

## PrinterOn Enterprise 4.3.4 - Release Notes

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Version 4.3.4

### Product Changes and Enhancements

PrinterOn Enterprise 4.3.4 is a maintenance update that introduces two new features: role-based access to Configuration Manager, and user-specific printer policy. It also includes the HP PageWide Color MFP 780/785 PCL 6 (V3) printer, as well as several security updates and a number of minor bug fixes.

This release supersedes the 4.3.3 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 – Role-based access to Configuration Manager** (CSOSCPS-8415)  
With this release, PrinterOn Enterprise has add several new roles that define more granular roles for PrinterOn administrators. You can now assign three additional administration roles: Printer Admin, User Admin, and Report Admin. When an administrators assigned one of these roles logs in to Configuration Manager, the Configuration Manager UI is tailored to display only those features that are relevant to the role assigned.
- **New – User printer policies** (CSOSCPS-8403)  
With this release, PrinterOn Enterprise has introduced support for printer policies. Printer policies are meant simplify the printing process for a user by defining default values for various print settings. The settings are specific to that user and override the printer defaults. You can assign a printer policy for any user who is likely to commonly select the same setting values for their print jobs, preventing them from having to change the printer default each time they print.
- **New – Support for compressed files when transferring using HTTP Ranges** (CSOPDH-247)  
In PrinterOn Enterprise 4.3.2, support was added for segmented transfer or files between PDH and release stations. This release expands on the feature by allowing segmented transfer of compressed files. With this feature, organizations can have the benefit of reduced network load—in addition to a reduction in the impact of network interruptions—when transferring files.

- **New – Apache Tomcat Upgrade** (CSOSCPS-8464)  
With this release, PrinterOn Enterprise has upgraded the version of Apache Tomcat installed with the software to Tomcat 9.0.44.
- **New – HP PageWide Color MFP 780/785 PCL 6 (V3) printer driver** (CSOSCPS-8450)  
With this release, PrinterOn Enterprise includes the HP PageWide Color MFP 780/785 PCL 6 (V3) printer driver with the software. This driver is intended for use with HP PageWide Color MFP 780 series printers.

## General Improvements and Resolved Issues:

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

- **Fixed – Print release at the printer console does not work on first attempt** (CSOSCPS-8442)  
An issue was identified in an earlier release of PrinterOn Enterprise when attempting to use the PrinterOn Agent for HP app to select and release a print job from the printer console. After logging into the PrinterOn app on the printer, when the user selected a print job and supplied the associated release code to print the document, the print job failed with the error “Printing does not work. Please try again.” If the user clicked OK and tried to print the job again, the job was successfully printed. The issue was caused by the printer attempting to execute the print command before the document URI was received. The issue has been fixed in this release.
- **Fixed – Set the default scheme for Alternate PDH URL** (CSOSCPS-8406)  
In the previous release, when users set the URL for the **Use Alternate/Local Print Delivery Hub to Host Print Jobs** field in the **Output Location** section of the **Printer Configuration** dialog, the http:// prefix was the default. However, because this URL must be secure, the URL must be prefixed with https://, which meant the admin was required to select this prefix from the drop-down every set this URL for a new printer. The UI has been modified such that https:// is now the default prefix for this field.
- **Fixed – Discovery enabled by default for new printers** (CSOSCPS-8404)  
In previous releases, when an administrator added a new printer definition to their service in Configuration Manager, the PrinterOn server was erroneously enabling discovery for the printer. Printer Discovery is only required if you intend to support AirPrint for iOS and macOS users. Because discovery is resource intensive and can lead to increased network latency when enabled, the intention is for administrators to knowingly enabled the feature for printers as needed. This issue only affected printers added by an admin; the three default printers provided upon installation of the service were correctly configured with Discovery disabled by default.
- **Improved – PDH and stopping and starting time** (CSOPDH-248)  
This release introduces improvements in the time it takes to stop and start the PDH. Previously, when an administrator attempted to restart a PDH component, it could take up to a minute or longer to stop the service. Similarly, when starting the service, although the PDH starts immediately, it takes some time before the service is online. The issue was traced back to some network communication inefficiencies when connect with the cloud storage service. After fixing the network communication issues, stopping and starting speeds have been improved significantly.

## 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
  - Torpedo 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 4.3.4 includes the following software:

- Central Print Services 4.3.4.2525
- PrintAnywhere Server 6.3.4.2104
- Print Delivery Gateway 4.3.4.2581
- Print Delivery Station 4.3.4.2781
- Print Delivery Hub 4.3.4.2781
- PrintWhere® 6.3.4.2218
- Sun Java Runtime Environment 11.0.8
- 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.