



Quick Start Guide

For Print Server Environments

Released: February 2017
Version: 9.1

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Introduction

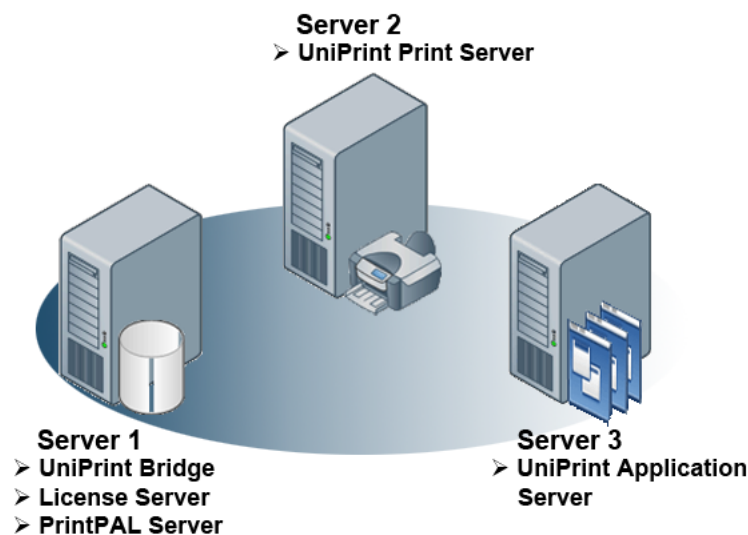
This step-by-step guide is intended for those who want set up UniPrint Infinity with minimal configuration. Only the necessary steps required to start printing from an ICA/RDP session will be covered. For additional assistance on customizing UniPrint Infinity or setting up many of UniPrint Infinity's features such as SecurePrint, Printer Delegation, Printer Profiles, 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 environments that connect to Citrix/terminal servers using thin clients only or a combination of thin and thick clients and that use print servers. Only the components necessary to print through UniPrint Infinity will be installed and only instructions on printing from a user's session will be presented.

Installation Scenario



This scenario requires three servers and one client device. The first server will have UniPrint Bridge with the license server installed. The second server will have UniPrint Print Server installed. The third server will have UniPrint Application Server installed. The fourth computer will act as a client to connect to the application server for testing purposes and therefore does not require any UniPrint software to be 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

Server 3: UniPrint Application Server requires one of the following supported operating systems:

- Microsoft Windows Server 2008 or R2 with Remote Desktop Services role installed
- Microsoft Windows Server 2012 or R2 with Remote Desktop Services role installed
- Microsoft Windows Server 2016 with Remote Desktop Services role installed

Recommended Installation Procedure



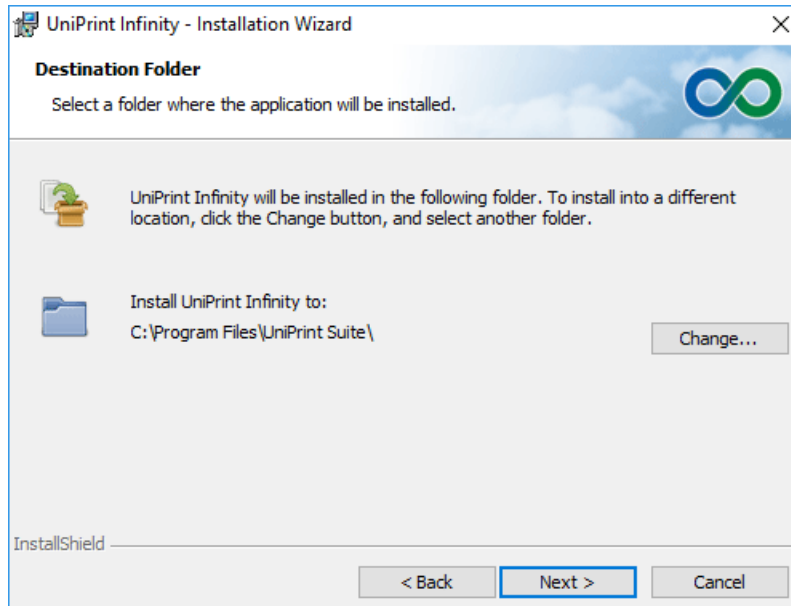
NOTE: The following instructions explain how to deploy UniPrint Infinity in a print server environment using the minimum number of computers. This installation scenario is designed and intended for testing purposes and does not reflect production best practices.

1. Install UniPrint Bridge on Server 1.
2. Install UniPrint Print Server on Server 2.
3. Install UniPrint Application Server on Server 3.
4. Install a test printer on the UniPrint Print Server (Server 2).
5. Add the test printer in a user session. PrintPAL can be used to replace this step. See the [UniPrint Infinity Administrator's Guide](#) for instructions on how to set up PrintPAL.

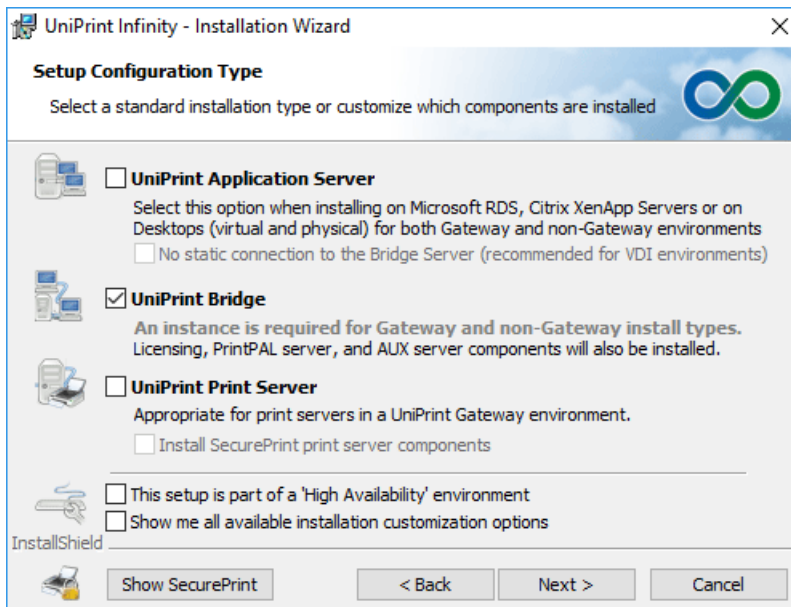
STEP 1: Install UniPrint Bridge


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**.

- 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.

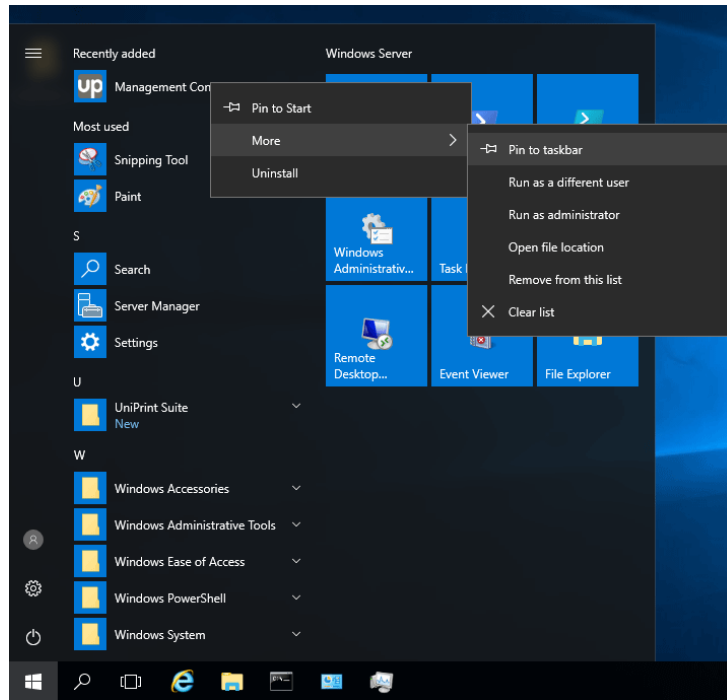


- In the **Setup Configuration Type** dialog box, select **UniPrint Bridge** and then click **Next**.



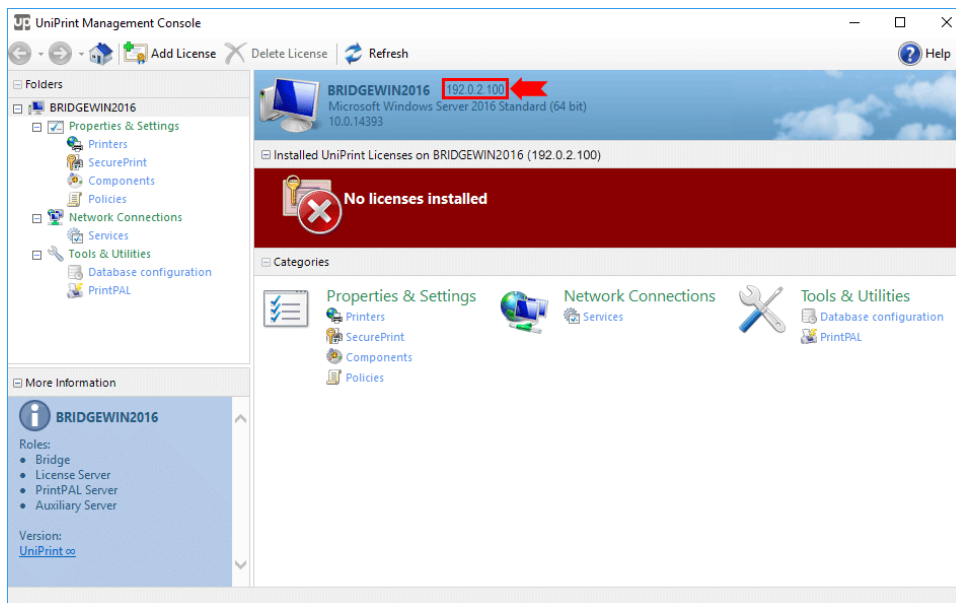
- In the **Ready to Install the Program** dialog box, click **Install**. The UniPrint installer will copy files to the destination folder.
- Click **Finish** to complete the installation.
- Click  and then right-click **Management Console**.

- 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.



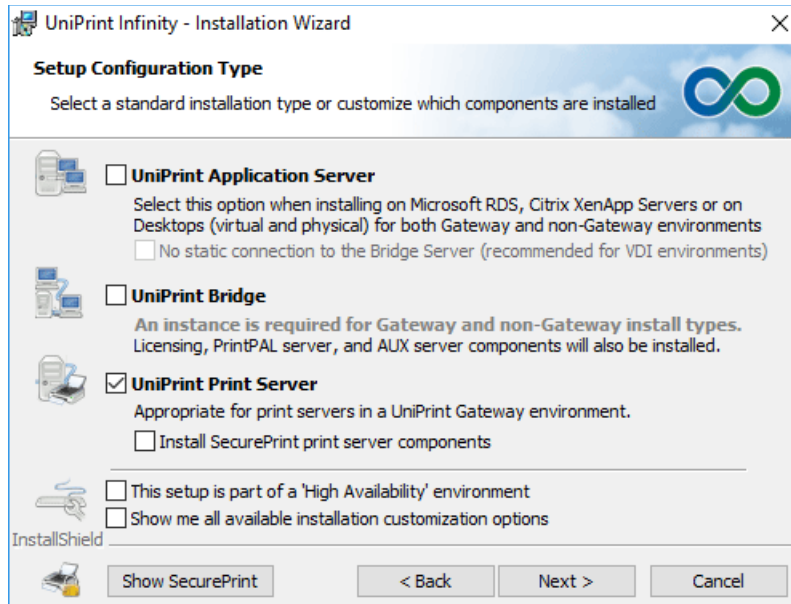
- If **Pin to taskbar** was selected, click  to open the **UniPrint Management Console**.

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

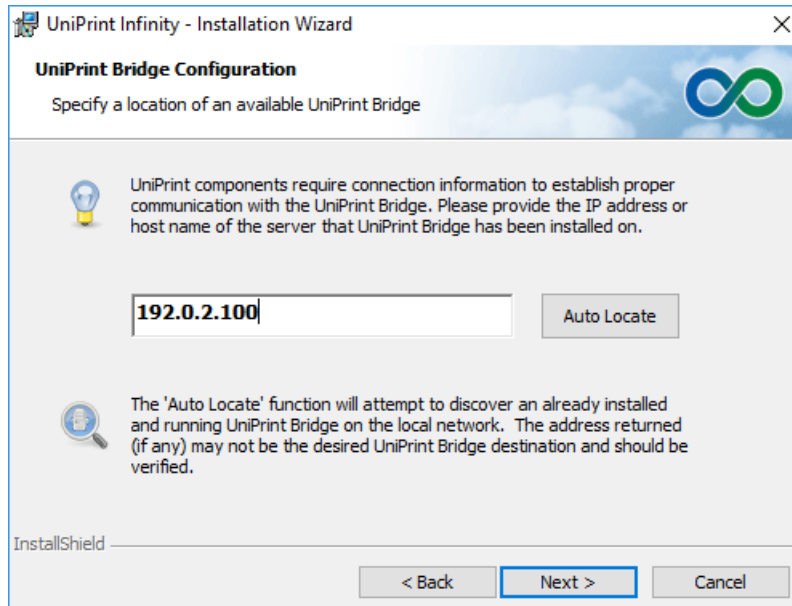


STEP 2: Install UniPrint Print Server

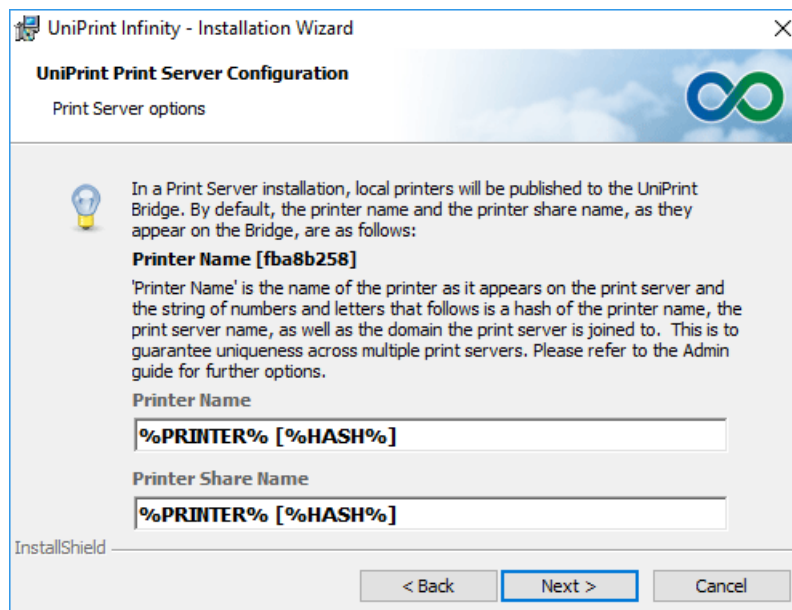
1. On Server 2, run the installation program **UniPrint91_*.exe** as an administrator.
2. In the **UniPrint Infinity Installation** dialog box, click **Next**.
3. In the **License Agreement** dialog box, click **I accept the terms in the license agreement** and then click **Next**.
4. In the **Destination 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**.



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



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

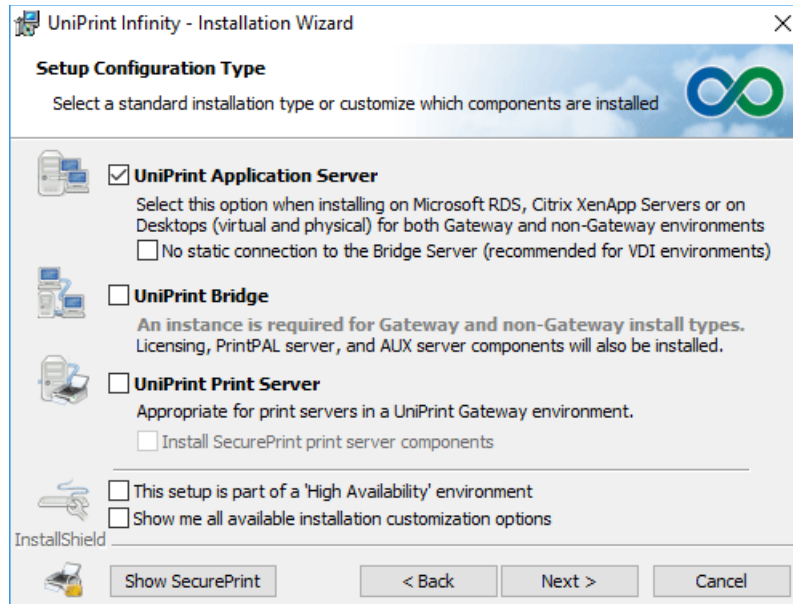


- In the **Ready to Install the Program** dialog box, click **Install**. The UniPrint installer will copy files to the destination folder.
- Click **Finish** to complete the installation.

STEP 3: Install UniPrint Application Server


- On Server 3, 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** and then click **Next**.

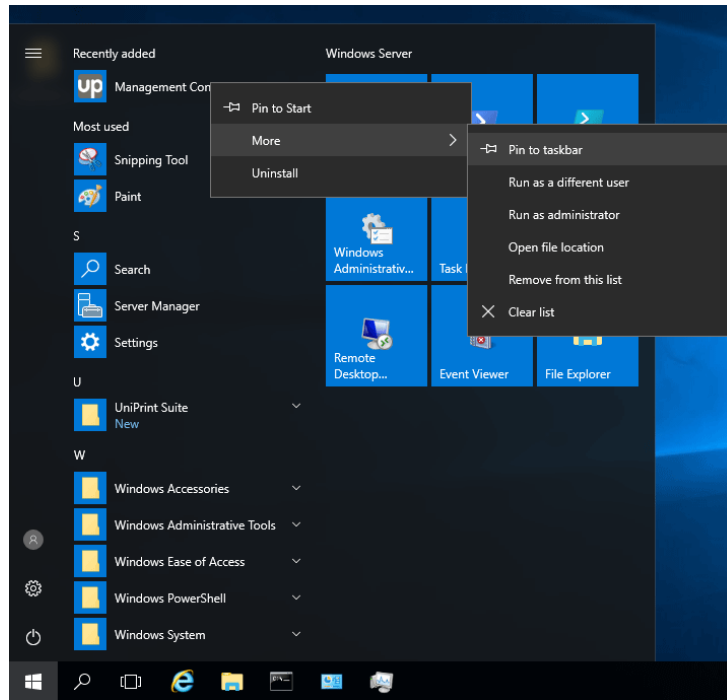



6. In the **UniPrint Bridge Configuration** dialog box, enter the **IP Address** of the UniPrint Bridge (License Server) and then click **Next**.
7. In the **Ready to Install the Program** dialog box, click **Install**. The UniPrint installer will copy files to the destination folder.
8. Click **Finish** to complete the installation.

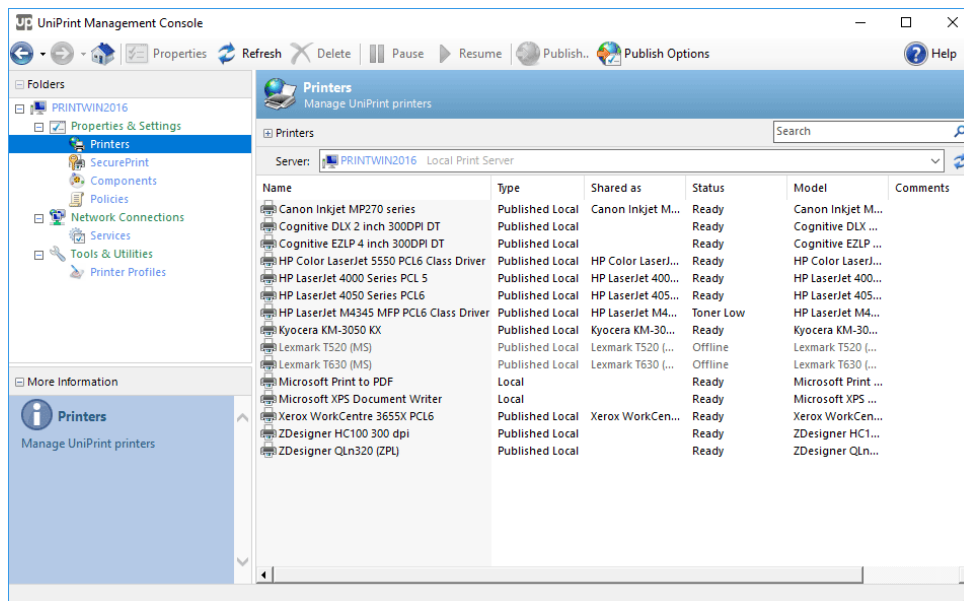
STEP 4: Install a Test Printer On The UniPrint Print Server

1. On the UniPrint Print Server (Server 2), open **Print Management**.
2. Add a printer to the local print server by following the printer manufacturer's instructions for installing their printer driver.
3. Click  and then right-click **Management Console**.

- 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.



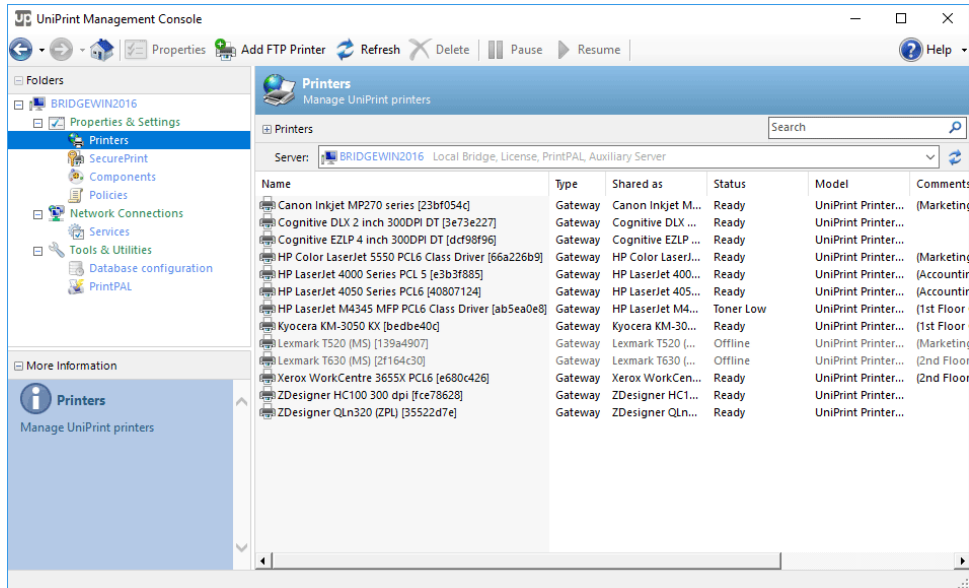
- If **Pin to taskbar** was selected, click  to open the **UniPrint Management Console**.
- Under **Properties & Settings**, click **Printers**.
- Ensure that the test printer appears as type **Published Local**.




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

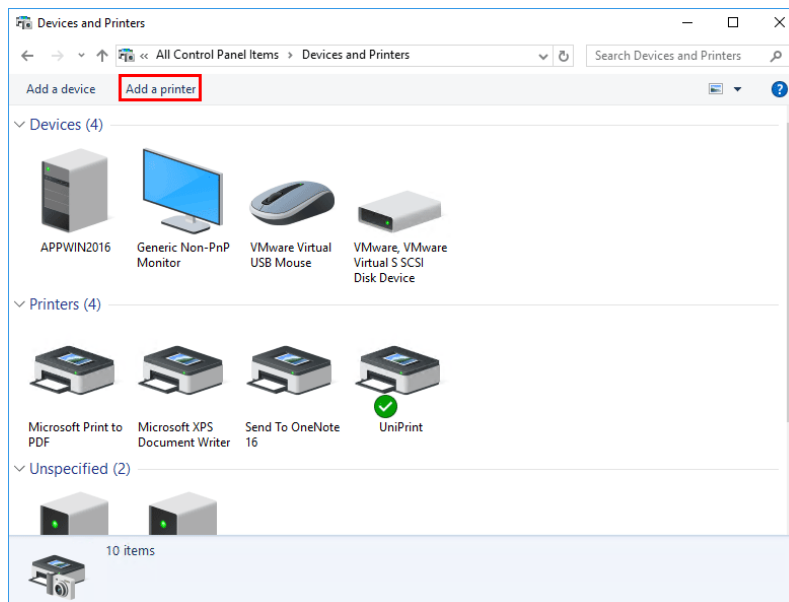
9. Under **Properties & Settings**, click **Printers**.

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

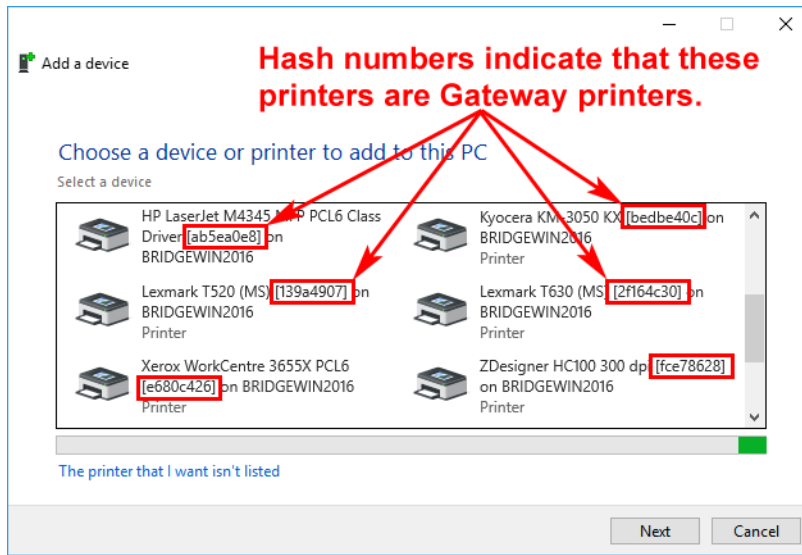


STEP 5: Add the Test Printer In A User Session

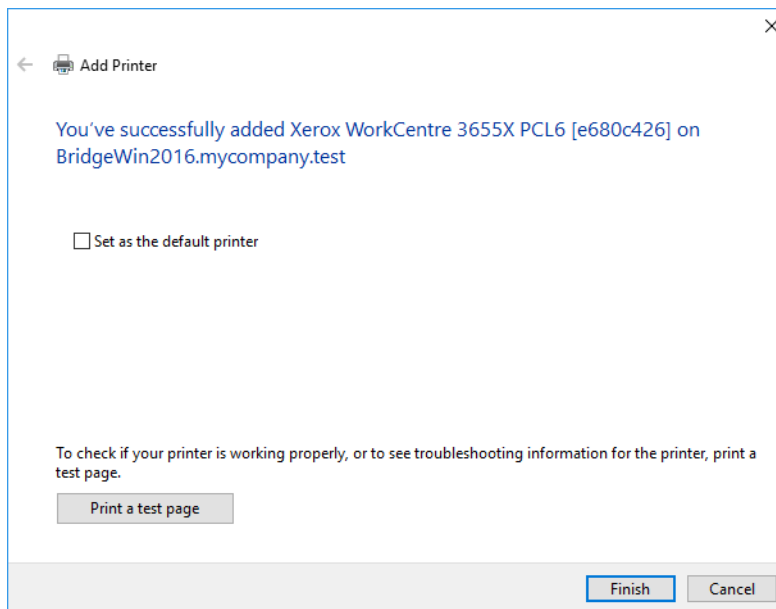
1. From a client device, log onto the application server as you normally would through RDP or ICA to access applications.
2. Click  and then click **Control Panel**. Double-click **Devices and Printers**.
3. Click **Add a Printer**.



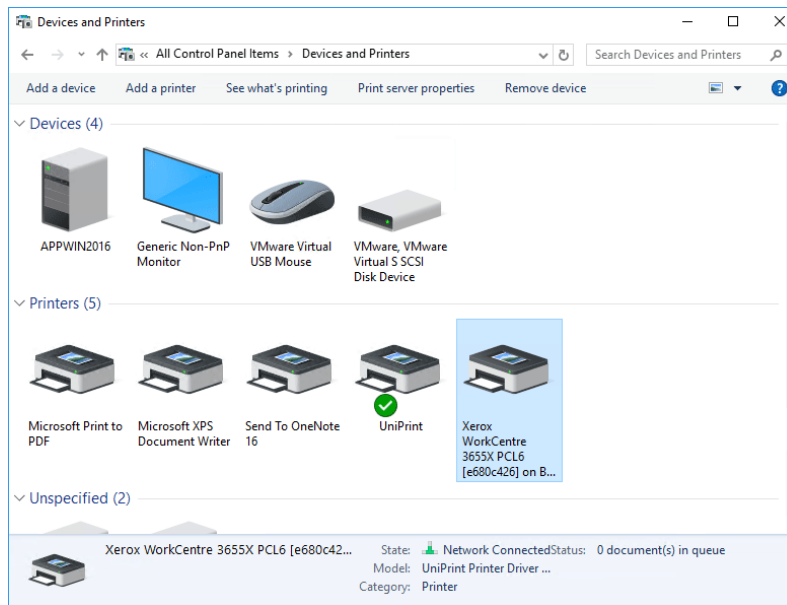
- Click to select a Gateway printer which are usually indicated with hash numbers. Hash numbers are used to ensure that each Gateway printer is unique and for users they are good indicators that the printer is indeed a Gateway printer.



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

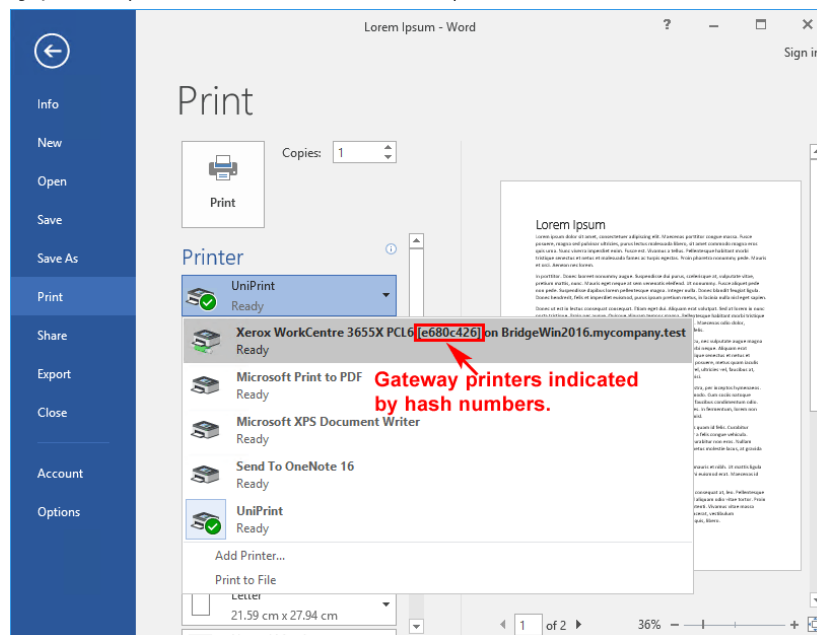


7. The Gateway printer is now added to the session and is available for printing.



Printing From An ICA/RDP Session

1. From a client device, launch an ICA/RDP session by logging onto the application server 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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