

## PrinterOn Enterprise 4.3.6 - Release Notes

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Version 4.3.6

### Product Changes and Enhancements

PrinterOn Enterprise 4.3.6 is a maintenance update focusing on UI and UX improvements, primarily to the PDS, and PDG component configuration. It also introduces several performance and security improvements.

This release supersedes the 4.3.5 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](http://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 – New PDH Configuration settings** (CSOPDH-259)  
This release provides a new PDH setting. The **Enable PerPdsPdh Password** setting allows you to set a unique password for each PDS the communicates with the PDH. When set, each PDS must provide its own unique password for the PDH when attempting to communicate with it. This password is defined in the PDS Configuration settings (**Advanced > Components > PDS > Networking** tab). In addition, there are several other additional fields that have been added which allow you to specify the locations of various authorization artifacts. These include, **PDH Password Endpoint**, **CPS Signing URL**, and **JWKS URL**.
- **Improved – Web Print UI and UX improvements** (CSOCSPS-8712, CSOCSPS-8626)  
In PrinterOn Enterprise 4.3.5, a new Web Print interface was developed. This release provides a handful of improvements:
  - UI improvements to better align the various elements of the interface.
  - UX improvements to provide authenticated users the option of saving the papers size, color, and duplex options.
- **Improved – PrintWhere UX Improvements** (CSOPWC-7050)  
This release provides an improvement to the user experience for PrintWhere. When searching for printers in PrintWhere, the CPS returns a maximum of 50 printers. Now, if there are more than 50 printers available, the user is prompted to refine their search using keywords to reduce the number of search results. Previously, no such prompt was provided.

- **New – Automatically link printers with PDS** (CSOSCPS-8754)  
This release provides a new feature that allows you to automatically link printers with a specific PDS. A new button, **Do Auto Linking**, is now available on the **Printers > Servers** tab, where you configure the PDS Software and link printers to the PDS. To auto-link printers, include the PDS Machine ID in the Printer Name of each printer you want to link to the PDS, then click **Do Auto Linking**. In addition, this feature also links a single printer pool to a PDS. If multiple printer pools have the PDS Machine ID in the name, only the first is linked.
- **Improved – PDS UX improvements** (CSOPDS-1680)  
This release provides an improvement to the user experience for PDS. When importing a custom settings file into PDS (by clicking **Import Settings** on the **Import Data** tab), the Configuration Manager now provides a status message indicating how the import process is progressing and the settings applied. In addition, a spinner is displayed while the process is ongoing. Previously, no such message was provided.
- **New – Changes to default PDG synchronization behavior** (CSOSCPS-8758)  
With this release, modifications to the PDG printer synchronization functions have been introduced. Now, when the PDG synchronizes printers, it fetches only the modified printers, instead of iterating over all available printers in the system.

In addition, several default values for the PDG configuration have been modified:

- The default value for PDG Synchronization Level has been reduced.
- Automatic Filter Synchronization is turned off by default.

These changes were made to improve performance of the PDG; it was determined that synchronizing a large number of printers put too heavy a load on the PDG CPU.

## General Improvements and Resolved Issues:

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

- **Fixed – Invalid user able to login to Web Print** (CSOSCPS-7020)  
In the previous release, an error was uncovered that allowed a user who entered invalid credentials to access the Web Print portal. This issue has been fixed in this release.
- **Fixed – Logging out of Web Print portal takes the user to the wrong page** (CSOSCPS-8343)  
An issue was identified in the previous release where, when logging out of the Web Print portal, the CPS returned the user to a third-party login page. It should have returned the user to the Web Portal's login page. The Web Print portal's login page allows a user to log in as a guest, which they can't do from a third-party login page. This issue has been corrected in this release.
- **Fixed – Check Jobs Interval setting is reset when PDS is restarted or upgraded** (CSOSCPS-8631)  
An issue was identified where, when restarting or upgrading the PDS, the Check Jobs Interval setting was being reset to the default. This issue has been corrected in this release.

- **Fixed – Error message shown when clicking Map Network** (CSOPDS-1679)  
An issue was identified when trying to configure the Output Destination for a printer attached to a PDS. When editing the **Output Destination** (by selecting **Advanced > Components > PDS Configuration > Printers** tab in Configuration Manager), if the user clicked the **Map Network** button to locate the printer on the network, then clicked it again before results were returned, a Java error was returned. This issue occurred because the user attempted to perform a second search before the first had completed, so the CPS couldn't perform the search. The UI should not have allowed the user to initiate a second search in that instance. With this release, the **Map Network** button is disabled while the search is taking place, and the UI is blocked until the search results are returned, so the error should no longer occur.

## 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
  - 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 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

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### PrinterOn Enterprise 4.3.6 includes the following software:

- Central Print Services 4.3.6.2613
- PrintAnywhere Server 6.3.6.2132
- Print Delivery Gateway 4.3.6.2669
- Print Delivery Station 4.3.6.2904
- Print Delivery Hub 4.3.6.2904
- PrintWhere® 6.3.6.2272
- Sun Java Runtime Environment 16.0.1
- Tomcat 9.0.44

### 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](mailto:support@printeron.com) if you have any questions.