Manuals+ — User Manuals Simplified.

How to setup WDS by two TOTOLINK routers

Contents

How to setup WDS by two TOTOLINK routers

It is suitable for: **N150RA, N300R Plus, N300RA, N300RB, N300RG, N301RA, N302R Plus, N303RB, N303RBU, N303RT Plus, N500RD, N500RDG, N505RDU, N600RD, A1004, A2004NS, A5004NS, A6004NS**

Application introduction: WDS (Wireless Distribution System) provides bridge traffic between two LANs though the air and extends the coverage range of a WLAN.
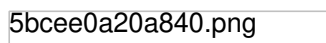
Notice:

> **Both routers must have the same channel set.**

> **Both routers must be set to the same band 2.4G or 5G.This article takes 2.4G as an example.**
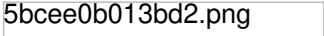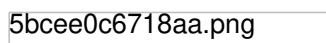
The first router

STEP-1: Connect your computer to the router

1-1. Connect your computer to the router by cable or wireless, then login the router by entering http://192.168.1.1 into the address bar of your browser.
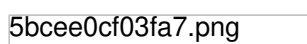
5bcee0a20a840.png

Note: The default IP address of TOTOLINK router is 192.168.1.1, the default Subnet Mask is 255.255.255.0. If you can't log in, Please restore factory settings.

1-2. Please click **Setup Tool** icon 5bcee0b013bd2.png to enter the router's setting interface.

5bcee0c6718aa.png

1-3. Please login to the Web Setup interface (the default user name and password is **admin**).

5bcee0cf03fa7.png

STEP-2:

Click **Advanced Setup->Wireless->Wireless Setup** on the navigation bar on the left.

5bcee0d5a472d.png

STEP-3:

Enter the information show below and then click Apply button for saving modification.

–SSID: Network name (avoid setting the same name with each other)

–Channel: Select by your environment (e.g. 11)

–Encryption: WPA-PSK/WPA2-PSK+AES

–Encryption key: Type in eight to sixty-three letters(a~z) or numbers (0~9)

5bcee0e5e8012.png

STEP-4:

Click Advanced setup->Wireless->WDS Setup, then click [AP Scan] to choose SSID of Secondary Router.

5bcee0ebef5c5.png

The second router

STEP-1:

Connect your computer to the second router, the first step is the same as the first router.

STEP-2:

Click **Advanced setup->Wireless->WDS Setup** on the left.

5bcee14945f66.png

STEP-3:

Click **[AP Scan]** and find the SSID of the first router, and then click **Add** button.The AP's information will be displayed next as the picture show.

5bcee1905a0d4.png

STEP-4:

Enter Wireless Setup interface. Enter the SSID different from the first router, and the same channel encryption type and password with the first router.

5bcee19823203.png

STEP-5:

Click **Advanced Setup->Network->LAN/DHCP Server** on the navigation bar on the left.

5bcee19f6fc5d.png

STEP-6:

Skip to STEP-6 if the router is in the same LAN with Primary Router but different IP Address.

6-1. Change the LAN IP to 192.168.1.X(X must be different from the first one), and then click Apply& Restart button.

5bcee1ac1353b.png

6-2. Login the router's setting interface again.

STEP-7:

Stop DHCP Service in the LAN/DHCP setup interface by selecting stop as the image show.

5bcee1b73f6f0.png   5bcee1baed0c1.png

DOWNLOAD

How to setup WDS by two TOTOLINK routers – [**Download PDF**]