

PrinterOn Enterprise|Express Edition 3.2.3 Maintenance Update - Release Notes

Version 3.2.3

Product Changes and Enhancements

PrinterOn Enterprise|Express 3.2.3 is a maintenance update to address a few issues reported in the PrinterOn Enterprise|Express 3.2.2 release.

PrinterOn Enterprise|Express 3.2.3 also introduces a number of new administration tools including integrated management of release stations including PrinterOn's Print Delivery Station and the PrinterOn developed Ricoh HotSpot Embedded printers and MFPs, as well as improved release agent deployment support.

This release supersedes the 3.2.2 release and should be used in all cases.

IMPORTANT NOTE: You can only upgrade to PrinterOn Enterprise and Express 3.2 from version 2.5 or higher. For upgrades from previous versions, please update your software to the latest version of 2.5.

PrinterOn Server Updates:

- **New – Integrated Release Station Server Management**
Using the new “Servers” page located under the Printers configuration, administrators may now remotely configure Ricoh HotSpot embedded printers and MFPs as well as desktop PDS deployments. This option for embedded agents was previously limited to Hybrid deployments.
Using the new Release Station Server Manager, administrators may:
 - Assign multiple output devices to embedded agents
 - Configure individual network destinations to each assigned print queue
 - Receive notifications about successful agent communication
 - Configure Secure Release Anywhere and job notification options for embedded agents remotely
 - Assign a virtual printer to the physical printer or MFP hosting the agent to simplify release station configuration
- **New – Complete On-Premise Ricoh HotSpot Embedded Printer/MFP Support – Enterprise Edition Only**
PrinterOn Enterprise Edition along with version the PrinterOn developed Ricoh HotSpot embedded version 6 now fully supports all on-premise operations including remote configuration and end to end reporting.
This integration extends to:
 - Secure Release Anywhere, including Ricoh HotSpot Embedded as a Print Job Router
 - Global PrinterOn Basic and Advance Reporting
 - Automatic configuration of Ricoh Smart Operation Panel devices
 - Support for color and mono MFPs as well as printers including the Ricoh Aficio SP C440DN and Ricoh Aficio SP 4510DN
- **New – Customizable Installation Location**
PrinterOn Enterprise and PrinterOn Express now support custom installation in any folder or partition. Administrators can now select to install application binaries, program data and log files in the location of the choosing. This new flexibility allows IT administrators to easily align PrinterOn server installations with their IT policies.

- **New – Internal Deployment Service URL Configuration**

Administrators may now configure an Internal Service URL directly in the Configuration Manager. The new Internal Service URL is used by components of the server to communicate with Central Print Services when a deployment is distributed. Additional configuration allows administrators to separate URLs and endpoints for internal components, such as Print Delivery Station deployments, and external clients, such as mobile apps. Changes also include automatic updates of the Internal Service URL across all components via the PrinterOn Configuration Manager. This update also resolves a number of issues reported which resulted in internal services URLs being incorrectly saved in sub components such as PDS and PDH.
- **New – Release Station Installation Configuration Automation**

The Internal Service URL may now be exported and included in the PrinterOn Configuration and License file directly from the Configuration Manager. Including an internal service URL works along with an updated installer that will apply the setting when installing sub-components. This new option decreases the steps needed to configure and complete an installation of a PrinterOn Print Delivery Station and other components.
- **New – PrinterOn Job Accounting API Configuration – *Enterprise Edition Only***

PrinterOn Enterprise Administrators now have access to configure and leverage the PrinterOn Job Accounting API to support using a fully On-Premise deployment. This API allows integrators to develop customer authentication and accounting solutions along with the PrinterOn Enterprise server.
- **New – High Performance Logger**

A new high performance asynchronous logger has been introduced to provide greater scalability under heavy loads and high logging requirements.
NOTE: New names have been applied to the existing log levels to align with the new logging utilities.
- **New – Optionally use partial email address as job Owner**

A new option has been added to use only the first portion of the user's email address as the job owner. When enabled, the @ sign and information after the @ sign is removed. For example user.name@company.com becomes "user.name".
- **Improved – Print Delivery Hub Scalability**

A number of performance improvements have been added to the PrinterOn Print Delivery Hub, increasing capacity and reduced system utilization when supporting a large number of release stations.
- **Improved – System Security**

A number of security improvements have been applied throughout the service. Updates have been made to a number of services and libraries to apply the latest available security patches. The Java Runtime has been updated to version 1.8 update 77 with the latest security updates from Oracle.
- **Improved – SQL Server Installation**

Performed overall improvements to the SQL Server installation process to address issues and to ensure that the automated installation continues as expected. The installation correctly requests a reboot after installing SQL Server and will continue the installation following the restart.

- **Improved – Improved PDF print quality and compatibility and performance**
Updated PDF support libraries to address some small document processing issues and provide minor increased print performance.
- **Improved – Detailed control of DNS resolution behavior for PrintAnywhere clustering components**
Administrators may now control whether a reverse DNS lookup is performed by the PrintAnywhere server for cluster members when an IP address is entered as the destination. In previous versions, the server would always perform a reverse DNS lookup prior to resolving and submitting jobs when an IP address was configured.
Note: Enabling reverse DNS resolutions is recommended when operating in a NAT'ed environment.
- **Fixed – Copies option not obeyed for some images**
Addressed an issue that caused the Copies option to be ignored for some image formats, resulting in only a single copy being printed.
- **Fixed – Error PWC7019 reporting printing with PrintSpots Universal Driver**
Addressed an issue printing images when using the PrinterOn PrintSpots Universal driver. The issue identified was introduced in 3.2.0.

Installed Product Information

PrinterOn Enterprise Edition 3.2.3 and Express Edition 3.2.3 both use the PrinterOn Server. Here is what is included.

PrinterOn Server 3.2.3.1340 includes the following software:

- Central Print Services 3.2.3.902
- PrintAnywhere Server 5.2.3.675
- Print Delivery Gateway 3.2.3.604
- Print Delivery Station 3.2.3.836
- Print Delivery Hub 3.2.3.836
- RenderPDF 5.2.3.70
- PrintWhere® 5.2.3.624
- Sun Java Runtime Environment 1.8.0.77
- Tomcat 8.0.24

System Requirements

- A dedicated physical server or virtual machine
- Intel compatible processor with 2GHz multi-core processor
- 2 GB RAM minimum (4 GB recommended)
- 60 GB (6 GB of free disk space for PrinterOn Server software and third party applications)
- Windows Server 2008 (64-bit) or Windows Server 2012 (64-bit), with current patches installed

Please contact support@printeron.com if you have any questions.