



# Xerox Security Bulletin XRX12-009

## FreeFlow Print Server v7.3

July 2012 Security Patch Cluster (includes Java 6 Update 33 Software)

v1.1

10/29/2012

## Background

Oracle delivers quarterly Critical Patch Updates (CPU) to address US-CERT-announced Security vulnerabilities and deliver reliability improvements to the Solaris Operating System. Oracle no longer provides these patches to the general public, but Xerox is authorized to deliver them to Customers with active FreeFlow Print Server (FFPS) Support contracts (FSMA). Customers who may have an Oracle Support Contract for their non-FFPS Solaris Servers should not install patches that have not been customized by Xerox. Otherwise the FFPS software could be damaged and result in downtime and a lengthy re-installation service call.

This bulletin announces the availability of the following:

1. **July 2012 Security Patch Cluster**
  - ✓ This supersedes the April 2012 Security Patch Cluster
2. **Java 6 Update 33 Software**
  - ✓ This supersedes Java 6 Update 31 Software

The Security vulnerabilities that are remediated with this FFPS Security patch delivery are as follows:

CVE-2004-0981	CVE-2008-3529	CVE-2011-4028	CVE-2012-1765	CVE-2012-3127	CVE-2012-1720
CVE-2005-0759	CVE-2010-4008	CVE-2011-4516	CVE-2012-2110	CVE-2012-3129	CVE-2012-1721
CVE-2005-0760	CVE-2011-0216	CVE-2011-4517	CVE-2012-2131	CVE-2012-3131	CVE-2012-1722
CVE-2005-0761	CVE-2011-1944	CVE-2011-4317	CVE-2012-2333	CVE-2012-0551	CVE-2012-1723
CVE-2005-0762	CVE-2011-2699	CVE-2012-0053	CVE-2012-3112	CVE-2012-1711	CVE-2012-1724
CVE-2005-1739	CVE-2011-2821	CVE-2012-0031	CVE-2012-2333	CVE-2012-1713	CVE-2012-1725
CVE-2007-4985	CVE-2011-2834	CVE-2012-0768	CVE-2012-3112	CVE-2012-1716	
CVE-2007-4986	CVE-2011-3607	CVE-2012-0769	CVE-2012-3121	CVE-2012-1717	
CVE-2007-4987	CVE-2011-3905	CVE-2012-1173	CVE-2012-3123	CVE-2012-1718	
CVE-2007-4988	CVE-2011-3919	CVE-2012-1750	CVE-2012-3124	CVE-2012-1719	

**Note:** Xerox recommends that customers evaluate their security needs periodically and if they need Security patches to address the above CVE issues, schedule an activity with their Xerox Service team to install this announced Security Patch Cluster.

## Applicability

These Security updates are intended for Xerox printer products running one of the FFPS 73.C0.41 or 73.B3.61 SPAR software releases. This Security patch update has only been tested on these software releases and it is recommended that they be installed on these FFPS software release versions. They have not been tested with the FFPS 73.B0.73 and 73.A3.31 software releases.

The Xerox CSE/Analyst is provided a tool (accessible from CFO Web site) that enables them to confirm the currently installed FFPS software release, Security Patch Cluster, and Java Software version. When this Security update has been installed on the FFPS system, this script will output the following:

**FFPS Release Version:** 7.0\_SP-3 (73.C0.41.86)  
**FFPS Patch Cluster:** July 2012  
**Java Version:** Java 6 Update 33

## Patch Install Methods

The install of these Security patches must be performed by the Xerox Customer Service Engineer (CSE) or Analyst. The customer process to obtain this Security update is to call the Xerox support number to request the service.

Xerox strives to deliver these critical Security patch updates in a timely manner. They are available from the Xerox Support organization, and can be delivered electronically over the Internet to the FFPS system via a GUI tool called the FFPS Update Manager. The other method of delivery is an FTP transfer to the FFPS system or writing the patch cluster to DVD/USB media. A more detailed description of the methods used by the CSE/Analyst to install the Security patches is as follows:

### FFPS Update Manager GUI

Once the Security patches are ready for customer delivery they are made available from the Xerox Edge Host and Download servers. The CSE/Analyst uses the Update Manager GUI on the FFPS system to download and install the Security patches over the Internet. When the Xerox server is checked for updates from FFPS Update Manager, this Security patch update is listed as “**July 2012 Security Patch Cluster (FFPS v7.3)**”.

This requires that the FFPS system be configured with the customer proxy information to gain Security patch update access from the Xerox servers. The connection is initiated by the FFPS system and the Xerox servers do not have access to the customer network. The Xerox server and FFPS system both authenticate each other before a data transfer can be successfully established between the two end points.

### Hard Disk, DVD/USB Media

Once the Security patch updates are ready for customer delivery they are made available on the CFO Web site. The CSE/Analyst can download and prepare for the install by writing the Security patch update into a well-known directory on the FFPS system, or on DVD/USB media. The FFPS Security Patch Cluster is delivered as an ISO image and ZIP archive file to provide the Xerox Service Representative options to choose an install method. Once the patch cluster has been prepared on media an install script can be run to perform the install. The install script accepts an argument that identifies the media that contains a copy of the FFPS Security Patch Cluster. (E.g., # installSecPatches.sh [ disk | dvd | usb ]).



**Important:** The install of this Security patch update can fail if the archive file containing the patches is corrupted from file transfer or writing to DVD media. There have been reported install failures when the archive file written on DVD media was corrupt. The Security patch update could be corrupted when writing to media by particular DVD burn applications writing on some DVD media types. It is very important that the Security patch archive written onto the DVD install media be verified with the original archive file that was written to DVD.

The Security patch cluster is delivered as a ZIP and an ISO file. The file size and check sum of these files on Windows and Solaris are as follows:

Security Patch File	Windows Size (Kb)	Solaris Size (bytes)	Solaris Checksum
JulyAndJava6U33Patches_v7.zip	1,612,570	1651270775	49399 3225139
JulyAndJava6U33Patches_v7.iso	1,612,920	1651630080	9057 3225840

The **JulyAndJava6U31Patches\_v7.zip** listed on the DVD media can be verified by comparing it to the original archive file size and checksum. Copy this archive to a location on the FFPS system and type **'sum JulyAndJava6U31Patches\_v7.zip'** from a terminal window. The checksum value should be **'49399 3225139'**, and this validates the correct July 2012 Security Patch Cluster is written on the DVD.

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