

PrinterOn Enterprise 4.3.9 - Release Notes

Version 4.3.9

Product Changes and Enhancements

PrinterOn Enterprise 4.3.9 focuses on performance and security optimizations and bug fixes. It also updates the log4j utility used by the PrinterOn software to the latest version provided by Apache; since the PrinterOn Enterprise 4.3.8 release, Apache released a new version of the utility as they continue to test and close security vulnerabilities.

This release supersedes the 4.3.8 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 NOTES:

- **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 printeron.com Download page.**
- **With the product moving to 64-bit only, the upgrade path has changed. You can only upgrade from PrinterOn Enterprise version 4.2.x, then to version 4.3.0, then 4.3.x.**
- **For upgrades from versions earlier than version 2.5.1, please update your software to the latest version of 2.5.1, then to version 3.0, then to version 4.2.8, which is the last 32-bit version available.**

Product Changes and Enhancements:

- **New – Apache log4j upgrade** (CSOSCPS-8920)
With this release, PrinterOn Enterprise has upgraded the version of Apache log4j library to log4j-core v.2.17.1.
- **New – jQuery upgrade** (CSOSCPS-8919)
With this release, PrinterOn Enterprise has upgraded the version of jQuery used with PDS to jQuery v3.6.0.
- **New – Support for Windows 11**
With this release, PrinterOn Enterprise officially supports Windows 11 machines for hosting standalone PDS, PDH, and PDG components.

General Improvements and Resolved Issues:

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

- **Fixed – PDH unable to download jobs** (CSOPDH-264)
There was an issue discovered with PDH in the previous release. A bug was introduced which caused PDH to look for a signing token in an incorrect location. Because it could not find the signing token, PDH could not successfully access the server to download print jobs. This issue has been corrected in this release.

- **Fixed – Issues when printing via AirPrint** (CSOPDG-538)
In a previous release, an issue was found when using AirPrint to print to a PrinterOn printer. The user could select a printer and submit a print job, but the job was not always successfully printed. After investigation, the problem was determined to be an issue with Bonjour, the service that Apple uses to discover printers. When PDG is started, it uses Bonjour to advertise all AirPrint-enabled printers' connection information to the network. However, after some time, PDG stopped broadcasting the list of printers. As a result, AirPrint did not have the connection information and therefore could not direct the job to the printer. This issue has been fixed in this release.

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 use 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
 - Torero 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 was 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 4.3.9 includes the following software:

- Central Print Services 4.3.9.2652
- PrintAnywhere Server 6.3.9.2139
- Print Delivery Gateway 4.3.9.2699
- Print Delivery Station 4.3.9.2942
- Print Delivery Hub 4.3.9.2942
- PrintWhere® 6.3.9.2278
- Sun Java Runtime Environment 16.0.1
- Tomcat 9.0.55

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), Windows Server 2016 (Datacenter and Standard Editions), or Windows Server 2019 (Datacenter and Standard Editions)

Please contact support@printeron.com if you have any questions.