

## PrinterOn Enterprise 4.1.3 - Release Notes

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Version 4.1.3

### Product Changes and Enhancements

PrinterOn Enterprise 4.1.3 is a maintenance update primarily focused on workflow improvements and to address issues reported in the PrinterOn Enterprise 4.0.0 and earlier releases.

PrinterOn Enterprise 4.1.3 also includes a number of administration updates to improve configuration and management.

This release supersedes the 4.0.0 release and should be used in all cases.

**IMPORTANT NOTE: You can only upgrade to PrinterOn Enterprise and Express 4.0 from version 2.5.1 or higher. For upgrades from previous versions, please update your software to the latest version of 2.5.1.**

**PrinterOn STRONGLY recommends upgrading all servers to version 3.2.7 before upgrading to 4.0.1 for the best upgrade experience.**

### New Features and Enhancements:

- **New – Authentication Management Services**

This version of PrinterOn Enterprise includes all new authentication and authorization management services designed to improve the security, performance and supportability of the authentication processes. These authentication service improvements are available to all submission workflows as well as guest print workflows. These updates improve overall quality of service for LDAP/Active Directory authentication, Azure AD and Open ID Connect compatible providers, as well as PrinterOn's internal users.

- **New – Print Job Anonymity (SPOCPS-5289)**

Included to manage information stored and presented in the PrinterOn Enterprise Configuration Manager, enabling administrators to restrict visibility of end user personal identifying information.

- **New – Ricoh Locked Print Code Support (iOS-600)**

Users can now submit and store preferred user codes for Ricoh devices when using the PrinterOn mobile apps or PrintWhere. Support for Ricoh Locked Print offers users and administrators the ability to provide the native Ricoh secure release and tracking capability without any additional software installer or when used in conjunction with the PrinterOn Embedded agent for Ricoh HotSpot.

This feature allows the PrinterOn clients to recognize when a printer is configured to use Ricoh Locked Print and prompts users to enter a compatible Ricoh User Code. Codes are stored on the client device and can be managed by the end user, allowing them to store their User Code for future print jobs.

- **New – Xerox Secure Print Compatibility** (SPOCPS-4936)

Users can now submit and store preferred Secure Print codes for Xerox devices when using the PrinterOn mobile apps or PrintWhere. Support for Xerox Secure Print offers users and administrators the ability to provide the native Xerox secure release and tracking capability without any additional software installer.

This feature allows the PrinterOn clients to recognize when a printer is configured to use Xerox Secure Print and prompts users to enter a compatible Xerox Secure Print code. Codes are stored on the client device and can be managed by the end user, allowing them to store their User Code for future print jobs.

- **New – External Printer ID Included in Directory Search Responses**

Updated the Directory Search API to include the External Printer ID in search responses. This information allows integrators to specify unique and arbitrary information for printers in the PrinterOn Directory and deliver the information to client applications.

## General Improvements and Resolved Issues

The following section describes issues that have been resolved and other general product improvements.

- **Improved – HP Touch Panel Compatibility** (PDS-1524)

Updated overall compatibility with HP OXP devices when using the PrinterOn Remote Queue Monitor on the printer touch panel. Addresses an issue that can cause the Home button to be unresponsive on some devices.

- **Improved – OpenID Connect compatibility with Native iOS Print** (SPOCPS-5321)

Improved overall compatibility when printing with iOS devices with addressed various deployment configuration. Improved the collection of user identification from OpenID Connect identity management providers, such as Ping Identity, and ensured more accurate association of job owner information with print jobs.

- **Improved – Agent Notification Timeouts Performance** (SPOCPS-5286)

Improved the overall performance for job notifications to PrinterOn agents in various configuration scenarios. Agents receive faster and more consistent notifications when deployed using Secure Release Anywhere and can be configured to consume less network resources enabling improved scalability.

- **Improved – Print Delivery Station Scalability** (SPOCPS-5222)

Improved overall scalability of Print Delivery Station by reducing CPU requirements and consumption when under load.

- **Improved – Native iOS Print Compatibility** (SPOCPS-5217)

A number of improvements have been introduced to increase the overall compatibility when using iOS and macOS native print functionality. Results include faster performance, more accurate reflection of printer capabilities and improved authentication compatibility.

- **Improved – Print by Reference Quality and Reliability** (SPOCPS-5286)  
A number of improvements have been made to the Print by Reference capability of the PrinterOn Enterprise service to provide improved performance and reliability. Improvements in this release are focused on performance and reliability when deployed using Secure Release Anywhere.
- **Fixed – Saving Maximum File Size Results in an Error** (SPOCPS-5329)  
Addressed an issue that caused the PrinterOn Enterprise Configuration Manager to report an error when trying to set the advertised maximum file size in the Advertised Capabilities section.
- **Fixed – Incorrect Reporting When Releasing Using a Samsung Embedded Agent** (SPOCPS-5290)  
Addressed an issue that could cause the results of a job released from a Samsung Embedded agent to be lost and not reported. This issue was introduced in version 4.1.0 and does not affect previous versions. It only affects Samsung agents.
- **Fixed – Unable to Access User Configuration After Upgrades** (SPOCPS-5269)  
Addressed an issue reported that caused the Users section of the Configuration Manager to be inaccessible after an upgrade from a previous version. This was caused by the solution incorrectly handling information saved from previous versions of the software.
- **Fixed – PDG Times Out with Google Cloud Print** (CSS-1180)  
Google had deprecated an API component that was used by PrinterOn. The code was modified to support a more current API version.
- **Fixed – Error Releasing Jobs When Using Secure Release Anywhere in Central Store** (SPOCPS-5250)  
Addressed an issue that could cause an error when releasing a print job from a mobile device when using Secure Release Anywhere configured for Central Store. This issue did not occur when using Local Download. The issue occurred occasionally when multiple Print Delivery Stations received a release notification at the same time.
- **Fixed – PDF Output Differs from Acrobat Depending on Scaling Selected** (PAS-4665)  
Addressed an issue that caused the default scaling options applied to a PDF to differ from the defaults implemented in Adobe Acrobat. The default behavior was adjusted to be more consistent with other applications.
- **Fixed – Java Error Incorrectly Reported When Selecting Custom Components in an Installation** (PAS-4698)  
Addressed an issue that caused the PrinterOn Enterprise installer to incorrectly report an error configuring Java when performing a custom install and deselecting the PrintAnywhere component.
- **Fixed – IMCAS Folder Under Tomcat WebApps is Locked After Upgrade** (SPOCPS-5547)  
Stopping CPS, Removing the IMCAS folder and starting CPS fixes the upgrade issue.
- **Updated – Microsoft SQL Server JDBC Driver Updated**(SPOCPS-5053)  
Updated the SQL Server JDBC driver version included with the PrinterOn Enterprise installer to version 6.0.8112.100.

- **Updated – Java Version Updated** (SPOCPS-5189)  
Updated the Java version included with the PrinterOn Enterprise installer to Java Version 8 Update 152.
- **Updated – Apache Tomcat Version Updated** (SPOCPS-5190)  
Updated the Java version included with the PrinterOn Enterprise installer to Tomcat 8.5.24.
- **Deprecated – Microsoft MAPI Integration** (SPOCPO-5262)  
Removed MAPI from the list of email configuration options.

NOTE: These release notes and previous versions may be found on the PrinterOn on website at <http://www.printeron.com/support/product-releases.html>

## Installed Product Information

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**PrinterOn Enterprise 4.1.3.2143 includes the following software:**

- Central Print Services 4.1.3.1425
- PrintAnywhere Server 6.1.3.1454
- Print Delivery Gateway 4.1.3.1174
- Print Delivery Station 4.1.3.1454
- Print Delivery Hub 4.1.3.1454
- PrintWhere® 6.1.3.1572
- Sun Java Runtime Environment 1.8.1.52
- Tomcat 8.5.24

## System Requirements

- A dedicated physical server or virtual machine
- Intel compatible processor with 2GHz multi-core processor
- 4 GB RAM minimum (8 GB recommended)
- 60 GB (10 GB of free disk space for PrinterOn Server software and third party applications)
- Windows Server 2012 including 2012 R2 with current patches installed (Datacenter and Standard Editions) or Windows Server 2016 (Datacenter and Standard Editions)

Please contact [support@printeron.com](mailto:support@printeron.com) if you have any questions.