

Lexmark Cloud Services

New and Changed Functionality

Lexmark Cloud Service January 2026



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Previous New and Changed Functionality Documents

- **March 2025**

- https://www.lexmark.com/content/dam/lexmark/documents/user-guides/y2021/NA_US_New-and-Changed-Functionality_en-US.pdf

- **January 2025**

- https://www.lexmark.com/content/dam/lexmark/documents/white-paper/y2025/2025-January-New_and_Changed_Functionality.pdf

- **November 2024**

- https://www.lexmark.com/content/dam/lexmark/documents/user-guides/y2025/2024-November-New_and_Changed_Functionality.pdf

- **October 2024**

- https://www.lexmark.com/content/dam/lexmark/documents/user-guides/y2024/2024-October-New_and_Changed_Functionality.pdf

What's New...

- **Lexmark Print Management Client**

- A new version, v3.7.0, of the Lexmark Print Management Client (LPMC) is now available.

- **Print Policy Support for Hybrid Jobs**

- Print Policies now support enforcement for Hybrid jobs, providing consistency across Cloud and Hybrid workflows. Starting with v3.7.0, of the Lexmark Print Management Client (LPMC).

- **LPMC Custom Package Creation Enhancements**

- Administrators can now configure the LPMC configuration file (configuration.json) through an easy-to-use web interface prior to downloading the package.

- **Host URL deprecated**

- **b2ccustomizationsprodsa.blob.core.windows.net** deprecated

What's New in LPMC version 3.7.0

- **Print Policy Support for Hybrid Jobs**

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- **Lexmark Print Management Client**

A new version, v3.7.0, of the Lexmark Print Management Client (LPMC) is now available.

- **Configurable Authentication Port**

Allows customization of the Authentication Port used to listen for login requests from the default browser.

- **Configurable RAW Print Port**

Allows customization of the RAW Print Port used to send Direct Print jobs to devices.

- **Inbound Firewall Rule Configuration**

Allows customization to disable the creation of inbound firewall rules for external access.

- **Direct Print operation sequence**

Allows customization of the order in which Direct Print jobs are sent to devices.

- **Printer Certificate Validation for IPPS and Printcrypton**

Adds support for device certificate validation used during secure printing.

- **Library Updates**

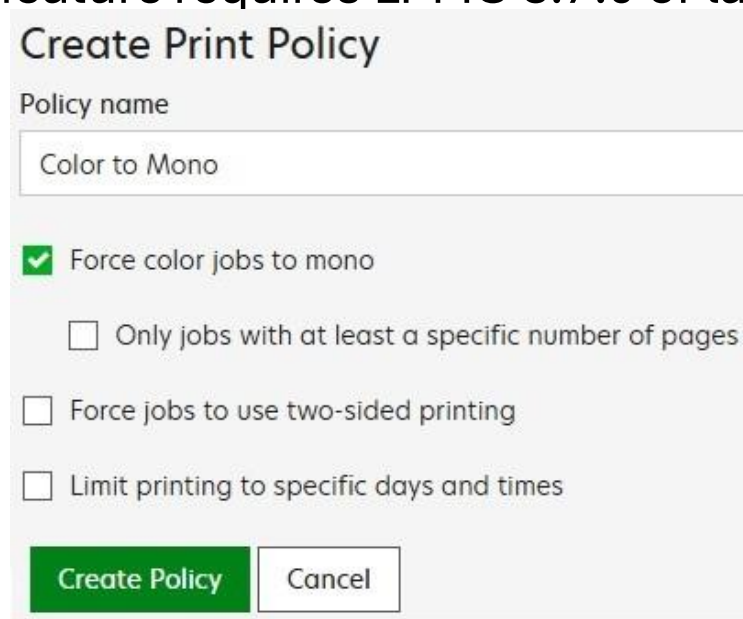
Java Runtime has been updated to 21.0.9, along with updates to Java libraries.

- **Host URL deprecated**

- **b2ccustomizationsprodsa.blob.core.windows.net** deprecated

Print Policy Support for Hybrid

- Print Policy enforcement is now supported for Hybrid jobs, aligning them with existing Cloud job functionality.
- Print Policy enablement, policy definition creation, and assignment processes remain unchanged. Policies previously configured for Cloud jobs will automatically apply to Hybrid jobs.
- Supported policies include forcing color jobs to monochrome, enabling two-sided printing, and limiting printing to specific days and times.
- Support for this feature requires LPMC 3.7.0 or later.



Create Print Policy

Policy name

Color to Mono

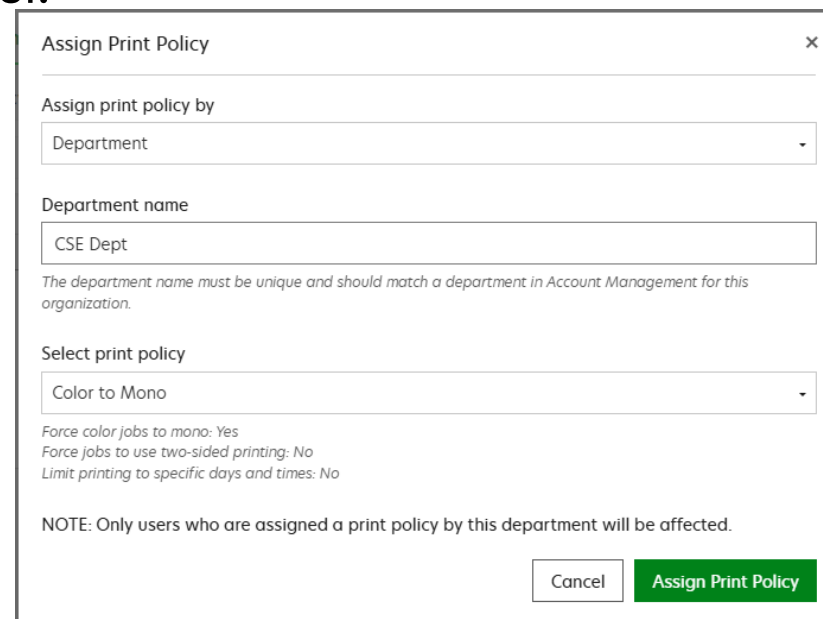
☒ Force color jobs to mono

☐ Only jobs with at least a specific number of pages

☐ Force jobs to use two-sided printing

☐ Limit printing to specific days and times

Create Policy **Cancel**



Assign Print Policy x

Assign print policy by

Department

Department name

CSE Dept

The department name must be unique and should match a department in Account Management for this organization.

Select print policy

Color to Mono

Force color jobs to mono: Yes
Force jobs to use two-sided printing: No
Limit printing to specific days and times: No

NOTE: Only users who are assigned a print policy by this department will be affected.

Cancel **Assign Print Policy**

Configurable Authentication Port (authCodePort)

- Allows customization of the Authentication Port used to listen for login requests from the default browser.
- This gives admins the flexibility to change the default port (3333) if it conflicts with other applications on the system. For multi-user systems, the configured port serves as the initial port in a sequence, one assigned per user, that the service listens on for authentication.
- Set ***authCodePort*** in LPMC configuration.json

```
"listenerPortSettings": {  
  "universalServicePort": 9443,  
  "authCodePort": 3333,  
  "isUniversalServiceInboundFirewallAllowed": true  
}
```

Configurable RAW Print Port (rawPrintPort)

- Allows customization of the RAW Print Port used to send Direct Print jobs to devices.
- This provides flexibility to alter the default port in case customers want to configure their devices to use a different port.
- By default, port is 9100.
- Set ***rawPrintPort*** in LPMC configuration.json

```
"offlinePrintSettings": {  
  "rawPrintPort": 9100,  
  "printMethods": [ "printcrypton", "raw" ]  
}
```

Inbound Firewall Rule Configuration

- Allows customization of whether the inbound firewall rule is created to enable LPMC access from outside the workstation, giving customers full control over when inbound access is permitted.
- Inbound Firewall Rule is needed for the following:
 - Releasing Hybrid jobs from the workstation.
 - Direct (or Offline) Print True-up job accounting.
- By default, firewall rule will be created (**true**).
- Set ***isUniversalServiceInboundFirewallAllowed*** in LPMC configuration.json

```
"listenerPortSettings": {  
  "universalServicePort": 9443,  
  "authCodePort": 3333,  
  "isUniversalServiceInboundFirewallAllowed": true  
}
```


Direct Print Operation Sequence

- Allows customization of the order of Direct and Offline print-job sending methods, providing full control over which methods are used and in what sequence.
- Supported job sending methods – IPPS, PrintCryption2, IPP, and RAW
- By default; ["ipps", "printcryption", "ipp", "raw"]
- PCL XL jobs support only the PrintCryption2 and Raw sending methods.
- Unsupported methods are skipped, and processing continues with the next item in the list.
- Set ***printMethods*** in LPMC configuration.json

```
"offlinePrintSettings": {  
  "rawPrintPort": 9100,  
  "printMethods": [ "ipps", "printcryption", "ipp", "raw" ]  
}
```

Printer Certificate Validation for IPPS and Printcrypton

- Allows users to enable device-certificate validation for IPPS and PrintCryption2, enhancing security for direct and offline print jobs.
- Certificate validation includes format checks, trust verification using the LPMC trust store (OS Trust Store on Windows, LPMCTrustCerts on Mac/Linux), and confirmation that the certificate has not expired.
- If certificate validation fails, the event is logged, and the associated print job is cancelled.
- By default, certificate validate is disabled (false)
- Set ***printerCertificateValidationSwitch*** in LPMC configuration.json

```
"certificateValidationSettings": {  
  "certificateValidationSwitch": true,  
  "certificateValidationDebugMode": false,  
  "certificateRevocationMode": 0,  
  "printerCertificateValidationSwitch": false  
}
```

Library Updates

Java Runtime has been updated to 21.0.9, along with updates to Java libraries.

LPMC Custom Package Creation Enhancements

- Administrators can now fully configure all available settings in the LPMC configuration file (configuration.json) before downloading a custom LPMC package. This enhancement provides complete control over configuration parameters through an easy-to-use web interface.
- The update also introduces a new multi-pane layout that organizes configuration areas into clear, intuitive sections, improving navigation and making package customization more efficient.
- Accessing this functionality remains unchanged: navigate to Print Clients, select your client type, and choose Custom as the package type.

The screenshot displays the 'Create Custom Windows Package' web interface. At the top, navigation links include 'Print Queue', 'Delegates', 'Print Job History', 'Administration', and 'Print Clients'. The breadcrumb trail shows 'Select Organization: Professional Services Demo - NA (CIAM) > Print Clients > Create Custom Windows Package'. The main title is 'Create Custom Windows Package'.

On the left, a sidebar menu lists configuration sections: 'Logger', 'User Interface', 'Server', 'Certificate Validation', 'Web Proxy', 'Print Mode' (highlighted with a green bar and an information icon), 'Cloud Print', 'Hybrid Print', 'Direct Print', 'Offline & Direct Print', 'Driver & Queue', 'Network', 'Interface', 'Subnet Filter', 'Listener Port', 'Scheduling', and 'User Folder'.

The main content area contains the following settings:

- ☒ **Enable Cloud Print job submissions**
Enable to send print jobs via a cloud proxy.
- Print queue name**
 - ☒ Use default name [Cloud Print Management]
 - ☐ Set custom name

Print queue name must be at least 3 characters and not include special characters \/,#
- Loopback Port Number**

Range: 0 to 65535

At the bottom, there are 'Create' and 'Cancel' buttons.

LPMC Custom Package Creation Enhancements

For more information, refer to the Lexmark Cloud Services Manuals and Guides:

https://support.lexmark.com/en_us/manuals-guides/solution/Lexmark-Cloud-Platform.html

Host URL deprecated

Lexmark Cloud Services no longer uses **b2ccustomizationsprodsa.blob.core.windows.net**, so it can be safely removed from firewall and proxy allow lists.

Lexmark Cloud Services
Infrastructure



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Lexmark Cloud Services Infrastructure: EU Hosts

EU Data Center Hosts

- Ensure traffic is allowed to the following hostnames.
 - All hosts use port 443.

Function	Used by	Hosts for the EU Data Center
Identity Provider	All customers	idp.eu.iss.lexmark.com
Identity Provider	All customers	login.microsoftonline.com
Identity Provider	All customers	lexmarkb2ceu.b2clogin.com
Identity Provider	All customers	lexmarkb2c.b2clogin.com
API	All customers	api.eu.iss.lexmark.com
APIS	All customers	apis.eu.iss.lexmark.com
Cloud Fleet Management	All customers	eu.iss.lexmark.com
Cloud Fleet Management	All customers	prod-westeu-lex-cloud-iot.azure-devices.net
Cloud Fleet Management	Native Agent only	apis.iss.lexmark.com
Cloud Fleet Management	Native Agent only	iss.lexmark.com
Cloud Fleet Management	Native Agent only	prod-lex-cloud-iot.azure-devices.net
Cloud Fleet Management	Native Agent only	global.azure-devices-provisioning.net
Cloud Fleet Management	All customers	prodwesteucloudk8s54.blob.core.windows.net
CCS	All customers	ccs.lexmark.com
CDN	All customers	ccs-cdn.lexmark.com
Cloud Print Management	CPM only	prodwesteucloudk8s199.blob.core.windows.net

Lexmark Cloud Services Infrastructure: US Hosts

US Data Center Hosts

- Ensure traffic is allowed to the following hostnames.

- All hosts use port 443.

Function	Used by	Hosts for the US Data Center
Identity Provider	All customers	idp.us.iss.lexmark.com
Identity Provider	All customers	login.microsoftonline.com
Identity Provider	All customers	lexmarkb2c.b2clogin.com
API	All customers	api.us.iss.lexmark.com
APIS	All customers	apis.us.iss.lexmark.com
Cloud Fleet Management	All customers	us.iss.lexmark.com
Cloud Fleet Management	All customers	prod-lex-cloud-iot.azure-devices.net
Cloud Fleet Management	Native Agent only	apis.iss.lexmark.com
Cloud Fleet Management	Native Agent only	iss.lexmark.com
Cloud Fleet Management	Native Agent only	global.azure-devices-provisioning.net
Cloud Fleet Management	All customers	prodlexcloudk8s239.blob.core.windows.net
CCS	All customers	ccs.lexmark.com
CDN	All customers	ccs-cdn.lexmark.com
Cloud Print Management	CPM only	prodlexcloudk8s19.blob.core.windows.net