

Lexmark Security Advisory:

Revision: 1.0
Last update: July 12 2021
Public Release Date: July 15 2021

Summary

The Lexmark Universal Print Driver contains a local escalation of privilege vulnerability.

References

CVE: CVE-2021-35449

Details

The Lexmark Universal Print Driver contains a vulnerability that allows the user that installed the driver to execute a DLL of their choosing with SYSTEM privileges.

Updating the Windows Lexmark Universal Print Driver will correct the issue.

CVSSv3 Base Score	7.8	(AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H)
Impact Subscore:	5.9	
Exploitability Subscore:	1.8	

CVSSv3 scores are calculated in accordance with CVSS version 3.1 (<https://www.first.org/cvss/user-guide>)

Impact

Successful exploitation of this vulnerability can lead to attacker-controlled code running with SYSTEM privileges.

Affected Products

Lexmark Printer Software G2 Driver and Software 1.8.0.0 and previous versions
Lexmark Printer Software G2 Postscript Driver Package 2.7.1.0 and previous versions
Lexmark Printer Software G2 PCL5 Driver Package 2.7.1.0 and previous versions
Lexmark Printer Software G2 PCL XL Driver Package 2.7.1.0 and previous versions
Lexmark Printer Software G3 Driver and Software 1.2.0.0 and previous versions
Lexmark Printer Software G3 PCL5 Driver Package 3.2.0.0 and previous versions
Lexmark Printer Software G3 PCL XL Driver Package 3.2.0.0 and previous versions
Lexmark Printer Software G3 Postscript Driver Package 3.2.0.0 and previous versions
Lexmark Printer Software G4 Driver and Software 1.3.0.0 and previous versions
Lexmark Printer Software G4 HBP Driver Package 4.2.1.0 and previous versions
Standalone/Co-Existing Universal Print Driver Installation Package 2.15.1.0 (HBP) and previous versions
Standalone/Co-Existing Universal HBP Print Driver v2.15.1.0 and previous versions
Universal Print Driver Installation Package 2.15.1.0 (HBP) and previous versions
Universal HBP Print Driver 2.15.1.0 and previous versions
Standalone/Co-Existing Universal Print Driver Installation Package 2.15.1.0 and previous versions

Standalone/Co-Existing Universal PostScript 3 Emulation Print Driver 2.15.1.0 and previous versions
Standalone/Co-Existing Universal PCL XL Emulation Print Driver 2.15.1.0 and previous versions
Standalone/Co-Existing Universal PCL5e Emulation Print Driver 2.15.1.0 and previous versions
Universal Print Driver Installation Package 2.15.1.0 and previous versions
Universal PostScript 3 Emulation Print Driver v2.15.1.0 and previous versions
Universal PCL5e Emulation Print Driver v2.15.1.0 and previous versions
Universal PCL XL Emulation Print Driver v2.15.1.0 and previous versions

Obtaining Updated Software

To obtain the patched Software, please visit:

- Lexmark Printer Software G2 Driver and Software version 1.9.0.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000440.html
- Lexmark Printer Software G2 Postscript Driver Package version 2.7.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000421.html
- Lexmark Printer Software G2 PCL5 Driver Package version 2.7.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000422.html
- Lexmark Printer Software G2 PCL XL Driver Package version 2.7.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000423.html

- Lexmark Printer Software G3 Driver and Software version 1.3.0.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000439.html
- Lexmark Printer Software G3 PCL5 Driver Package version 3.2.1.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000418.html
- Lexmark Printer Software G3 PCL XL Driver Package version 3.2.1.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000419.html
- Lexmark Printer Software G3 Postscript Driver Package version 3.2.1.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000420.html

- Lexmark Printer Software G4 Driver and Software version 1.4.0.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000438.html
- Lexmark Printer Software G4 HBP Driver Package version 4.2.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000424.html
- Standalone/Co-Existing Universal Print Driver Installation Package v2.15.2.0 (HBP)
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000426.html
- Standalone/Co-Existing Universal HBP Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000425.html

- Universal Print Driver Installation Package v2.15.2.0 (HBP)
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000428.html
- Universal HBP Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000427.html
- Standalone/Co-Existing Universal Print Driver Installation Package v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000432.html
- Standalone/Co-Existing Universal PostScript 3 Emulation Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000429.html
- Standalone/Co-Existing Universal PCL XL Emulation Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000431.html

- Standalone/Co-Existing Universal PCL5e Emulation Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000430.html
- Universal Print Driver Installation Package v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000435.html
- Universal PostScript 3 Emulation Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000433.html
- Universal PCL5e Emulation Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000434.html
- Universal PCL XL Emulation Print Driver v2.15.2.0
https://www.lexmark.com/content/iss/www-lexmark-com/en_us/support/download.DRI1000436.html

Otherwise contact Lexmark's Technical Support Center at <http://support.lexmark.com> to find your local support center.

Workarounds

Lexmark recommends updating the application if you have a vulnerable version.

Exploitation and Public Announcements

Lexmark is not aware of any malicious use of the vulnerability described in this advisory.

Lexmark would like to thank Jacob Baines for bringing this issue to our attention.

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Revision History

<u>Revision</u>	<u>Date</u>	<u>Reason</u>
1.0	12 July 2021	Initial Public Release