## Adding 32 bit print drivers to 64 bit Windows Server 2008

The old simple fashion way adding a printer driver seems to be way more difficult than it was, especially starting from Windows Vista to Windows 2008 R2.



Just trying to install the x86 additional drivers after the printer driver installation on a typical windows Vista (or higher) x64 bits, will failed and display the error message below:

×	The selected driver must be installed remotely from an x86 computer using Type 3 (User mode) drivers.

Here are the steps to follow for an 32bits printer driver installation on an x64 bits O.S.

First of all you have to install Printer Server on your 64-bit machine.

## **Installing Windows Server 2008 Print Management Components**

As with all the Windows Server 2008 components, you should install the Print Services Role via the Server Manager interface. After it has been selected, three sub-services are associated with the Print Services role:

• **Print Server**. Includes the Print Management MMC snap-in which manages the print servers and their prints, as well as the capability to migrate printers between print servers. This is the same MMC which is included in Windows Vista Business, Enterprise, and Ultimate. Windows Vista can manage a Windows Server 2008 printer environment in small environments of up to ten concurrent network connections.

- LPD Service. The Line Printer Daemon is designed to provide print support for UNIX-based clients.
- Internet Printing. Enables Web-based print server management, and also provides Internet Printing Protocol support which allows for printing to a print server from the Web. Since the Internet Printing feature operates from a web site, the print server also needs to have the Web Server role installed. The Web Server role is automatically selected and enabled when the Internet Printing sub-role is selected.

Once you've completed this step, you're now ready to export your printer driver as illustrated below:

Connect on your Windows 64 bits machine for the import step, and go to Administrative Tools->Print Management, right click and choose the Import option

⊱ Print Management					
File Action View Help					
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Print Management		Name			
Custom Filters  Custom Filters  All Printers (1)  All Drivers (1)  All Drivers (1)  Printers Not Reac  Printers With Job  Print Servers	ly i	Drivers Forms Ports Printers			
☐ w2k8envan64bit ⊞ a Drivers ■ Corms	Add Prin Export p	ter rinters to a file			
Ports     Printers     Deployed Printers	Import p Set Notif Propertie	rinters from a file fications es			
	View		•		
	Export Li	ist,			
	Help				

**Figure 1 - Import Action** 



Figure 2 - Select the file to import

The following objects will be imported	to the server:		
Print Queues: PlanetPress Printer			
Printer Drivers: Objectif Lune Printer Drive	er (PS)		

Figure 3 - The printer driver information you will be importing

Import mode:	Keep	existing printe	ers; import copies		
If the printer int	Overv	write existing p	printers	u:	
server, the prin changed.	ter will not be	restored. In	e existing printer	on the server will	not be
List in the director	y: List p	rinters that we	ere previously list	ted	
Convert I PR P	orts to Stand	ard Port Monit	tors		
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Figure 4 - Printer driver options for the import

Imp	orting
	Importing settings
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**Figure 5 - Import process** 

📸 Printer Migration			×
Importing			
Import complete			
The operation completed with no errors.			
Open Event Viewer			
	10.1		
	< Back	Finish	Cancel

Figure 6 - Complete import with success

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Print Servers  v2k8envan84bits (loca)  Drivers  Drivers  Comparis  V Ports  Printers  V Ports  Printers  V	Hep				

Figure 7 - Check the import

Name:	Objectif Lune Printer Driver (PS)	
Version:	Type 3 - User Mode	
Processor:	x86	
Language monitor:		
Default data type:		
Driver eaths	C:\Windows\system32\spool\DPI	/EDS\W/32X86\3
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Description Help File Config File Data File Driver File Description	File PSCRIPT.HLP PSSUI.DLL PPS.PPD PSCRIPT5.DLL PDC INT	

Figure 8 - The printer driver information

The figure 13 dialog, show that the installation by the import complete and the printer driver was installed correctly as wanted.