

Chapter 1 : How to Install the Printer on Windows Server Part 1

Introduction. In my previous article you learned How to Install the Print Server in Windows Server Today's article continues from that article. Today you will learn how to install a printer on Windows Server

October 24, by Robert Pearman 30 Comments I have seen and heard of people struggling to install printer drivers in mixed x64 and x86 environments, it has been a problem for a long time now, probably as far back as XP x64, certainly it was an issue with SBS. The problem being in order to install a printer on the Server, you need the x64 bit driver, but on a client pc you may be on x86 32Bit Windows, so you need a different driver. Essentials is no different. So, i thought i would just get an example together using a printer i have here in the office, an HP Laserjet. This is a good example actually because when you install it to WSE12, it picks up a valid driver, but there is no equivalent driver for Windows client available from HP. From Start, choose Control Panel. Chose to Add a Printer. Windows will attempt to connect to the printer and find a driver. You can chose to share the printer at this point, but i would change that to No for the time being. Once that is installed, you will be back to the Devices and Printers window. Switch to the Drivers tab, and you can see all the available drivers your server has for printers. This is where we will add our x86 32bit Printer Driver. You will need to download that from your manufacturer. Click on Change Driver Settings, then Add. The Add Driver Wizard will start. First we chose the Architecture that the Driver is for, in this case it is the x64 driver we want. Next you chose the Driver files. I will click on Have Disk, and browse the to the x64 universal print driver folder. Then you can finish the wizard. You can then repeat this process, but chose the x86 driver, and then chose the x86 Universal Print Driver folder. At this point we have now installed 2 additional print drivers. You can see those listed. Now, we need to change the driver that Windows uses for the printer we installed. Currently if we shared the printer AS IS, x86 clients would search for a 32bit equivalent driver for the HP Laserjet, which it will not find. In Devices and Printers, double click your printer, and then go to Customise. You will see the Universal Print Driver listed. At this point we can now Share the printer. You can chose the Share name, and check the box to list the printer in the directory. At this point, we have installed a printer, installed the drivers so it is available to x64 and x86 clients, and shared it to make it available to network users. You are now free to deploy the printer using your favourite method, either using Group Policy Preferences, or just having your users manually installing it. Hope you find this useful.

Chapter 2 : Config Remote Desktop Easy Print on Server R2 – TheITBros

And also the regular workstations and server get the correct default printer so the only problem now is it not setting the correct default printer through a remote desktop connection Edited by calendrierdelascience.coman Tuesday, September 08, AM.

By KW Jun 27 These are my abbreviated notes on setting up a network printer on WE, with both bit and bit drivers installed. All steps take place on the Windows Server Essentials console. I will be installing drivers for an HP LaserJet printer. For my needs, I downloaded the drivers for Windows 7 32bit and Windows 64 bit. Next, extract the driver files to subfolders. In my case, the HP files I downloaded are self-extracting files. But be sure you uncheck the option to run the install immediately after extracting the files. Finally, before proceeding, make sure you know the IP address of your network printer. It will scan for new printers, and we should expect that it will not find any. On the next screen, click on the Add a local or network printer as an administrator link. Wait while Windows looks for the printer. If the printer has a built in network adapter, you should see an appropriate Printer Class Driver selected. However, in my case, the Laserjet is connected to the network via a D-Link print server adapter. Windows lists it as a generic network port and ask that I confirm that I had entered the correct IP address. This time it will ask me to identify the type of printer. We can share the printer later on. Section 3 – Install the required Print Drivers Open up the Devices and Printers window, select your printer, and then click on Print server properties Click on the Drivers tab, and then click on Change Driver Settings. The window will refresh. This will start the Add Printer Driver Wizard. Select the x64 box leaving the x86 box unchecked and click Next Click Have Disk and then click Browse and locate the x64 print driver folder. For this HP printer, there was a list of. But wait, we still have to install the 32 bit driver in a similar fashion! Section 4 – Change the Selected Print Drivers Return back to the Devices and Printers window Double click on your printer, and then double click on Customize your printer Click on the Advanced tab, and change the print driver to the one we just installed. If you wish, you can also click on the Sharing tab, and make the printer available.

Chapter 3 : send raw file to a printer with windows server R2 as printer server from a windows 7 client

If you already know how to add a printer to Windows Server R2, you'll find PrinterLogic's web-based GUI easy to navigate and intuitive. Yet the available options are more fine-grained and give you a much broader spectrum of control.

You have not selected any files to download. A download manager is recommended for downloading multiple files. Microsoft Download Manager Manage all your internet downloads with this easy-to-use manager. It features a simple interface with many customizable options: Download multiple files at one time Download large files quickly and reliably Suspend active downloads and resume downloads that have failed Would you like to install the Microsoft Download Manager? Generally, a download manager enables downloading of large files or multiples files in one session. Many web browsers, such as Internet Explorer 9, include a download manager. Stand-alone download managers also are available, including the Microsoft Download Manager. You may not be able to download multiple files at the same time. In this case, you will have to download the files individually. You would have the opportunity to download individual files on the "Thank you for downloading" page after completing your download. Files larger than 1 GB may take much longer to download and might not download correctly. You might not be able to pause the active downloads or resume downloads that have failed. The Microsoft Download Manager solves these potential problems. It gives you the ability to download multiple files at one time and download large files quickly and reliably. It also allows you to suspend active downloads and resume downloads that have failed. Microsoft Download Manager is free and available for download now. Back Next This management pack monitors the performance and availability of the Print Server role running on various Windows Server and R2 operating systems. There are multiple files available for this download. Once you click on the "Download" button, you will be prompted to select the files you need.

Chapter 4 : How to Install and Configure a Print Server in Windows Server R2

How to Install and Configure a Print Server in Windows Server R2 A Printer is one of the most important devices for an office network and being a system administrator you should be able to deploy it.

Network Make sure that the software package MSI has been installed on the client computer. Make sure that the printer you want to install is already on the network and has a valid IP address. Write down the IP address or hostname of the network printer that you want to install. Using an administrator account, run the following command on the target computer to start the network install process: This starts a process that uses the specified IP address or hostname to find and install the network printer. The entire process is done silently without displaying any UI. If the install is successful, it returns a value of 0. Otherwise, it returns a non-zero error code. Potential issues during network installation The following is a list of potential issues that might cause the network installation to fail: A firewall blocks the installer from communicating with the network printer. If the target computer is running a firewall, make sure that the firewall allows the installer process DeviceSetup. See the Firewall Requirements section for processes that must be allowed access through a firewall. The hostname might not be resolving to a valid IP address. If you are using the printer hostname to install, make sure that a name resolution service e. Make sure that you run DeviceSetup. You might have entered an incorrect IP address or hostname. Make sure that you specify the correct IP address or hostname in the command line. The printer might be turned off, or is off the network. Make sure that the printer is plugged in and turned on. If the printer is connected to the network with an Ethernet cable, check the cable and its connection. If the printer is connected wirelessly, make sure that the printer is still connected to the network. Multicast discovery The normal behavior for HP printer software is that it discovers and rediscovers printers on the network using Web Services Discovery, which sends multicast UDP packets. In the enterprise release, the software uses only unicast UDP or TCP packets to try to relocate the printer after it has been installed. This enables the software to function properly on a network where multicast is disabled. Multicast rediscovery can be re-enabled in the software by changing the config. This file contains a section similar to the following: However, the software no longer functions on a network when multicast is disabled or if a firewall is blocking outgoing multicast packets or incoming responses. Off-subnet printers The process described in the section to install a network printer is the same process used to install a printer on a different subnet than the computer on which it is being installed. Follow those instructions to install such a printer. However, since the printer is installed on a different subnet than the computer, the client computer cannot rediscover the printer if the IP address or hostname of the printer changes. The section below describes how to update the client computer if the IP or hostname of the printer is changed. Updating the software to use a new IP address The IP address or host name of a network printer can change after the printer has been installed on the computer. Follow these steps to update the IP address or host name for an installed printer. If multiple instances of the printer are installed, click the printer you want to update with a new IP address. Another dialog box opens. Type the IP address in the field to enable the Search button, and then click the Search button to make sure that the IP address is correct. The Save button is enabled after you enter an IP address. Click the Save button to save the IP address in the field. Searching does not update the IP address. Click Save to actually update the IP address. The installed software uses the new IP address. Using an administrator account, run the following command on the target computer to change the IP address of a network installed printer: Using an administrator account, run the following command on the target computer to change the host name of a network installed printer: This starts a process that attempts to find the network installed printer with the given serial number, and then change it to use the new host name. If the operation is successful, it will return a value of 0. Otherwise, it will return a non-zero error code. Potential issues The following are potential issues that might cause the update to fail: You might have entered an incorrect serial number. Make sure that you specify the correct serial number for the network printer in the command line. Firewall requirements When installing a network printer, the HP software and drivers must communicate with the printer over the network. Firewall software might interfere with this communication. If so, add rules to any firewall software to allow the following applications to

communicate with printers on the local subnet: Printing also uses a TCP connection on ports and In most cases, the firewall allows this type of traffic without any problems. If your firewall software does not allow this type of traffic, create a rule for the HP software to communicate with the printer. In most cases, firewalls allow this type of traffic. The applications not affected if this traffic is blocked are:

Chapter 5 : Solved: Printer Redirection Not Working in Windows Server – PrinterLogic

Windows Server Essentials: Add a Network Printer October 24, by Robert Pearman 30 Comments I have seen and heard of people struggling to install printer drivers in mixed x64 and x86 environments, it has been a problem for a long time now, probably as far back as XP x64, certainly it was an issue with SBS

Printer Redirection Not Working in Windows Server Posted by Devin Anderson on October 20th, Admins in remote desktop environments often rely on redirecting printers in Windows Server to deliver local printers to their end users. There are a couple of problems that can crop up, resulting in failed deployments, software crashes or an inability to print. When redirecting printers in Windows Server – and, in fact, all versions since Server – a list of local printers that are installed on the remote client is relayed to the server, which then creates the print queue within the remote session. Before printing, the remote client queries the server for suitable drivers, and if the server does indeed have those drivers, the printer is then redirected. As this multi-step process makes clear, there are many opportunities for things to go wrong between the time a user logs into a session and tries to print out a document. Printer redirection is also challenging from a printer management standpoint, because it can complicate deployments. Some of the telltale signs that printer redirection is not working are: A redirected printer is not showing up: Despite the printer having been installed correctly, it remains invisible to the remote client or a group of clients in the list of available printers. All the waypoints in the print chain between client and printer seem to be functioning properly, yet print jobs mysteriously drop from the queue. Even though print jobs appear to be executing successfully, it takes an unusually long time for them to do so. If there is a driver conflict or remote clients are being instructed to search for or fallback to drivers that do not exist, this can cause spooler crashes and hard-to-pinpoint software errors. This can result in a frustrating scenario where a print job completes successfully in one application but fails to execute in another. Most of the time admins are stuck sifting through driver repositories looking for duplicates and problematic versions, or poring over server logs in the hope of finding the cause of the possible error. And with printer management being so cumbersome in traditional print environments, that process can eat up a lot of time. The one-stop solution to these printer management issues is PrinterLogic. Our next-generation print management software integrates seamlessly with all remote desktop environments, not to mention Citrix and VMware , and gives you the choice between printer redirection or session printers for greater flexibility. Because PrinterLogic leverages proven direct IP printing to create one-to-one connections between clients and local printers, either method ends up being far more reliable and easier to manage from our unique centralized administration console. Many organizations have even used PrinterLogic to eliminate print servers altogether. Not only do you end up solving your printer redirection problems, you get a whole lot more besides. Devin Anderson With nearly 20 years of experience in delivering market leading IT solutions to Fortune companies, Devin prides himself on driving simplicity into products that solve extremely complex IT problems. For years he has been focused on the end-user computing devices and delivering technology that provides valuable services to the end-user which enable them to be their most productive self.

Chapter 6 : Setting Default Printer FOR THE System User in Windows Server - Server Fault

Else what you should be doing is not to install the MFD at the calendrierdelascience.com rather share the MFD at the MS Svr print server and use clients to "connect" to the shared printer using windows explorer by typing \\servername\ and you should see the shared printer.

When a service on the computer impersonates a user and then calls SetDefaultPrinter to set a default printer, you find the default printer is set to a wrong printer rather than to the expected one. Cause This issue occurs because when the impersonated user calls SetDefaultPrinter to set a default printer, some registry values may be set in the wrong user profile. Resolution To resolve this issue in Windows RT 8. Update information for Windows RT 8. May Hotfix information A supported hotfix is available from Microsoft. However, this hotfix is intended to correct only the problem that is described in this article. Apply this hotfix only to systems that are experiencing this specific problem. If the hotfix is available for download, there is a "Hotfix Download Available" section at the top of this Knowledge Base article. If this section does not appear, submit a request to Microsoft Customer Service and Support to obtain the hotfix. Note If additional issues occur or if any troubleshooting is required, you might have to create a separate service request. The usual support costs will apply to additional support questions and issues that do not qualify for this specific hotfix. For a complete list of Microsoft Customer Service and Support telephone numbers or to create a separate service request, visit the following Microsoft website: Note The "Hotfix Download Available" form displays the languages for which the hotfix is available. If you do not see your language, it is because a hotfix is not available for that language. For more information about how to obtain a Windows 7 or Windows Server R2 service pack, click the following article number to view the article in the Microsoft Knowledge Base: Restart requirement You do not have to restart the computer after you apply this update. Update replacement information File information The global version of this update installs files that have the attributes that are listed in the following tables. The dates and the times for these files on your local computer are displayed in your local time together with your current daylight saving time DST bias. Additionally, the dates and the times may change when you perform certain operations on the files Windows 7 and Windows Server R2 file information notes Important Windows 7 hotfixes and Windows Server R2 hotfixes are included in the same packages. However, hotfixes on the Hotfix Request page are listed under both operating systems. Always refer to the "Applies To" section in articles to determine the actual operating system that each hotfix applies to.

Chapter 7 : Windows Server R2 printer deployment ghost printers - Server Fault

First of all login to your Windows server as an Administrator. When your login is completed the Server Manager will be opened automatically, if it doesn't open then you must open it manually. Now in the Server Manager click on the "Manage" button to open the "Add Roles and Features" to add the new feature.

That comes down to a variety of reasons. Some of it is skepticism that our next-generation print management solution will actually live up to its claims. Some of it is institutional aversion to change and the comfort of the familiar, however problematic the status quo might be. Some of it is concern about cost of migration and realizing sufficient short- and long-term ROI. Basic print management in Windows Server R2 is not all that different from previous versions. Expand the "Print Servers" tree to reveal the "Printers" item. Right-click on "Printers" and click "Add Printer A Printer Installation dialog box will appear. In this box, select your preferred method e. Depending on the option you select, you might be presented with a Printer Driver box. Choose the appropriate driver option and click "Next. Click "Finish" to complete the process of adding a printer to Windows Server R2. Most of the necessary options can be found by locating the appropriate printer in Print Management see above , right-clicking and selecting "Properties. In PrinterLogic, printer deployment and installation have the benefit of being both familiar and more efficient. Yet the available options are more fine-grained and give you a much broader spectrum of control. Furthermore, PrinterLogic is able to prevent the frequent driver conflicts that can cause printer installation issues and crash print spoolers, which in turn results in downtime and a surge in calls to the service desk from angry users. Because PrinterLogic is able to eliminate print servers completely , it also eliminates all of the common Windows Server R2 printing problems while shrinking your infrastructure to a single-server solution that is able to deliver more functionality, higher availability and greater ease of use than Server R2 or any of its predecessors. PrinterLogic takes print management to a new level, so you and your support staff can stop worrying about how to configure a printer in Windows Server R2 and focus on other important tasks. We also have a new software-as-a-service SaaS solution called PrinterCloud , which has all the same benefits but utilizes an advanced cloud-based platform. He has a B.

Chapter 8 : Printer sharing in Windows Server

All steps take place on the Windows Server Essentials console. In my case, WE is running in a guest VM on a Windows Server Standard Hyper-V parent. I will be installing drivers for an HP LaserJet printer.

Site Notice How to Install and Configure a Print Server in Windows Server R2 A Printer is one of the most important devices for an office network and being a system administrator you should be able to deploy it. This tutorial will walk you through the steps to install and configure a print server on your windows Server R2 machine. Prerequisites Following are the requirements for this tutorial: The Administrator account must have a strong password. A static IP is configured. The latest windows updates are installed. The firewall is turned off. Installing the Print Server Step 1: Open the server manager dashboard from the task bar. Choose Role-based or feature-based installation and click Next. Choose the destination printer server for this configuration and click Next. Choose Print and document services from server roles and when a new window appear, click Add Features. Leave the default selections and click Next. Choose Print Server and click Next. Click on Install Step Close after successful installation. Configuring the Print Server Step 1: Open the print server management console. Right-click on Printers located under your print server machine and click Add Printer. Attach the printer to your computer. Choose the right port where your printer is connected. Choose "Use an existing printer driver on the computer" if you have an existing printer drivers otherwise choose "Install a new driver" and follow the wizard. Give a friendly name to your printer and share it with other users on network. Click Next Step 5: Click Next to finish the printer installation. Again, go to printer management console and right click on the printer icon. Go to sharing tab and check mark both options as shown in figure. Click Apply and then OK. You have successfully configured and deployed your print server. This printer will be visible to other users on your network.

Chapter 9 : HP printers compatible with Server ?

When redirecting printers in Windows Server 2008 and, in fact, all versions since Server 2003 a list of local printers that are installed on the remote client is relayed to the server, which then creates the print queue within the remote session.

Symptoms Consider the following scenario: You install a Windows Server R2 print server or a Windows Server R2 print server and then configure and share the print queue. You configure this print server to use the DNS server. In this scenario, the client cannot connect to the printer by using the CNAME that is used by the print server. **Resolution** To resolve this issue, we have released updates for Windows 8. The update rollup fixes many other issues in addition to the issue that the hotfix fixes. We recommend that you use the update rollup. The update rollup is larger than the hotfix. Therefore, the update rollup takes longer to download. Get the update rollup for Windows 8. Get the hotfix for Windows 8. However, this hotfix is intended to correct only the problem that is described in this article. Apply this hotfix only to systems that are experiencing the problem described in this article. This hotfix might receive additional testing. Therefore, if you are not severely affected by this problem, we recommend that you wait for the next software update that contains this hotfix. If the hotfix is available for download, there is a "Hotfix download available" section at the top of this Knowledge Base article. If this section does not appear, contact Microsoft Customer Service and Support to obtain the hotfix. Note If additional issues occur or if any troubleshooting is required, you might have to create a separate service request. The usual support costs will apply to additional support questions and issues that do not qualify for this specific hotfix. For a complete list of Microsoft Customer Service and Support telephone numbers or to create a separate service request, go to the following Microsoft website: Note The "Hotfix download available" form displays the languages for which the hotfix is available. If you do not see your language, it is because a hotfix is not available for that language. **Prerequisites** To apply this update, you must install update in Windows 8. **Restart requirement** You must restart the computer after you apply this hotfix. **Hotfix replacement information** File information The English United States version of this hotfix installs files that have the attributes that are listed in the following tables. The dates and the times for these files on your local computer are displayed in your local time together with your current daylight saving time DST bias. Additionally, the dates and the times may change when you perform certain operations on the files. However, only "Windows 8. To request the hotfix package that applies to one or both operating systems, select the hotfix that is listed under "Windows 8. Always refer to the "Applies To" section in articles to determine the actual operating system that each hotfix applies to.