Quick Start Guide

For Virtual Desktop Infrastructure

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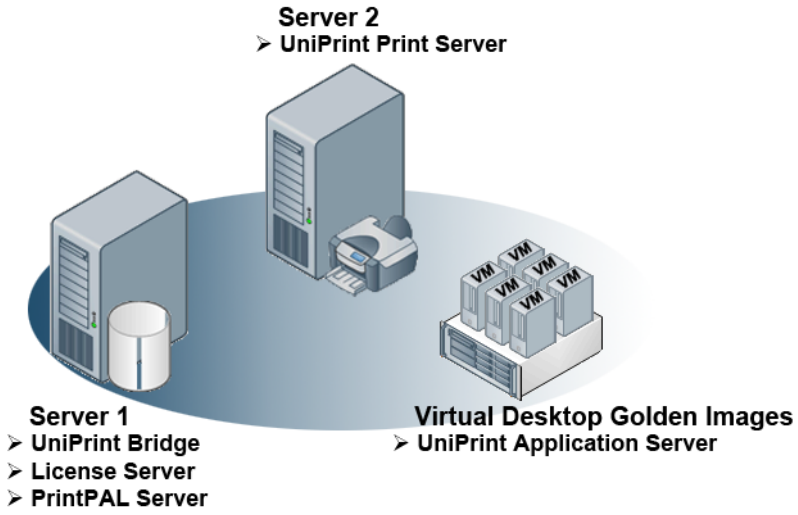
Introduction

This step-by-step guide is intended for those who want set up UniPrint Infinity with minimal configuration in Virtual Desktop Infrastructure (VDI) environment. Only the necessary steps required to start printing from a virtual desktop image will be covered. For additional assistance on customizing UniPrint Infinity or setting up many of UniPrint Infinity's features such as SecurePrint, Printer Delegation, Printer Profiles, PrintPAL, Archiving, Statistics Monitoring and Mobile Printing, refer to the UniPrint Infinity Administrator's Guide.

NOTE: To access advanced printer preferences, for example stapling and hole punching, use Printer Profiles. For more information on setting up and using Printer Profiles, refer to the UniPrint Infinity Administrator's Guide.

This quick start guide is specific to a VDI environment. All components, with the exception of the aforementioned features, will be installed such that full testing can be performed. However, only instructions on printing from a virtual desktop image will be presented.

Installation Scenario



This scenario requires two servers and a virtual desktop image. The first server will have UniPrint Bridge with the license server installed. The second server will have UniPrint Print Server installed. The virtual desktop image will have UniPrint Application Server installed.

Recommended System Requirements

Server 1:UniPrint Bridge requires one of the following supported operating systems:

- Microsoft Windows Server 2008 or R2
- Microsoft Windows Server 2012 or R2
- Microsoft Windows Server 2016

Server 2: UniPrint Print Server requires one of the following supported operating systems:

- Microsoft Windows Vista

- Microsoft Windows 7
- Microsoft Windows 8/8.1
- Microsoft Windows 10
- Microsoft Windows Server 2008 or R2
- Microsoft Windows Server 2012 or R2
- Microsoft Windows Server 2016

Virtual Desktop Image: UniPrint Application Server requires one of the following supported operating systems:

- Microsoft Windows Vista
- Microsoft Windows 7 (***Note****: Windows 7 Starter, Home Basic and Home Premium are NOT supported because these versions do not support Remote Desktop Services.*)
- Microsoft Windows 8/8.1
- Microsoft Windows 10

Recommended Installation Procedure

NOTE: The following instructions explains how to deploy UniPrint Infinity in a VDI environment using the minimum number of computers. This installation scenario is designed and intended for testing purposes and does not reflect production best practices.

1. Install UniPrint Bridge along with the license server on Server 1.
2. Install UniPrint Print Server on Server 2.
3. Install UniPrint Application Server on a virtual desktop image.
4. Install a test printer on the UniPrint Print Server (Server 2).
5. Add the test printer in a virtual desktop image.

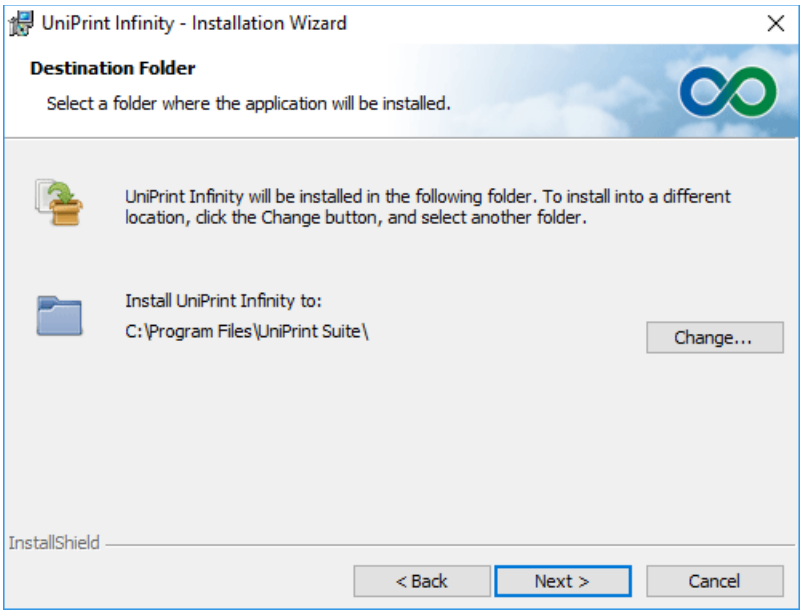
STEP 1: Install UniPrint Bridge

1. On Server 1, run the installation program **UniPrint91_*.exe** as an administrator.

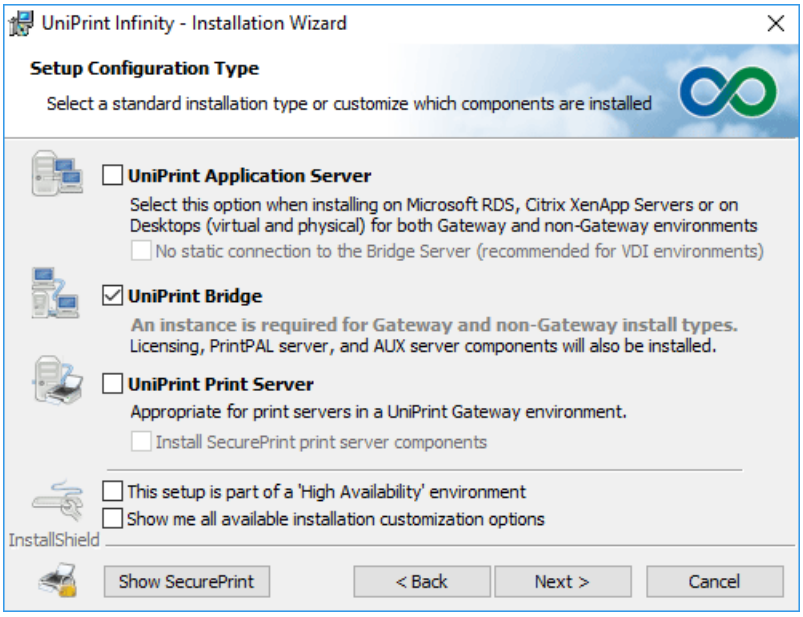
2. In the **UniPrint Infinity Installation** dialog box, click **Next**.

3. In the **License Agreement** dialog box, click **I accept the terms in the license agreement** and then click **Next**.

4. In the **Destination Folder** dialog box, click **Next** to accept the default location for the UniPrint program files. Click **Change** to select a different location.



5. In the **Setup Configuration Type** dialog box, select **UniPrint Bridge** and then click **Next**.

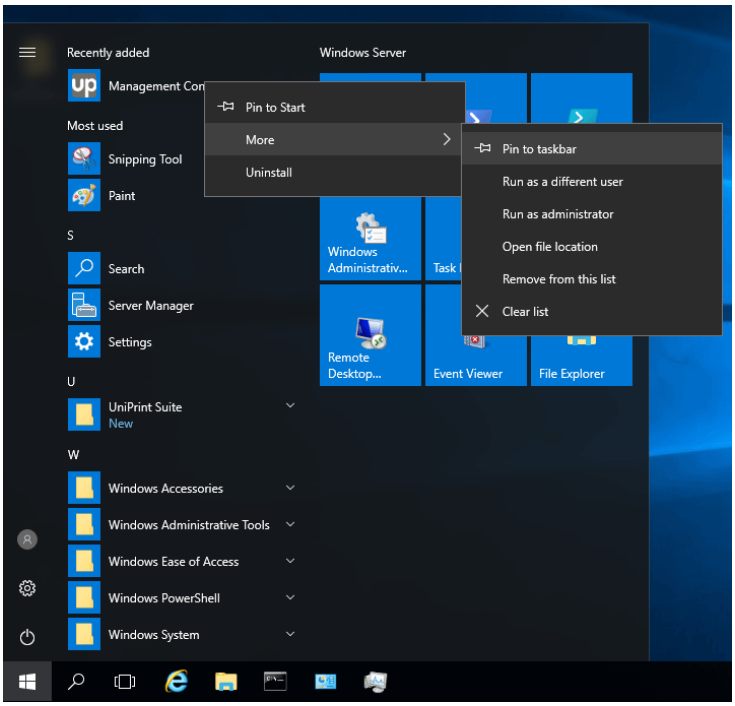


6. In the **Ready to Install the Program** dialog box, click **Install**. The UniPrint installer will copy files to the destination folder.

7. Click **Finish** to complete the installation.

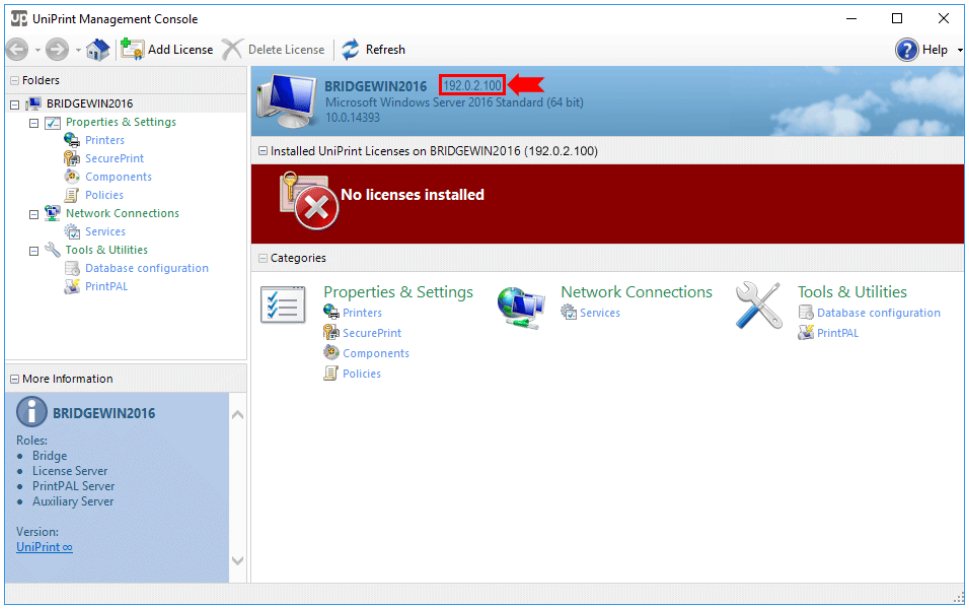
8. Click and then right-click **Management Console**.

9. Click either **Pin to Start** or click **More** and then click **Pin to taskbar** depending on how frequently the Management Console needs to be accessed.



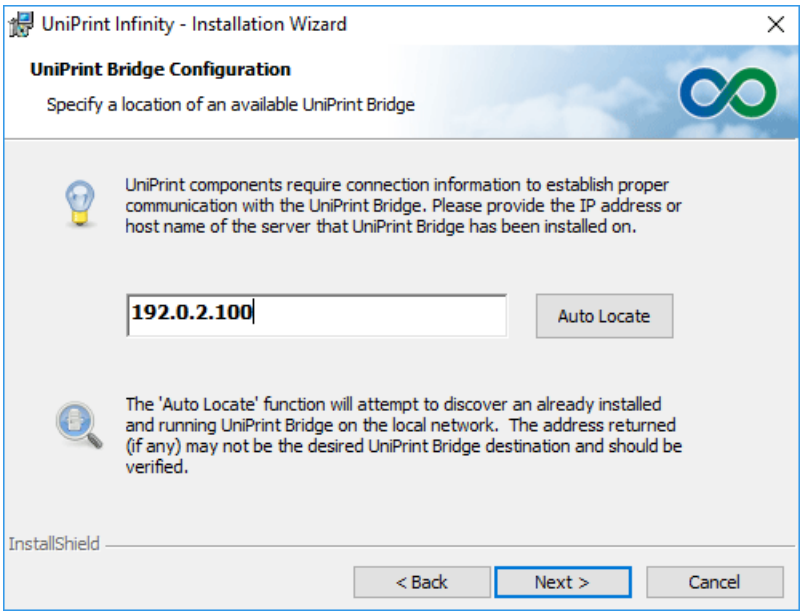
10. If **Pin to taskbar** was selected, click to open the **UniPrint Management Console**.

11. At the top of the console, take note of the IP address. This is required when installing UniPrint Print Server and UniPrint Application Server.

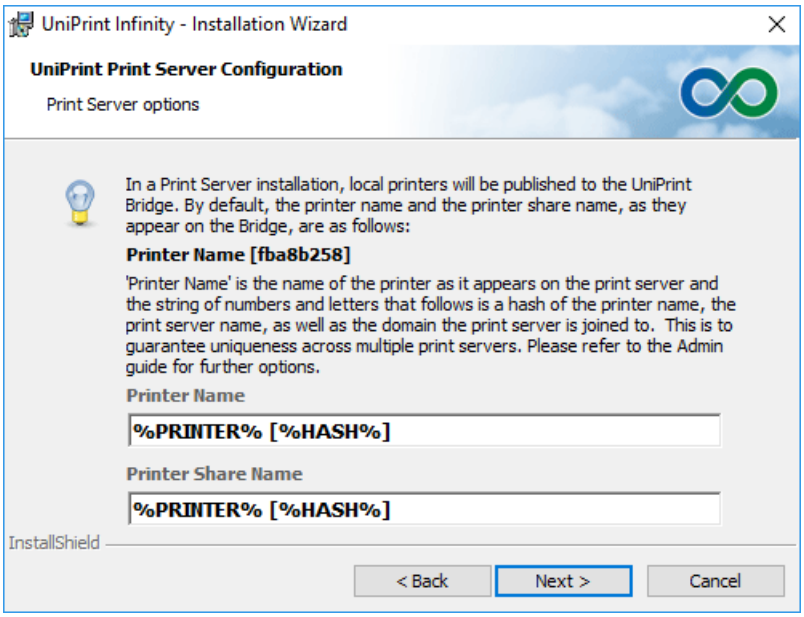


STEP 2: Install UniPrint Print Server

1. On Server 2, run the installation program **UniPrint91_*.exe** as an administrator.
2. In the **UniPrint Infinity Installation** dialog box, click **Next**.
3. In the **License Agreement** dialog box, click **I accept the terms in the license agreement** and then click **Next**.
4. In the **Destination Folder** dialog box, click **Next** to accept the default location for the UniPrint program files. Click **Change** to select a different location.
5. In the **Setup Configuration Type** dialog box, select **UniPrint Print Server** and then click **Next.**
6. In the **UniPrint Bridge Configuration** dialog box, enter the **IP Address** of the UniPrint Bridge (License Server) and then click **Next.**



7. In the **UniPrint Print Server Configuration** dialog box, click **Next**.



8. In the **Ready to Install the Program** dialog box, click **Install**. The UniPrint installer will copy files to the destination folder.

9. Click **Finish** to complete the installation.

STEP 4: Install UniPrint Application Server on a Virtual Desktop Image

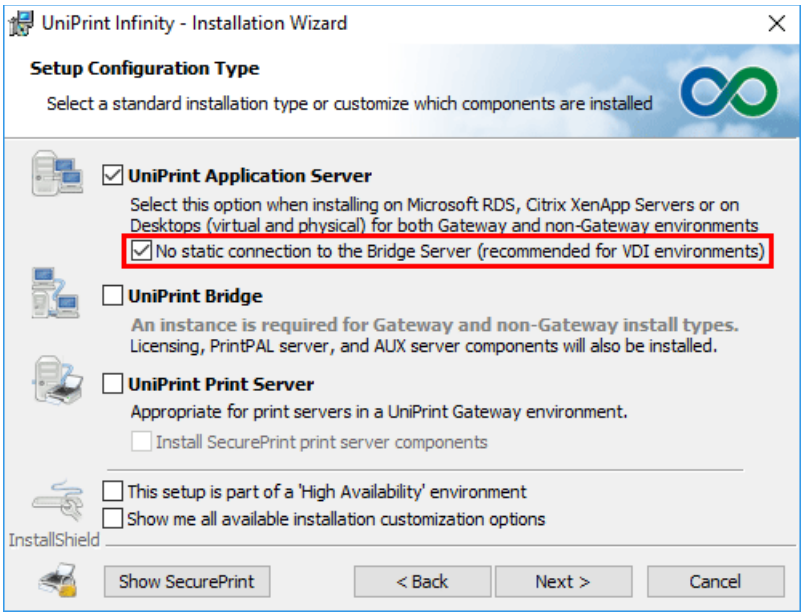
1. On a virtual desktop image, run the installation program **UniPrint91_*.exe** as an administrator.

2. In the **UniPrint Infinity Installation** dialog box, click **Next**.

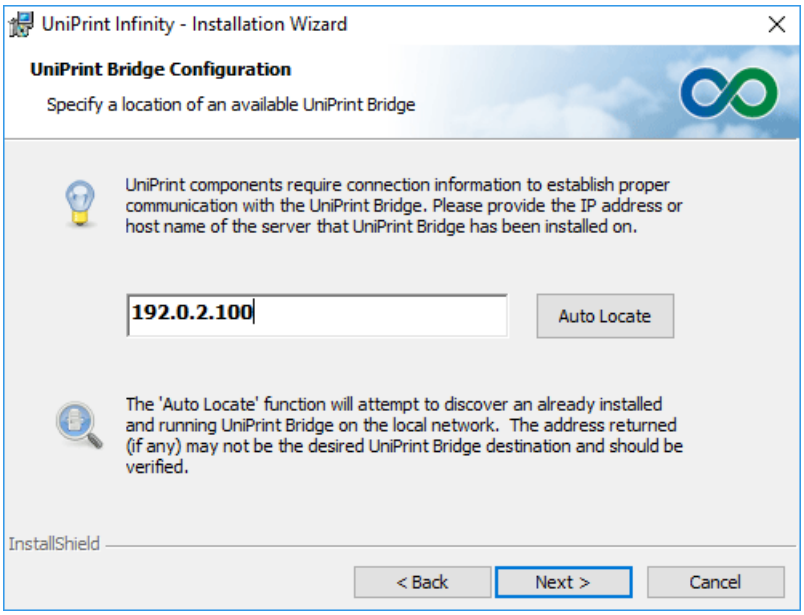
3. In the **License Agreement** dialog box, click **I accept the terms in the license agreement** and then click **Next**.

4. In the **Destination Folder** dialog box, click **Next** to accept the default location for the UniPrint program files. Click **Change** to select a different location.

5. In the **Setup Configuration Type** dialog box, select **UniPrint Application Server, No static connection to the Bridge Server (recommended for VDI environments)** and then click **Next.**



6. In the **UniPrint Bridge Configuration** dialog box, enter the **IP Address** of the UniPrint Bridge (License Server) and then click **Next.**



7. In the **Ready to Install the Program** dialog box, click **Install**. The UniPrint installer will copy files to the destination folder.

8. Click **Finish** to complete the installation.

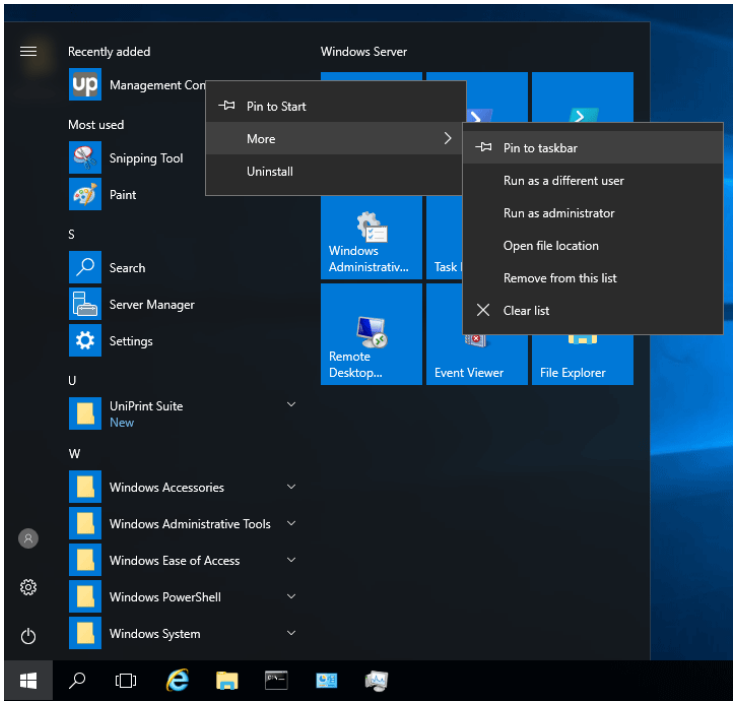
STEP 5: Install a Test Printer On The UniPrint Print Server

1. On the UniPrint Print Server (Server 2), open **Print Management**.

2. Click **Add a printer** and then follow the printer manufacturer's instructions for installing their printer driver.

3. Click and then right-click **Management Console**.

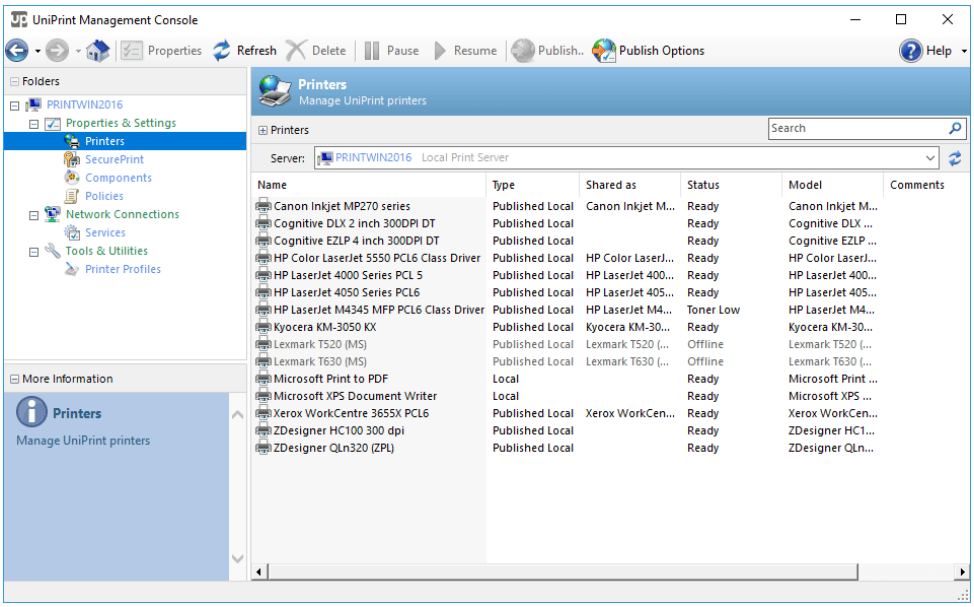
4. Click either **Pin to Start** or click **More** and then click **Pin to taskbar** depending on how frequently the Management Console needs to be accessed.



5. If **Pin to taskbar** was selected, click to open the **UniPrint Management Console**.

6. Under **Properties & Settings**, click **Printers**.

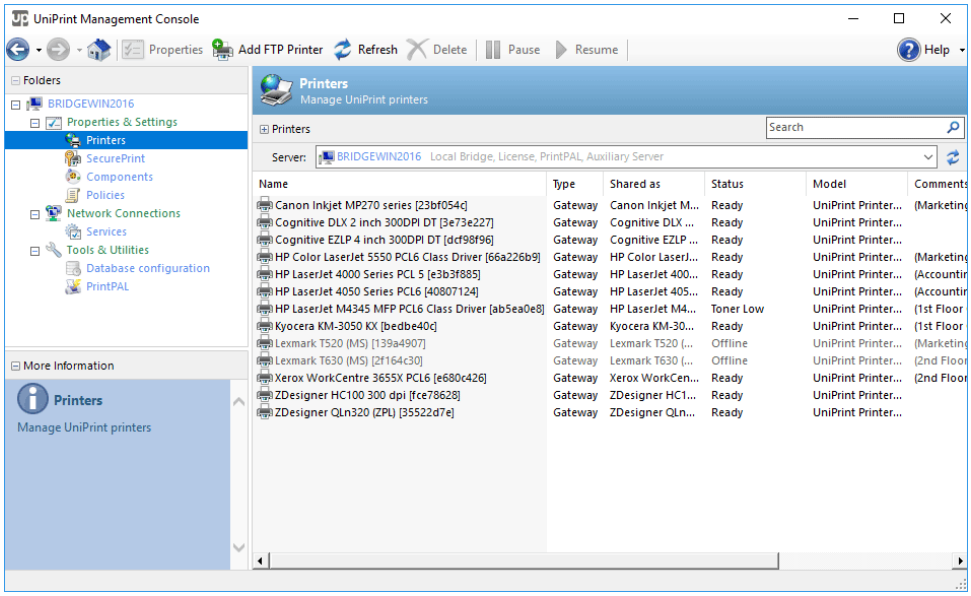
7. Ensure that the test printer appears as type **Published Local**.



8. On the UniPrint Bridge (Server 1), open the **UniPrint Management Console**.

9. Under **Properties & Settings**, click **Printers**.

10. The new printer will appear in the printer list of type **Gateway**.

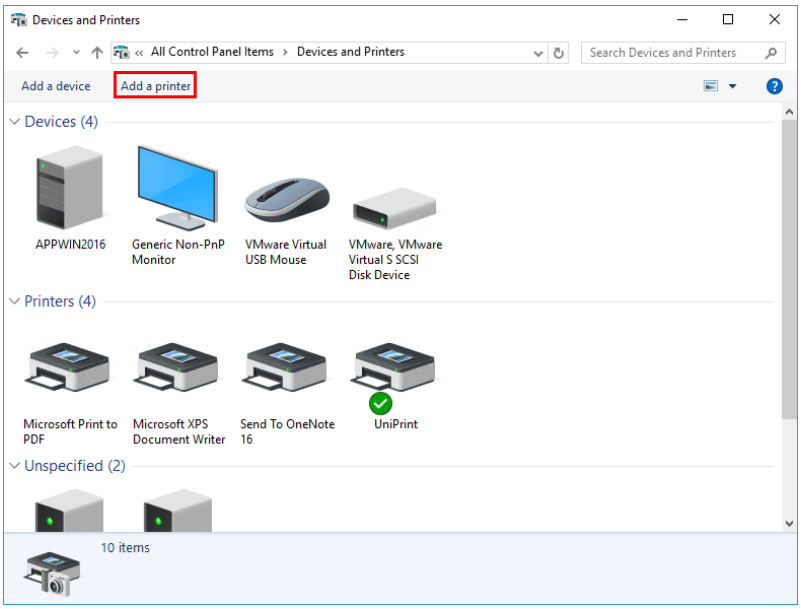


STEP 6: Add the Test Printer In A User Session

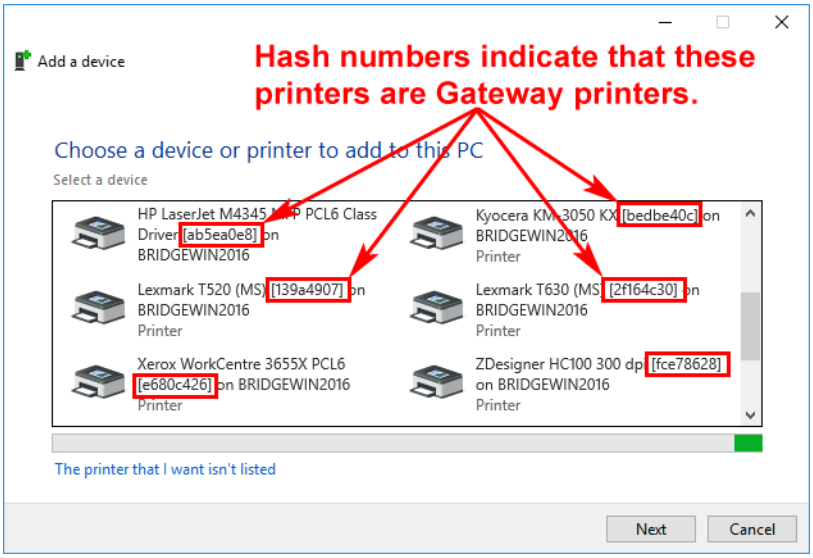
1. Log onto the virtual desktop image as you normally would to access applications.

2. Click and then click **Control Panel**. Double-click **Devices and Printers**.

3. Click **Add a Printer**.

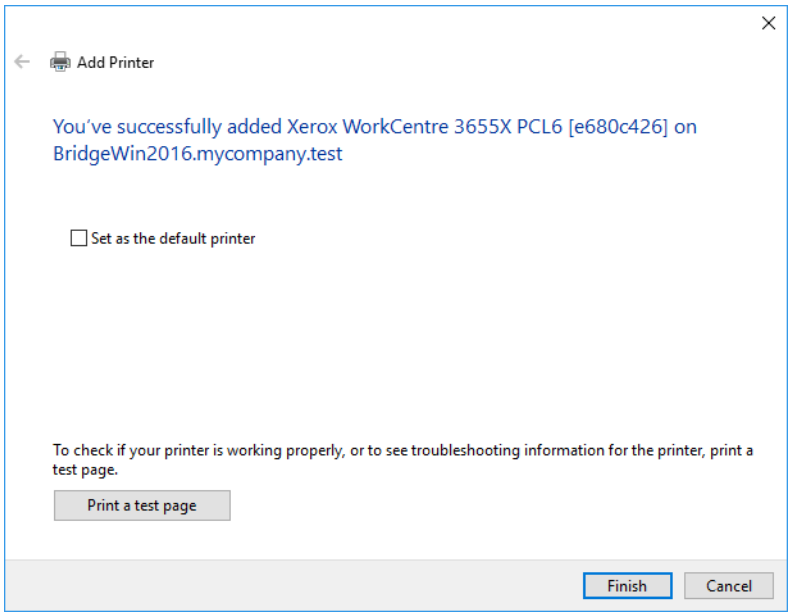


4. Click to select a Gateway printer which are usually indicated with hash numbers. Hash numbers are used to ensure that each Gateway printer is unique and for users they are good indicators that the printer is indeed a Gateway printer.

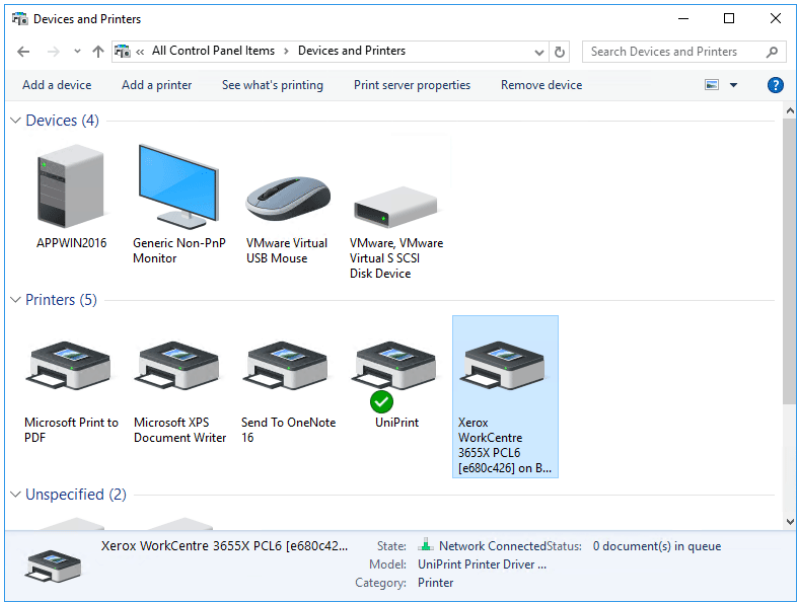


5. Click **Next**.

6. If you want this printer to be set as the session default, select **Set as default printer** and then click **Finish**.



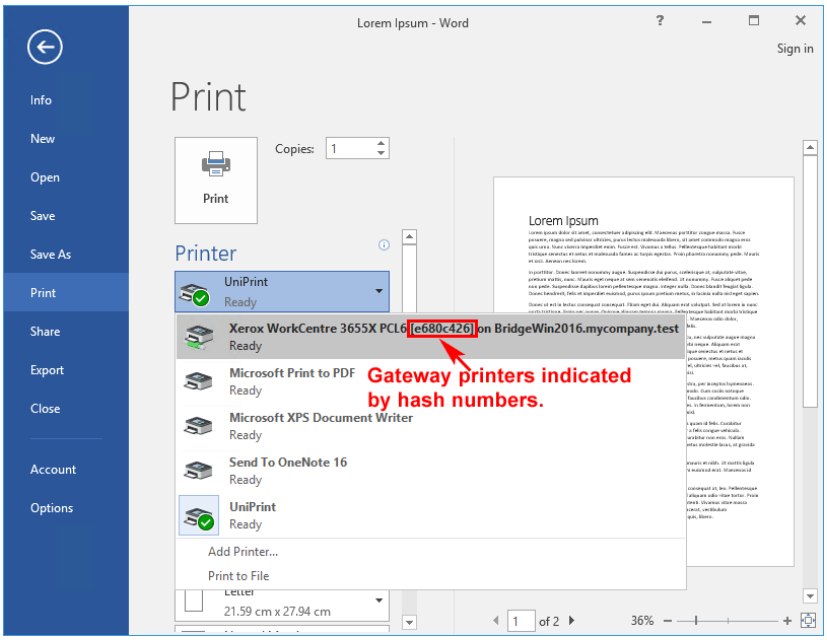
7. The Gateway printer is now added to the session and is available for printing.

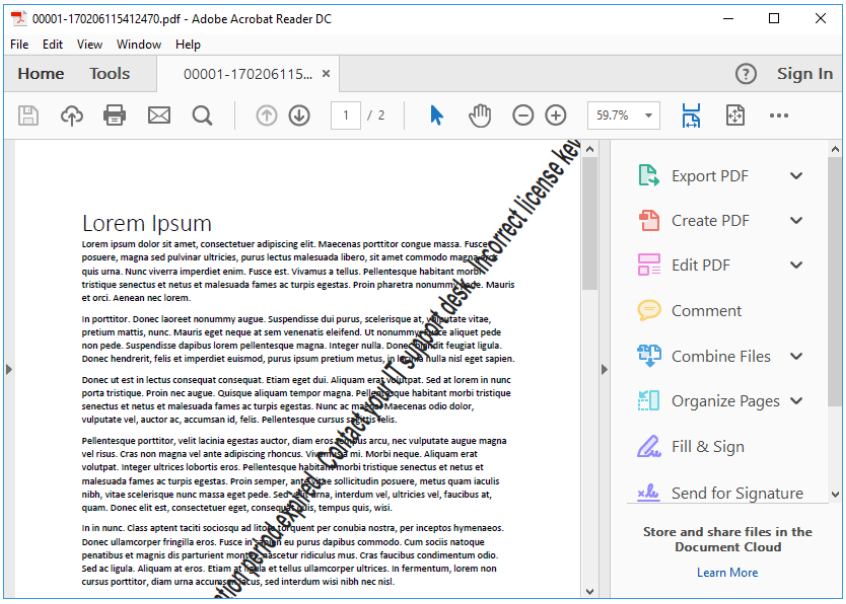


Printing From A Virtual Desktop Image

1. Log onto a virtual desktop image as you normally would to access applications.
2. Open an application from which to print, for example, Microsoft Word.
3. Print from the application. For example in Microsoft Word 2016, click the **File** tab and then click **Print**.

4. Select the test **Gateway** printer (one with the hash numbers).



5. And then click **Print**.

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