

PrinterOn Enterprise 4.3.8 - Release Notes

Version 4.3.8

Product Changes and Enhancements

PrinterOn Enterprise 4.3.8 focuses on eliminating security vulnerabilities caused by the log4j utility used by the PrinterOn software. This release is in response to the recent announcement by Apache concerning a critical vulnerability with their log4j API, a logging library for Java-based applications used by many web-based applications and services, including PrinterOn services. When exploited, this vulnerability can allow hackers access to servers and to run code remotely. This vulnerability affects all installations of PrinterOn as well as servers hosting standalone instances of Print Delivery Station, Print Delivery Hub, and Print Delivery Gateway.

This release upgrades the log4j API to the latest version, which is free of the vulnerability.

PrinterOn recommends installing this update as soon as possible. If you are unable to install this update, PrinterOn has also provided a patch that you can run against any PrinterOn installation to scan for and remove any vulnerabilities caused by the log4j API.

This release supersedes the 4.3.7 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 printer.on.com Download page.**
- **With the product moving to 64-bit only, the upgrade path has changed. You can only upgrade to PrinterOn Enterprise 4.3+ from version 4.2.8.**
- **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 4.2.8, before upgrading to the latest version.**

Product Changes and Enhancements:

- **New – Apache log4j upgrade** (CSOSCPS-8915)
With this release, PrinterOn Enterprise has upgraded the version of Apache log4j library to log4j-core v.2.17.0.
- **New – Set as Default feature added to new Web Print UI** (CSOSCPS-8914)
In PrinterOn Enterprise v.4.3.5, a new Web Print UI was introduced. This release augments the UI with a Set as Default feature, granting any authenticated user the ability to save the values they choose for paper size, color, and duplex settings as default values. These values, once set as defaults, will then be the default print setting values whenever the user tries to print, no matter what print workflow they are using.

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
 - Toredon 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 4.3.8 includes the following software:

- Central Print Services 4.3.8.2634
- PrintAnywhere Server 6.3.8.2138
- Print Delivery Gateway 4.3.8.2687
- Print Delivery Station 4.3.8.2928
- Print Delivery Hub 4.3.8.2928
- PrintWhere® 6.3.8.2277
- Sun Java Runtime Environment 16.0.1
- Tomcat 9.0.54

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.