

PrinterOn Enterprise 4.2.2 - Release Notes

Version 4.2.2

Product Changes and Enhancements

PrinterOn Enterprise 4.2.2 is a maintenance update primarily focused on introducing support for the PrinterOn Agent for HP, print performance improvements, and fixes for specific customer issues.

This release supersedes the 4.2.1 release and should be used in all cases.

IMPORTANT NOTE: You can only upgrade to PrinterOn Enterprise 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 4.2.2 for the best upgrade experience.

Product Changes and Enhancements:

- **New – Support for PrinterOn Agent for HP** (CSOGEN-13)
PrinterOn now offers a new PrinterOn Agent specific to HP printers for use with PrinterOn Enterprise Managed Cloud. The PrinterOn Agent for HP allows customers to install a version of the Print Deliver Station software directly on to an HP printer, to effectively extend PrinterOn's print authentication, authorization, and secure pull-printing capabilities to any supported HP printer. The PrinterOn Agent for HP provides support for the following functionality:
 - **Late-binding options:** Enables users to change their print options on the printer at the time of release, even if they had set other options at the time the print job was submitted. Users are only permitted to change those options that don't affect rendering, such as changing the number of copies, changing between color and black & white, or changing duplex settings.
 - **Card authentication:** Provides a seamless authentication that allows users to access their PrinterOn submitted print jobs using an integrated single sign on workflow. After unlocking the printer with a card, the PrinterOn Agent retrieves the user's configured user ID and automatically and securely retrieves only those jobs submitted by that user.
 - **Script-based installation:** For customers wanting to install the PrinterOn Agent for HP on multiple HP printers, a PowerShell script is available to allow administrators to perform a bulk installation of the software from the command line.

To support this new agent, the Configuration Manager has been updated to allow you to define a new PDS type, PrinterOn Agent for HP.

Note: The PrinterOn Agent is only supported for Managed Cloud deployments of the PrinterOn Enterprise software; it is *not* supported for on-premise deployments of PrinterOn Enterprise.

- **Improved – Improved authentication performance** (CSOSCPS-6523, CSOSCPS-6553)
The PrinterOn Enterprise 4.2.2 release introduces a number of performance improvements across several authentication workflows.

General Improvements and Resolved Issues:

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

- **Fixed – Native iOS/macOS printing not working correctly** (CSOPDG-431)
Users upgrading to PrinterOn Enterprise 4.2.1 reported delays when printing to printers using the native iOS/macOS printing workflow in conjunction with LDAP authentication. The cause of these delays has been fixed in this release.
- **Fixed – Native iOS/macOS printing not working correctly** (CSOPDG-432)
When using PrinterOn Enterprise 4.2.1, some users reported issues when attempting to add a printer in macOS. The cause of this issue has been fixed in this release.
- **Fixed –LDAP Authentication intermittently slow to respond** (CSOSCPS-6501)
When attempting to authenticate with the PrinterOn Mobile App or PrintWhere against an LDAP server, users may have experienced occasional delays in successfully authenticating. In certain situations, delays in response were noticeably slow and impacted performance. The cause of this issue has been fixed in this release.
- **Updated – Java Version Updated** (CSOSCPS-6433)
Updated the Java version included with the PrinterOn Enterprise installer to Java Runtime Environment Version 1.8 Update 201.
- **Updated – Apache Tomcat Version Updated** (CSOSCPS-6434)
Updated the Tomcat version included with the PrinterOn Enterprise installer to Tomcat 8.5.37.

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 4.2.2 includes the following software:

- Central Print Services 4.2.2.1915
- PrintAnywhere Server 6.2.2.1786
- Print Delivery Gateway 4.2.2.1869
- Print Delivery Station 4.2.2.2091
- Print Delivery Hub 4.2.2.2091
- PrintWhere® 6.2.2.1891
- Sun Java Runtime Environment 1.8.0_201
- Tomcat 8.5.37

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.