PrinterOn Enterprise 4.3.7 - Release Notes

Version 4.3.7

Product Changes and Enhancements

PrinterOn Enterprise 4.3.7 is a maintenance update focusing bug fixes. It also updates the version of Apache Tomcat used; Tomcat version 9.0.54 is considered more secure than Tomcat 9.0.44, which was installed with the previous version of PrinterOn Enterprise.

This release supersedes the 4.3.6 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 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 Tomcat Upgrade** (CSOSCPS-8464)
  With this release, PrinterOn Enterprise has upgraded the version of Apache Tomcat installed with the software to Tomcat 9.0.54.

General Improvements and Resolved Issues:
The following section describes issues that have been resolved and other general improvements.

- **Fixed** – **New Web Print Interface times out intermittently after authentication** (CSOSCPS-8904)
  In the previous release, an issue was identified with the new Web Print UI. Occasionally, the UI was timing out after the user logged in. Part of the reason for this issue is due to the server invoking third-party APIs to facilitate the authentication workflow. However, upon analysis, several inefficiencies were identified when filtering and displaying the list of printers. After optimizing the printer filtering process, the authentication/printer loading process no longer exceed the timeout, and the issue appears to be resolved.

- **Fixed** – **New Web Print Interface does not permit drag-and-drop to upload files** (CSOSCPS-8903)
  In the previous release, the Choose Files button was modified to make it consistent in appearance across browsers. However, with this change, the ability to drag and drop files onto the button to add them was lost. This feature has been restored in this version.

- **Fixed – CPS fails to start when there is no Internet connection** (CSOSCPS-8900)
  In the previous releases, it was discovered that if the internet was unavailable when attempting to restart the CPS, the restart process would fail. This issue should not occur; the CPS should have no dependency on a Internet connect in order to successfully restart. After examination, the issue was caused by a component that was incorrectly attempting to validate against a third-party schema. This reference was removed. Internet connectivity is no longer required to restart the CPS.

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 is 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
    - Toredo 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 4.3.7 includes the following software:

- Central Print Services 4.3.7.2623
- PrintAnywhere Server 6.3.7.2134
- Print Delivery Gateway 4.3.7.2679
- Print Delivery Station 4.3.7.2920
- Print Delivery Hub 4.3.7.2920
- PrintWhere® 6.3.7.2273
- 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.