4621)

Perceptive Content Server

- Added a new setting to allow thumbnail generation to use Document Filter libraries. For more information, see the generate.thumbnails.using.document.filters setting in the [General] inow.ini help. (PER-4621)

Perceptive Content Foundation 24.1 (7.11.0.244) Release (July 10, 2024)

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 Business Insight

All Perceptive Content Agents

- Perceptive Content now supports RabbitMQ 3.13. If upgrading from previous versions of RabbitMQ, refer to the Perceptive Content RabbitMQ Update Guide. (PER-10675)
- Updated supported versions of Oracle Instant Client with ODBC on Windows and Linux. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PER-10675)
- Updated supported versions of Microsoft ODBC Driver for SQL Server on Windows and Linux. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PER-10675)

Perceptive Content Business Insight

- Business Insight is upgraded to IBM Cognos 11.2.4 Fix Pack 3 to address IBM JRE vulnerabilities and to provide support for TLS version 1.3. (PER-10408)
- Document type value is optional in Capture Document report. (PER-10638)

Perceptive Content Client

- Updated the client to prevent loading JavaAccessBridge dependencies on startup if the feature is not installed. (PER-9576)

Perceptive Content Foundation 24.1 (7.11.0.226) Release (June 10, 2024)

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 in the client where exporting single PDFs would cause an error. (PER-9524)

Perceptive Content Foundation 24.1 (7.11.0.218) Release (May 10, 2024)

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 Forms Server
- Perceptive Content Integration Server
- Perceptive Content Server

Perceptive Business Insight

- Resolved an issue associated with running the reports when INOW database uses Oracle. (PER-9655)

- Business Insight report query is enhanced that now displays the list of active users that matches with the typed keywords. The complete list of sources available in Perceptive Content to capture the documents are also displayed in the Capture Source page. (PER-9507)

Perceptive Content Client

- Updated third-party viewing SDK with latest version, which resolved the following issues:

  - Opening an MSG file could cause the client to unexpectedly close. (PER-9361)

- Perceptive Content desktop client and Output Agent failed to export certain HTML files. (PER-10141)
- Updated PEDS Client to support TLS v1.3 communication to PDS Server. (PER-9518)

Perceptive Content Forms Server

- Updated distributed Apache CXF dependency. (PER-10168)

Perceptive Content Integration Server

- Updated distributed Apache CXF dependency. (PER-10168)

Perceptive Content Server

- Resolved issues with OpenID Connect login profiles failing to complete discovery of trusted public keys if the 'use' parameter was not present. (PER-10101)
- Updated supported Operating Systems. For more information on Operating System compatibility, see the Perceptive Content Technical Specifications. (PER-10189)

Perceptive Content Foundation 24.1 (7.11.0.201) Release (April 10, 2024)

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

All Perceptive Content Agents

- Resolved an issue in iScript which could result in the incorrect time being returned, when Daylight Savings time is in effect, using a Date object's localized instance methods on Linux. (PER-10052)

Perceptive Business Insight

- Business Insight is upgraded to IBM Cognos Interim Fix 9 for enhanced security. (PER-9639)

Perceptive Content Foundation 24.1 Release (March 8, 2024)

The following enhancements and updates are included in the initial release of Perceptive Content Foundation 24.1.

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 Released Products

- Updated Perceptive Content executable target runtimes on Windows. (PER-527)

- Updated Windows installers to install C++ Redistributable for Visual Studio 2015-2022. (PER-527)

- Updated Perceptive Content to consume OpenSSL 3.0 LTS. (PER-8798)

- Updated the code signing certificate for Windows applications. (PER-9359)

All Perceptive Content Agents

- Removed upper limit on number of worker threads that can be configured for processing Perceptive Content work items. (PER-8919)

- Resolved an issue where intermittent connectivity to RabbitMQ could occur when using TLS connections on Windows. (PER-7000)

- Added new settings to disable publication of informational events to the message queuing broker. If these events are not being consumed, it is recommended that these settings be disabled. For more information, see the [Message Queuing] settings help topic in the Manage Content help. (PER-7000)

- Added support for RabbitMQ Quorum queues. RabbitMQ broker must have the quorum_queue feature enabled. (PER-7000)

- The following cryptographic algorithms are no longer supported. Any user supplied keys that were generated using these algorithms should be updated to use newer algorithms. Affected symmetric ciphers include Blowfish, CAST, DES, IDEA, RC2, RC4, RC5 and SEED. Affected hashing algorithms include MD2, MD4, MDC2, WHIRLPOOL and RIPEMD160. (PER-9233)

- Resolved an issue in remote agent installers that prevented the full token from being added to the configuration. Updated the installer Token Authentication dialog to unmask the authentication token control to support verifying the token is entered correctly. The following installers were updated: User Replication Agent, Recognition Agent, Output Agent, File Processing Agent, Fax Agent. (PER-8565)

- Added support for Oracle Instant Client 21.12 with ODBC on Windows. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PER-9362)

- Added support for Oracle Instant Client 21.13 with ODBC on Linux. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PER-9362)

- Updated supported versions of Microsoft ODBC Driver 17 for SQL Server on Windows and Linux. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PER-9362)

- Added support for Microsoft ODBC Driver 18 for SQL Server on Windows and Linux. See the Perceptive Content Technical Specifications for ODBC driver and operating system compatibility. (PER-9362)

- Perceptive Content now supports RabbitMQ 3.11 and 3.12. Support for RabbitMQ Quorum queues is required. If upgrading from previous versions of RabbitMQ, refer to the Perceptive Content RabbitMQ Update Guide. (PER-9362)

- Resolved an issue in iScript which could result in the incorrect time being returned when using a Date object's localized instance methods on Linux. (PER-9164)

Perceptive Business Insight

- Resolved an issue associated with run.bat where users had to manually set JAVA_HOME after installing the BI Integrator. (PER-8639)

- Resolved an issue associated with BI Authenticator logging additional data. (PER-8735)

- Removed additional information that were displayed in p2pd_message log file. (PER-9444)

Perceptive Content Client

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

- Ensured Perceptive Content Client version is validated for OpenID Connect Single Sign-On logins. Resolved an issue where older versions of the Perceptive Content Client could connect to incompatible Perceptive Content Server versions. (PER-8539)

- Updated third-party controls, used to display different file formats in the viewer, to the latest release. (PER-8761)

- Updated Perceptive Content to support making OpenID Connect requests through an authenticated proxy. (PER-9020)

- Updated Perceptive Content with a configurable delay before triggering the OpenID Connect login. For more information, see the sso.openid.connect.login.delay.seconds setting of the imagenow.ini [OpenID Connect Login Controls] settings help topic in the Manage Content help. (PER-9020)

- Added a new setting to allow the Perceptive Content client to close the logon dialog window after a user is logged in to the Perceptive Content client. For more information, see the close.logon.dialog.after.successful.logon setting of the imagenow.ini [Logon Settings] help topic in the Manage Content help. (PER-9130)

- Resolved issues with OpenID Connect logins persistently failing with some OpenID Provider integrations. Added a new setting to control whether this class of error should be ignored. For more information, see the sso.openid.connect.login.ignore.client.aborted.requests.enabled setting of the imagenow.ini [OpenID Connect Login Controls] settings help topic in the Manage Content help. (PER-9343/PER-8564)

- Resolved an issue where the client would not maintain focus on correct page when a multiple page document was saved. (PER-9145)

- Updated third-party viewing SDK with latest version, fixes potential security vulnerability CVE-2023-4863. (PER-9009 and PER-9143)

Perceptive Content Forms Server

- Updated core third party dependencies used by Integration Server. (PER-8237)

- Updated supported versions of Web Application Servers. For more information on Web Application Server compatibility, see the Perceptive Content Technical Specifications. (PER-8061)

- Updated supported Java runtimes. For more information on Java compatibility, see the Perceptive Content Technical Specifications. (PER-9539)

Perceptive Content Integration Server

- Ensured Perceptive Content Client version is validated for OpenID Connect Single Sign-On logins. Resolved an issue where older versions of the Perceptive Content Client could connect to incompatible Perceptive Content Server versions. (PER-8539)

- When searching the contents of a folder in the Folder Viewer, the system now correctly completes the request to return custom properties in the results column list. (PER-8913)

- Updated core third party dependencies used by Integration Server. (PER-8237)

- X.509 LDAP authentication translator plugin has been deprecated and removed from the default Integration Server distribution. Consider switching to OIDC flows that can leverage an OpenID Provider that supports client certificate authentication. If required, it can be downloaded and installed separately. For more information, see the *Special Considerations* section of the *Perceptive Content Update Guide*. (PER-8237)

- Added GET /v4/captureProfile, GET /v4/captureProfile/{id}, and GET /v4/captureSourceProfile/{id} endpoints to support retrieving browser extension type capture profiles and capture sources. (PER-9123)

- Updated supported versions of Web Application Servers. For more information on Web Application Server compatibility, see the Perceptive Content Technical Specifications (PER-8061)

- Updated Introspection Endpoint error response body when provided bearer token is not authorized or invalid. (PER-9429)

- Added GET /v2/captureGroup endpoint to support providing a screen ID to support creating capture groups with browser extension capture profiles with multiple screens. (PER-9395)

- Updated supported Java runtimes. For more information on Java compatibility, see the Perceptive Content Technical Specifications. (PER-9539)

Perceptive Content Server

- Updated migration packages to ensure that custom property list values are not inadvertently renamed or removed if they are being consumed. (PER-8243)

- Resolved a system stability issue which may occur when modifying a custom property list value that is currently being consumed. (PER-8243)

- Ensured Perceptive Content Client version is validated for OpenID Connect Single Sign-On logins. Resolved an issue where older versions of the Perceptive Content Client could connect to incompatible Perceptive Content Server versions. (PER-8539)

- Updated demo mode licensing policies to allow Active-Active configurations. (PER-9102)

- Updated demo mode licensing policies to allow the Integration Server Transaction Pack license. (PER-9102)

- Resolved an issue with blocking when initializing the user information cache in environments with a large number of users. For more information, see the users.bulk.load.max.entries and users.bulk.load.enable settings of the inow.ini [Cross Node Cache] settings help topic in the Manage Content help. (PER-9070)

- Updated demo mode licensing policies to improve support for Active-Active configurations. (PER-9342)

- Resolved issues with OpenID Connect logins failing during token validation with "ID Token audience validation failed" errors when multiple audiences are present in the claim. (PER-9437)

- Added support for using a custom Pluggable Authentication Module (PAM) when using SYSTEM authentication on Linux. For more information, see the logon.method.system.pam.enable setting of the inow.ini [Logon Control] settings help topic in the Manage Content help. (PER-9540)

- Updated supported Operating Systems. For more information on Operating System compatibility, see the Perceptive Content Technical Specifications. (PER-8621)