

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 <u>http://www.xerox.com/security</u>.

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

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" (<u>http://www.office.xerox.com/support/dctips/dc06cc0410.pdf</u>)



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.

Disclaimer

The information provided in this Xerox Product Response is provided "as is" without warranty of any kind. Xerox Corporation disclaims all warranties, either express or implied, including the warranties of merchantability and fitness for a particular purpose. In no event shall Xerox Corporation be liable for any damages whatsoever resulting from user's use or disregard of the information provided in this Xerox Product Response including direct, indirect, incidental, consequential, loss of business profits or special damages, even if Xerox Corporation has been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of liability for consequential damages so the foregoing limitation may not apply.