

PrinterOn Enterprise 4.3.2 - Release Notes

Version 4.3.2

Product Changes and Enhancements

PrinterOn Enterprise 4.3.2 is a maintenance update focusing on security and expanding the Configuration Manager audit logging that was introduced in the previous release. Main features of this release include support for single sign-on access to Configuration Manager using a third-party iDM and PDH support for HTTP ranges.

This release supersedes the 4.3.1 release and should be used in all cases, except on 32-bit machines or where 32-bit components must be used. In those instances, 4.2.8 remains the latest release.

IMPORTANT NOTE: This version of PrinterOn Enterprise is 64-bit only. No 32-bit version of this release of PrinterOn Enterprise will be built. If you need a 32-bit version of any of standalone PrinterOn components (PDS, PDH, PDG) you should download the 4.2.8 versions of the installers, which remain available from the printer.on.com Download page.

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 4.3.2 for the best upgrade experience.

Product Changes and Enhancements:

- **New – Installation Requirement: Reboot after installation**
With this release, PrinterOn Enterprise has stricter post-installation requirements. Whereas in earlier releases, rebooting after installation was recommended but optional, with this release, PrinterOn now requires a reboot of all impacted servers after installation in order to ensure that all software, services, and property files have been properly loaded and/or initiated before the software is launched.
- **New – Support for Single Sign-on Authentication for Configuration Manager** (CSOGEN-566)
With this release, administrators of the PrinterOn service can now log into Configuration Manager using credentials from any supported OpenID Connect iDM. When this feature is enabled, the Configuration Manager Login dialog provides a link to log in with single sign-on. When clicked, this link will redirect users to the login page for the configured iDM. Once successfully authenticated, users are redirected back to the Configuration Manager.
- **New – Support for segmented transfer of documents between PDH and release stations** (CSOPDH-235)
With PrinterOn Enterprise v4.3.2, PDH now supports HTTP ranges for transferring documents to release stations. This feature allows PDH to transfer a document in segments, rather than transferring the entire document at once. The flexibility provided by this feature reduces the impact of network interruptions or file size restrictions when transferring very large documents.

- **Improved – Central Print Services logging configuration settings** (CSOGEN-501)
The CPS logging settings in Configuration Manager have been improved. Previously, you could set limited logging settings for CPS (**Logging Level** and **Output Directory**) on the **Basic** tab of the CPS Component configuration settings (accessed in Configuration Manager by clicking **Advanced > Components**, then clicking **Configure** for Central Print Services). With this release, all logging settings have been moved to a new Logging tab, and two new settings, **Maximum File Size** and **Total Size Limit**, are available for greater control over the amount of disk space consumed by CPS logs.
- **Improved – Audit logging for PrinterOn Configuration Manager** (CSOGEN-501)
In the previous release of PrinterOn Enterprise, audit logging was introduced for Configuration Manager. This feature allowed administrators oversight of changes to the service configuration. With this release, audit logging includes the following improvements:
 - Improvements in identifying activity that has occurred on stand-alone components (PDS, PDH, and PDG) that are connected as children to the parent PrinterOn server, including login/logout information.
 - Improved labelling of components in the Resource Type drop-down and in reports. In some cases, components were identified by their programmatic or subcomponent name.
 - Administrators can now clear older audit data. You can specify the number of entries to delete, or simply delete all entries prior to a specified date.

General Improvements and Resolved Issues:

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

- **Fixed – PrinterOn installer does not correctly move files when upgrading to a different drive** (CSOSCPs-8341)
An issue was encountered when a user attempted to upgrade PrinterOn Enterprise, but installed the new version on a different drive than the older version. In this scenario, several configuration files, which should have been moved to the same drive that the PrinterOn software was moved to, were erroneously moved to a new folder on the C: drive. These files could not subsequently be accessed by the software. The cause of this issue was isolated and corrected in this release.
- **Fixed – Printer no longer available error received when using PDG with LDAP enabled** (CSOPDG-528)
An issue was identified when running PDG with LDAP/AD enabled as the authentication mode. This issue occurred when a user attempted to submit a print job from a mobile device. In some cases, after the user provided their LDAP/AD credentials, the PDG was unexpectedly terminated before passed the print job on to the CPS for processing and tracking. The user received a “Printer no longer available” message, but had no way to resolve this issue. This issue has been resolved in this release.
- **Fixed – AirPrint printers are listed when printing from iOS** (CSOPDG-527) CSOSCPs-8356
In the previous release, when using the PrinterOn Mobile App for iOS to print, AirPrint printers were not displayed as they should be. This issue occurred due to an incorrectly set variable in the PDG code that prevented the printers from being discoverable. This issue has been resolved in this release.

- **Fixed – Upgrading PrinterOn Enterprise from 32-bit to 64-bit causes issues with Remote SQL installations** (CSOSCPs-8356)

An issue was uncovered involving upgrading from a 32-bit deployment of PrinterOn Enterprise to a 64-bit deployment, while using a Remote SQL database. In this scenario, the upgrade process fails to propagate the database properties information, breaking the connection between PrinterOn components and the database. In this release, when the user performs an upgrade, the PrinterOn installer now determines whether the SQL server is local or remote and, if remote, copies the contents of the existing properties file to the new properties file that is installed with the upgrade.

Known issues:

The following section describes known issues for this release of PrinterOn Enterprise.

- **Known issue – Issues printing Microsoft Office files using LibreOffice** (CSOPAS-4742)

There is a known issue when printing some Microsoft Office files through LibreOffice. When you change the orientation from landscape to portrait, LibreOffice fails to rescale the document to fit the page. As a result, the content is split across pages. This issue only occurs using LibreOffice to print Microsoft Office files. When using Microsoft Office, the documents rescale correctly.

- **Known issue – Issues printing text files**

There is a known issue when attempting to print text files. Because the default text-file rendering agent is a 32-bit component, it is not supported in PrinterOn Enterprise 4.3.0 and later. To print text files, open them in a third-party app, and print them from there.

- **Known issue – Issues using Email print workflow with IMAP**

There is a known issue when attempting to using IMAP for the email print workflow. In some cases, PrinterOn may be unable to connect to the mail server, so the print job cannot be delivered to the printer. This issue is probably caused by one or more Tunnel adapter. To work around this issue, you can disable the following tunnel adapters using Microsoft's Device Manager:

- Isatap tunnel adapter
- Torpedo Tunneling Pseudo-Interface

Deprecation notices:

The following section describes features for which PrinterOn will no longer provide support.

- **Deprecation Notice – Support for Apache OpenOffice**
Excluding critical security updates, support for Apache OpenOffice are deprecated with the release of PrinterOn 4.3.
- **Deprecated – Support for 32-bit servers**
Excluding critical security updates, support for 32-bit servers was deprecated with the release of PrinterOn 4.2.4.
- **End of Support – Support for 32-bit clients**
Effective July 1 2020, 32-bit clients are no longer be supported.
- **End of Support – Support for Print Delivery Station v2.6**
Effective April 1 2020, version 2.6 of the Print Delivery Station is no longer supported.
- **End of Support – Support for IBM Domino server**
Effective April 1 2020, the IBM Domino Email server is no longer supported.
- **End of Support – Support for Generic PCL 6 Printer Driver**
Effective July 1 2020, PrinterOn no longer supports the Generic PCL 6 printer driver. It is replaced by the GT PCL 6 printer driver.

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 4.3.2 includes the following software:

- Central Print Services 4.3.2.2500
- PrintAnywhere Server 6.3.2.2093
- Print Delivery Gateway 4.3.2.2549
- Print Delivery Station 4.3.2.2747
- Print Delivery Hub 4.3.2.2747
- PrintWhere® 6.3.2.2204
- Sun Java Runtime Environment 11.0.8
- Tomcat 9.0.35

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.