

# **Print Server Application Guide**

REV: 1.2.0

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# **Chapter 1. Overview**

Print server is a function embedded in your Router. It allows you to share your printer with computers that are connected to the Router.

### **Typical Topology**



#### Solution Note:

- (1) The client utility TP-LINK USB Printer Controller supports Windows 8 32/64 bit, Windows 7 32/64 bit, Windows XP 32/64bit, and Mac.
- (2) Before connection, please check the **Printer Compatibility List** to verify whether your printer is supported by the Router. You can refer to **Appendix: Troubleshooting** for downloading the Printer Compatibility List.
- (3) Here in this guide, we take the configuration procedures of TL-WDR4300 for example.



# Chapter 2. Before Installation

Before installing the print server, please note the following points:

- ✓ Make sure you have already installed the printer's driver on your computer. Otherwise, please install it first.
- ✓ Any computer in your LAN must first install the software if it wants to share the print server via the Router.

### Before installing the print server, make sure you have the following devices and accessories:

- ✓ TP-LINK Router with USB port which supports print server function
- ✓ USB printer and USB cable
- ✓ Computer with Windows XP/ Windows Vista/ Windows 7/ Windows 8/ Mac
  - Solution Note:

For Mac or Windows computers that do not have CD-ROM drive to run the resource CD, please download the relevant software from our website: **www.tp-link.com**. Please refer to **Appendix: Troubleshooting** for this.



# **Chapter 3. Installation for Windows OS**

1. Insert the Router's Resource CD into the CD-ROM drive.



2. Select your Router model and click **USB** *Printer Setup*.



3. Click START.



4. Connect your computer and printer to the Router step by step as instructed. Click **NEXT**.





5. Check the LED lights and click **NEXT**.

TP-LINK The Reliable Choice	USB Printer Setup Wizard Wireless N Router
Welcome	Check the LED Lights
Connect Printer	If the LEDs don't light up as described, please check the physical connection of the router. Otherwise, please click <b>NEXT</b> .
Check Network Connectivity	
Install Software	Solid on
	Solid on/Flashing
	A BACK NEXT O EXIT

6. Click **NEXT** to start installing the printer share software.



7. Please wait a moment for the installation preparation.



8. Click *Next* and go on to install the TP-LINK USB Printer Controller.







9. Please enter your information in the requested field and then click *Next*.

📸 TP-Link USB Printer Controller - InstallShield Wizard	<b>—</b>
Customer Information	
Please enter your information.	
User Name:	
abc	
Organization:	
TP-LINK	
InstallShield	
< Back Next >	Cancel

10. Click *Change...* to select another destination folder, or leave it default and click *Next*.



11. Click *Install* to begin the installation.



12. Please wait a while for the installation process.





# 13. Click *Finish* to complete and exit the **InstallShield Wizard**.



When the installation is completed, the TP-LINK USB Printer Controller will pop up, with whose help you can print documents via the Router now.



#### Note:

In your LAN, each computer that wants to share the print server should also install the **TP-LINK USB Printer Controller**. Please follow the previous steps to configure other computers in your LAN.



# **Chapter 4. Application for Windows OS**

TP-LINK USB Printer Controller is used to operate the USB Printer on your own computer. After successful installation, the icon will appear on the desktop of your computer.

# 4.1 To Launch/Exit the TP-LINK USB Printer Controller

> To launch the USB Printer Controller, double-click the icon



on your desktop.

- > To exit the USB Printer Controller, you have two ways:
  - Click System->Exit on the TP-Link USB Printer Controller.

/stem Tools	About					
Exit Configure Server	Auto-Connect for Printing	Connect for Scanning	Disconnect for Scanning	Request to Connect		
Server	for Printing R4300 - 192.168.0.1	Scanning				
	R4300 - 192.168.0.1 'P - Canon - MG6200					

• Right-click the icon 🛃 in the lower-right corner of your screen and then click *Exit*.





### 4.2 To Utilize the TP-LINK USB Printer Controller

### 4.2.1 To Print

To print, first of all, you need to set your **Auto-Connect Printer**. After successful setting, you can execute your printing tasks automatically.

Please follow the steps below to set your auto-connect printer.

**Step 1:** Highlight the printer you want to set as auto-connect printer.



Step 2: Click the inverse triangle mark on the Auto-Connect for printing tab to pull down the list, where you can select Set Auto-Connect Printer.





**Step 3:** Tick the name of the printer you would like to set as auto-connect printer, and then click *Apply*.

🛹 Add to Auto-Connect Printer List	
< Installed Printer List >	
Printer Name	
🗹 🧽 Canon MG6200 series Printer <mark>recommended</mark>	
🗌 💭 🍪 Fax 🔲 🍛 Canon MG6200 series Printer XPS	
	Cancel

After successful setting, you will see the printer marked as **Auto-Connect Printer**. Then you can execute your printing task freely.





### > If you want to disable your printer's auto-connect function, you can delete it.

### Method One:

Select *Delete Auto-Connect Printer* from the drop-down list of the **Auto-Connect for Printing** tab.



### Method Two:

1. Go to **Tools->Auto-Connect Printer List**.



2. Highlight your auto-connect printer and then click *Delete*.



🛹 TP-LINK USB Printer Controller

System Tools About



### 4.2.2 To Scan

There are two methods available to realize the scanning function.

### Method One: Network Scanner

Step 1: Highlight your scanner or MFP.





TP-LINK USB Printer Controller						
System Tools About						
Configuration						
Auto-Connect Printer List	72. 32					
Cor Se Network Scanner	Disconnect for Request to Scanning Connect					
TL-WDR4300 - 192.168.0.1	TL-WDR4300 - 192.168.0.1					
MFP - Canon - MG6200 series						



Step 3: Select the type of picture you want to scan, and then click *Scan*.



Step 4: Name the image set, select the file format, and choose the file destination by clicking *Browse...* or leave it default. Then click *Next*.

Network Scanner	
<ul> <li>Image Name and Destination</li> <li>Select a name and destination for your pictures.</li> <li>1. Type a name for this image set :         <ul> <li>Picture</li> <li>Select a file format :                 </li> <li>JPG (JPEG Image)                 </li> <li>Choose a place to save this image set :</li> </ul> </li> </ul>	
C:\Users\TP-LINK-Acer\Pictures\	Browse



### **Step 5:** Wait a while for the scan process.

- Network Scanner

  Scanning Picture

  Please wait while the wizard scans your pictures.

  Location :

  C:\Users\TP:LINK.Acer\Pictures\

  Picture :

  Picture oog.jpg

  Picture scan progress :

  11%

  Picture save progress :

  100%
- Step 6: When it is 100% processed and saved, please click *Close* to complete it.

Then go to the location you've chosen in the previous **Step 4** and find your picture scanned.





#### Method Two: Connect for Scanning

#### Solution Note:

If you choose this method for scanning, no one else in your LAN can share the scanner or MFP to either print or scan, until you click the tab *Disconnect for Scanning* to release it or accept their **Request to Connect**.

TP-LINK USB Printer Controller System Tools About

Auto

Auto-Connect

for Printing

TL-WDR4300 - 192.168.0.1

 Image: MFP - Canon - MG6200 series

Connect for

Scanning

G

Step 1: Highlight your scanner or MFP.





32

Za

Successfully set and ready for scanning, it will display **Manually Connected by...**, when you can start your scanning task.





Step 3: After finishing your scanning task, please do remember to click the tab *Disconnect for Scanning* to release the scanner or MFP.

	Printer Controller About					
Configure Server	Auto-Connect for Printing	Connect for Scanning	Disconnect for Scanning	Request to Connect		
TL-WDR4300 - 192.168.0.1     MFP - Canon - MG6200 series [ Manually Connected by WIN-5G3TQC9PD7H ]						

### Request to Connect

When one computer in you LAN **Connects for Scanning**, it is occupying the scanner or MFP; then if you would like to use the printer as well, you will have to **Request for Connect**.

**Step 1:** Highlight the scanner or MFP you want to share for printing or scanning.



Step 2: Click the tab *Request to Connect*.





Step 3: You will be prompted a window that transmits your request. Please wait patiently for the reply.



Step 4: If the other user Accepts your request to connect, please click *Exit* to start your printing or scanning task.





### 4.2.3 Other functions/ settings

### > Configuration

Go to **Tools-> Configuration**, tick the option *Automatically execute when logging on Windows*, and then click *OK*.

TP-LINK USB Printer Controller	Control Center - Configuration
System Tools About	
Configuration Auto-Connect Printer List Disconnect for Se Network Scanner Disconnect	Basic
→ TL-WDR4300 - 192 168.0.1 → MFP - Canon - MG6200 series	OK Cancel Apply

With this setting, the TP-LINK USB Printer Controller will run automatically every time you log on your computer.

#### > About

Go to **About -> About**, a window will pop up and display some relevant information about this Control Center.



About Control Center
TP-LINK USB Printer Controller Software Version : 1.0.12.0323 Driver Version : 1.65.20 Copyright (c) 2012 TP-LINK TECHNOLOGIES CO., LTD All Rights Reserved. Website : www.tp-link.com Email : support@tp-link.com

### Configure Server

Highlight the Router and click the tab *Configure Server*; the login window of the Router will pop up. You need to enter the user name and password (both are **admin** by default.) to log in the web-based management page of the Router.





# Chapter 5. Installation for Mac OS

 Download the setup software TP-Link UDS Printer Controller Installer.dmg from our website: www.tp-link.com.

2. Double-click the software you've downloaded.

3. Double-click the **TP-Link UDS Printer Controller Installer.app** in the window that pops up.







4. Click *Install* to start the installation process.

$\Theta \circ \circ$	TP-Link UDS Printer Controller Insta	aller 1.0.12.0312	
	Welcome to the TP-Link UDS Printer Controller Installer Please click Install to start the installation process.	Cancel	Install

5. Click *Restart* to finish the software installation.

000	TP-Link UDS Printer Controller Ins	staller 1.0.12.0312	
2	Control Center installation was successfully completed! Please click Restart to finish the software installation.	Cancel	Restart

on your desktop.



# Chapter 6. Application for Mac OS

## 6.1 To Launch/Exit the TP-LINK USB Printer Controller

- > To launch the USB Printer Controller, double-click the icon
- > To exit the USB Printer Controller, you have two ways:
  - Click *TP-Link USB Printer Controller -> Quit*, when the printer controller is on the process. Or you can
    press the keyboard *command + Q* to quickly exit the controller.

TP-Link USB Printer Controller



• Left-click and hold the icon in the dock for a while, then you can click **Quit** to exit the controller.





## 6.2 To Utilize the TP-LINK USB Printer Controller

### 6.2.1 To Print

To print, first of all, you need to set your **Auto-Connect Printer**. After successful setting, you can execute your printing tasks automatically.

Please follow the steps below to set your auto-connect printer.

**Step 1:** Highlight your printer.



Step 2: Click the tab *Auto-Connect for printing* to pull down a list, where you can select *Set Auto-Connect Printer*.





Step 3: Select the printer you would like to set as auto-connect printer, and then click the *Apply* button.



After successful setting, you will see the printer marked as **Auto-Connect Printer**. Then you can execute your printing task freely.





### > If you want to disable your printer's auto-connect function, you can delete it.

### Method One:

Select *Delete Auto-Connect Printer* from the drop-down list of the tab **Auto-Connect** for Printing.

O O O	2, 🗙 🍖	TP-Link USB Printer Controller		
🔻 🗢 TL-WDR43				
🍃 MFP - C		+ Set Auto-Connect Printer		
		- Delete Auto-Connect Printer		
			Close	

### Method Two:

1. Go to Tools->Auto-Connect Printer List.





2. Highlight your auto-connect printer and then click *Delete*.



### 6.2.2 To Scan

There are two methods available to realize the scanning function.

#### Method One: Network Scanner

**Step 1:** Highlight your scanner or MFP.





# Step 2: Click *Tools* and then select *Network Scanner*.



Step 3: Select the kind of picture you want to scan and the destination you want to save it; name your picture and select the format of it. Then click *Scan*.





### **Step 4:** Wait a while for the scan process.



Step 5: When it is completed, you will see the scan result shown in the middle.

Then go to the location you've chosen in the previous **Step 3** and find your picture scanned.





### Method Two: Connect for Scanning

### Solution Note:

If you choose this method for scanning, no one else in your LAN can share the scanner or MFP to either print or scan, until you click the tab *Disconnect for Scanning* to release it or accept their **Request to Connect**.

Step 1: Highlight your scanner or MFP.





Successfully set and ready for scanning, it will display **Manually Connected by...**, when you can start your scan task.



00	TP-Link USB Printer Controller
🏠 🏫 🖏 🛠 🎲	
V 🗢 TL-WDR4300 - 192.168.0.1	
🌉 MFP - Canon - MG6200 series	[Manually Connected by TP-LINKs-MacBook-Pro]
-	



Step 3: After finishing your scan task, please do remember to click the tab *Disconnect for Scanning* to release the scanner or MFP.

00	TP-Link USB Printer Controller
🏠 🏂 🕰 💸 👘	
🔻 🛹 TL-WDR4300 - 192.168.0.1	
🎽 MFP - Canon - MG6200 series [M	Manually Connected by TP-LINKs-MacBook-Pro]

#### Request to Connect

The Reliable Choice

When one computer in you LAN **Connects for Scanning**, it is occupying the scanner or MFP; then if you would like to use it as well, you will have to **Request for Connect**.

**Step 1:** Highlight the scanner or MFP you want to share for printing or scanning.

00	TP-Link USB Printer Controller
🏠 🚵 🖏 🐝	
🔻 < TL-WDR4300 - 192.168.0.1	
🍑 MFP - Canon - MG6200 series [	Manually Connected by TP-LINKs-MacBook-Pro]

Step 2: Click the tab Request to Connect.





Step 3: You will be prompted a window that transmits your request. Please wait patiently for the reply.



Step 4: If the other user Accepts your request to connect, please click *Close* to start your printing or scanning task.

0 0 0	TP-Link USB Printer Controller
Auto 2 2	
🔻 🛹 TL-WDR4300 - 19	100.01
🍓 MFP - Canon -	Got the reply !
	III Connected device successfully III
	Remote User: tplink29257
	Server: TL-WDR4300 - 192.168.0.1
	Device: MFP - Canon - MG6200 series
	Close



### 6.2.3 Other functions/ settings

### > About

Go to **TP-Link USB Printer Controller -> About**; a window will pop up and display some relevant information about this printer controller.



### Configure Server

Highlight the Router and click the tab *Configure Server*, the login window of the Router will pop up. You need to enter the user name and password (both are **admin** by default.) to log in the web-based management page of the Router.



		_	ė	To view this page, you must log in to this area on 192.168.0.1:80: TP-LINK Wireless Dual Band Gigabit Router WDR4300 Your password will be sent unencrypted.
$\Theta \Theta \Theta$	TP-Link USB Printer Controller			Name: admin
🟫 🕰 🗶 🎲				Password: ••••
🔻 🐡 TL-WDR4300 - 192.168.0.1				Remember this password in my keychain
🍓 MFP - Canon - MG6200 series	_			
				Cancel Log In

#### Open at Login $\triangleright$



Left-click and hold the icon in the dock for a while, until you can select **Option > Open at Login**.



With this setting, the TP-LINK USB Printer Controller will run automatically every time you log on your Mac.



# **Appendix: Troubleshooting**

### 1. Where can I find the printer compatibility list?

Go to our website *www.tp-link.com*, then go to **Products** ->**Wireless**, find your product model and go to **Download** -> **Document** -> **Printer Compatibility List**.





### 2. Where can I find the relevant software for installation?

Go to our website *www.tp-link.com*, then go to **Products** ->**Wireless**, find your product model and go to **Download** ->**Software** -> **Utility**. Then next web page will be loaded, where you can select the **USB Printer Controller\_Utility** and download it.







Utility		
	Published Date	11/29/2012
	Language	English
TL-WDR4300_V1_USB Print er Controller_Utility	File Size	7.29 MB
LI	Operating System	Win XP/Vista/7/8
	Notes	For TL-WDR4300 V1
	Published Date	8/10/2012
	Language	English
TL-WDR4300_V1.0_EasySet upAssistant 🔸	et File Size	9.25 MB
	Operating System	WinXP/Vista/7
	Notes	For Windows only



### 3. How to manage the print server on the web-based management page?

The Router's Print Server function is enabled by default. To disable the function, you need to log onto the Web-based management page. See the following instructions (Here takes that in Windows 7 for example):

- 1) Make sure you have a PC or notebook connected to the wireless Router, either via wireless or wired connection.
- 2) Launch the TP-LINK USB Printer Controller, highlight the Router and click the tab *Configure Server*.





### Troubleshooting

3) After a moment, a login window will appear. Enter admin (in lower case letters) for both the User Name and Password. Then click the OK button or press the Enter key.

Windows Security		
The server tplinklogin.net at TP-LINK Wireless Dual Band Gigabit Router WDR4300 requires a username and password.		
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).		
admin ••••• Remember my credentials		
OK Cancel		



### 4) Go to **USB Settings -> Print Server**. Clicking **Stop** will disable the function and clicking **Start** will enable it.



Status	Print Server Setting
Quick Setup	
WPS	
Network	Server Status: Offline Start 43. Click Start to enable the function
Wireless	
DHCP	
USB Settings	1. Click USB Settings
- Storage Sharing	
- FTP Server	
- Media Server	
- Print Server	2. Click Print Server
- User Accounts	