

Xerox Security Bulletin XRX11-001

Software Update to Address Command Injection

v1.0

02/04/11

Background

A command injection vulnerability exists in the Web Server of the products listed below. If exploited, the vulnerability could allow remote attackers to execute arbitrary code via carefully crafted inputs on the affected web page. Customer and user passwords are not exposed.

A software solution (patch P45) is provided for the products listed below. This solution is designed to be installed by the customer. Please follow the procedures below to install the update to help protect your product from this issue.

The software solution is compressed into a 1.1 MB zip file and can be accessed via the link below or via the link following this bulletin announcement on <http://www.xerox.com/security>.

http://www.xerox.com/downloads/usa/en/c/cert_WC76xx_P45v2_Patch.zip

This solution is classified as an **Important** patch.

Acknowledgment

Xerox wishes to thank thelightcosine for initially notifying us of this vulnerability.

Applicability

The system software releases apply to network-connected versions¹ only of the following products:

WorkCentre®

7655

7665

7675

¹If the product is not connected to the network, it is not vulnerable and therefore no action is required.

Install Instructions

Install Instructions

Patch file name: **WC76xx_P45v2.dlm**

This patch can be installed to your systems as outlined below.

Summary of versions and actions:

- Determine starting System Software version or Network Controller Version.
- Determine if patch is needed.
- Apply the patch if needed.

For WC 7655/7665/7675

	If Your Software Version Is System SW or Net Controller		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
1	040.032.xxxxx	040.032.xxxxx	No	Call Service to Upgrade to 040.033.53050	Load P45 patch	040.033.53050.xx.xx.P45v2
2	040.033.50500 to 040.033.53040	040.033.50500 to 040.033.53040	No	Upgrade to 040.033.53050	Load P45 patch	040.033.53050.xx.xx.P45v2
3	040.033.53050 to 040.033.53210	040.033.53050 to 040.033.53210	Yes	Load P45 patch	-	040.033.53050.xx.xx.P45v2 to 040.033.53165.xx.xx.P45v2
4	040.033.53220 and above	040.033.53220 and above	NA – fix is already in the software	Done	-	-

Install the Patch

You must download the patch. The patch is packaged in a ZIP format. Download the ZIP file from the URL provided and extract all contents to your desktop. Do not try to open the file with the .dlm extension. This is the patch and must be loaded on the MFD as is.

Patch Installation Methods

This patch and upgrade (like most software) can and should be installed by the customer. There are a variety of methods available for this.

- Send an Upgrade / Patch file to the device using the device web page for Machine Software Upgrade method.
- Upgrade / Patch a single device using an LPR command.
- Upgrade / Patch several devices using a batch of LPR commands.
- Using XDM and CentreWare Web to send Upgrade / Patch files to several devices.

For additional information on the above methods refer to Customer Tip “How to Upgrade, Patch or Clone Xerox Multifunction Devices” (<http://www.office.xerox.com/support/dctips/dc06cc0410.pdf>)



Machine Software (Upgrade) Method

- 1) Open a web browser and connect to the multifunction device by entering the IP number of the device.
- 2) Select the "Index" icon in the upper middle portion of the screen.
- 3) Select "Machine Upgrade."
- 4) Enter the User Name and Password of the device.
- 5) Under "Manual Upgrade" select Browse button to find and select the file, **WC76xx_P45v2.dlm**
- 6) Select the "Install Software" button.
- 7) All WorkCentres will automatically reboot in order to install the patch. The patch is installed when **.P45v2** is appended to the Network Controller (ESS) version number.

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