

PrinterOn Enterprise 4.1.0 - Release Notes

Version 4.1.0

Product Changes and Enhancements

PrinterOn Enterprise 4.0.0 was a milestone release because it included key capabilities that make PrinterOn a True Cloud Printing platform. These capabilities paired with other important new features enable PrinterOn Enterprise to offer both easy-to-use native print workflows and best-in-class cloud services.

PrinterOn Enterprise 4.1.0 builds on the 4.0.0 release to include a number of enhancements providing improved administration capabilities, performance and scalability, as well as a number of usability improvements for various native print workflows.

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 4.1.0 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 4.1.0 for the best upgrade experience.

IMPORTANT GUEST PRINT NOTE: This release of PrinterOn Enterprise is focusing Guest Print workflow on zero-footprint options, including email print and web print. This release only supports Guest Print with email, web print and native IOS. This release has temporarily removed Guest Print support for PrinterOn Mobile Apps and PrintWhere as PrinterOn evolves the authentication options in PrinterOn Enterprise. A subsequent update will re-introduce Guest Print functionality to the Mobile App and PrintWhere flows. Users requiring this functionality for PrintWhere and Mobile Apps should defer upgrading temporarily.

New Features and Enhancements:

- **New – PrintWhere for Windows support for Microsoft Intune**
Added support for remote deployment of PrintWhere for Windows using Microsoft Intune. Enhancements to the installation process now offers support for both managed and BYOD Intune management options. Administrators can remotely install and configure the printer from the Cloud-based Microsoft Intune portal.
- **New – HP Access Control Guest Release Terminal**
Organizations who are using PrinterOn's integration with HP Access Control can now augment their deployment with a walk-up release interface for guest users. Using native HP extensibility tools, the guest print users can be offered the choice to release their print jobs directly on the printer's panel by entering their guest print release codes.
- **New – BlackBerry Work Email Body Print Support**
Added support for printing the content of email bodies using the integrated print button in the BlackBerry Work email app. Updates include content-based format recognition, increased security of content validation, as well as dynamic detection of available content processing applications for the content. Dynamic detection of

content processing applications allows the service to choose the optimal processing application based on available software installed on the server.

- **New – PDF Rendering Service**

A new PDF rendering and document processing service has been introduced, providing increased performance and output quality. Processing time showed 2 to 3 times increase in speed with some PDFs and output size has been decreased by 3 or 4 times in some cases.

- **New – Ricoh Locked Print Code Support (SPOCPS-4944)**

Users can now submit and store preferred user codes for Ricoh devices when using the PrinterOn mobile apps or PrintWhere for Windows desktop print driver. 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.

Ricoh Locked Print support allows the PrinterOn mobile apps and PrintWhere to recognize when a printer is configured and prompt 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 – Printer Synchronization Configuration for Standalone Print Delivery Station (SPOCPS-4917)**

Granular Print Delivery Station synchronization schedules can now be managed within the PDS configuration portal without requiring a connection to a parent Configuration Manager.

- **New – Manual Configuration of File Extensions for Format Recognition (SPOCPS-4865)**

Added support for administrators to manually configure which file extensions are associated with specific file formats, allowing greater control of applications used to process documents.

General Improvements and Resolved Issues

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

- **Improved – Remote Queue Monitor Case Insensitive Filtering** (SPOCPS-4740)
Updated job filtering logic to allow case-insensitive filtering of jobs using any of the available job attributes.
- **Improved – Secure Release Anywhere Performance and Scalability**
Improved and addressed a number of issues related to Secure Release Anywhere when deployed in large-scale environments with Print Delivery Hub. Changes include:
 - Improved support for Central Store deployments when more than 250 jobs are pending download to an individual printer. (SPOCPS-4905)
 - Reduced the frequency of communication between remote Print Delivery Station and the Print Delivery Hub when configured to use Central Store.
- **Improved – Additional Directory Search SearchByPrinterName options** (SPOCPS-4897)
Added support for partial printer name queries to provide a consistent experience when searching PrinterOn Enterprise and PrinterOn Hosted.
- **Improved – Mobile App Print History International Language Support** (SPOCPS-4863)
Updated the handling of international languages when reporting jobs from the server to the PrinterOn Mobile Apps. This primarily affects print history of jobs submitted by non-mobile submission methods when the history is viewed on the mobile apps.
- **Improved – PDH and PDS Password Validation in Configuration Manager** (SPOCPS-4955)
Added additional password validation logic in the Configuration Manager to ensure that acceptable passwords are entered both in PDH and PDS.
- **Updated – Java Initial Memory Pool for CPS** (SPOCPS-4792)
Increased the default Java initial memory pool for CPS from 128mb to 256mb.
- **Updated – Samsung Emulation Mode Driver** (SPOCPS-4033)
Updated the included Samsung Emulation Mode driver to the latest release included on all Samsung devices up to September 2017.
- **Fixed – Manually changing the 'Output Destination' of many printers causes PDS to become non-responsive** (PDS-14468)
Addressed an issue that caused PDS to stop responding after manually configuring the output location of many printers. This was caused by a backlog of communication requests between the Configuration Manager and PDS.

- **Fixed – Web Print Jobs Missing in Mobile App Print History when Username Contains \$** (SPOCPS-4834)
Addressed an issue that caused jobs submitted via Web Print to be missing in the mobile apps print history dialog when the username contains a \$ sign.
- **Fixed – Directory Search SearchByExtUID failing** (SPOCPS-4819)
Addressed an issue that caused all Directory Search API calls using searchByExtUID to fail and return no printers.
- **Fixed – Users unable to search from mobile apps when Bind Users is disabled and a blank password is supplied** (SPOCPS- 4921)
Addressed an issue that resulted in search requests failing from a mobile app when the user left a blank password and the administrator disabled Bind Users on the server.
- **Fixed – Parent Configuration Manager causes multiple synchronization requests when connected to child CPS instances** (SPOCPS-4917)
Addressed an issue that caused all children of a parent Configuration Manager/CPS to synchronize their printers at the same time as the parent CPS instance, resulting in multiple redundant requests. Logic has been updated to ensure only the parent CPS performs the synchronization.
- **Fixed – Unable to remotely release jobs when PDH is configured to listen on a port other than 631**
Addressed an issue that caused requests to release print jobs from the Remote Release web page or PrinterOn mobile apps to fail if the Print Delivery Hub was not configured to listen on port 631. Changes were due to the Central Print Services only sending requests via port 631.
- **Fixed – Distance radius not obeyed in some location-based search requests** (SPOCPS-2213)
Addressed an issue that resulted in printers to be returned in search requests from iOS devices outside a 50 mile radius.
- **Fixed – Some Azure AD non-domain users unable to log into the Remote Queue Monitor** (SPOCPS-4465)
Addressed an issue that caused users attempting to log into the Remote Queue Monitor to release print jobs to fail when their Azure AD account was added to an Azure AD directory as a guest. Note that Azure AD does not support the required authentication flow for Windows Account users who are added to an Azure AD Directory and cannot be used despite this fix.
- **Fixed – Users are not notified of incorrect credentials when using AirPrint** (SPOCPS-4465)
Addressed an issue where iOS users were not notified that they had entered incorrect credentials on their device causing jobs to fail during the print process.

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

PrinterOn Enterprise 4.1.0.1931 includes the following software:

- Central Print Services 4.1.0.1278
- PrintAnywhere Server 6.1.0.1236
- Print Delivery Gateway 4.1.0.1014
- Print Delivery Station 4.1.0.1264
- Print Delivery Hub 4.1.0.1264
- RenderPDF 6.1.0.111
- PrintWhere® 6.1.0.1347
- Sun Java Runtime Environment 1.8.1.21
- Tomcat 8.5.11

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 if you have any questions.