PrinterOn Enterprise 4.2.5 - Release Notes

Version 4.2.5

Product Changes and Enhancements

PrinterOn Hosted 4.2.5 is provides a number of security improvements in response to the upcoming deprecation of the TLS 1.0 and TLS 1.1 protocols. These protocols are no longer considered secure enough for security-conscious services such as PrinterOn.

PrinterOn Enterprise 4.2.5 also includes several print performance improvements.

This release supersedes the 4.2.4 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 4.2.5 for the best upgrade experience.

Product Changes and Enhancements:

- **New – PrinterOn components now always communicate using TLS v1.2**
  With this release, PrinterOn has removed all dependence on TLS v1.1 and earlier. All communication between PrinterOn components can now occur over TLS v1.2, which is the most secure protocol currently available. For PrinterOn Hosted customers, this change will require them to upgrade the PrinterOn components they use to communicate with their PrinterOn Service to the latest version. These will include:
    - PDS
    - PDG
    - PrintWhere
    - Ricoh HotSpot (should be upgraded to the PrinterOn Embedded Agent for Ricoh)
    - PrintConnect

  In addition, customers will need to update the Service URL used by the following PrinterOn products:
    - PrinterOn Enterprise customers with a Hybrid deployment
    - PrinterOn Embedded Agent for Samsung (GV printers only)

  Note: There will be a short grace period before TLS v1.0 and v1.1 are deprecated on March 31, 2020. During this time, communication using TLS v1.1 or earlier will still be supported. However, to ensure there is no disruption in their PrinterOn Hosted service, customers must complete the necessary updates by this deprecation date.

- **New** – **Updated default Service URL for standalone PrinterOn components TLS v1.2** (CSOPDS-1604, CSOPDG-490, CSOPWC-6993)
  With the PrinterOn Enterprise v4.2.5 release, the default Service URL has been updated for each of the Print Delivery Station, Print Delivery Gateway, and PrintWhere stand-alone components. Now, by default, when used in conjunction with PrinterOn Hosted, each of these components will connect to the updated PrinterOn Hosted service URL using the TLS v1.2 protocol.

General Improvements and Resolved Issues:

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

- **Improved** – **PrinterOn Configuration Manager UI improvements** (CSOSCPS-7126)
  With this release, two Configuration Manager settings that were introduced in PrinterOn Enterprise 4.2.4, **JWT-Based User Authentication** and **JWT Signature Validation**, have been designated as advanced settings. This change means that these settings, available on the Internet communication tab of the PDH component settings, will now only appear when the Configuration Manager is set to Advanced view. To turn on Advanced view, toggle the **Show Advanced Settings** from the Configuration Manager Settings menu (the gear icon).

- **Fixed** – **Incorrect rendering when Duplex is set to double-sided long** (CSOPWC-6986)
  In an earlier version of PrinterOn Enterprise, there was an issue where, when a document was printed with duplex set to double-sided long, the output was occasionally incorrectly rendered as double-sided short. This issue has been fixed with this release.

Known Issues:

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

- **Known issue** – **Remote releasing documents to a printer** (CSOSCPS-7575):
  There is a known issue in this PrinterOn Enterprise release when a guest user attempts to remotely release documents to the printer. When PrinterOn is configured to use LDAP/AD authentication, and the Authentication Behavior for guests is set to **Prompt**, when the unidentified user attempts to release the print job, the printer is unable to access the print job and a 401 error is returned. No issue occurs if the Authentication Behavior for guests is set to **Default** or **Do Nothing**.

Deprecation notices:

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

- **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.

- **Deprecated** – **Support for 32-bit clients**
  Effective July 1 2020, 32-bit clients will no longer be supported by PrinterOn.

- **Deprecated** – **Support for Print Delivery Station v2.6**
  Effective April 1, version 2.6 of the Print Delivery Station will no longer be supported by PrinterOn.

- **Deprecated** – **Support for IBM Domino server**
  Effective April 1, PrinterOn will no longer support the IBM Domino Email server.

- **Deprecated** – **Support for Generic PCL 6 Printer Driver**
  Effective July 1, PrinterOn will no longer support the Generic PCL 6 printer driver. It will be 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 4.2.5 includes the following software:
- Central Print Services 4.2.5.2250
- PrintAnywhere Server 6.2.5.1955
- Print Delivery Gateway 4.2.5.2246
- Print Delivery Station 4.2.5.2435
- Print Delivery Hub 4.2.5.2435
- PrintWhere® 6.2.5.2088
- Sun Java Runtime Environment 1.8.2.01
- Tomcat 8.5.46

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.