

# Configure LAN DHCP Server Settings on the RV110W

## Objectives

The RV110W acts as a DHCP server in the LAN by default. With DHCP enabled, the RV110W's IP address serves as the gateway address to your LAN. The RV110W assigns IP addresses to PCs on the LAN from a pool of addresses. The RV110W tests each address before it is assigned to avoid duplicate addresses on the LAN.

The objective of this document is to show you how to configure the DHCP Server Settings on the RV110W.

## Applicable Devices

- RV110W

## LAN DHCP Server Settings

Step 1. In the web configuration utility choose **Networking > LAN > LAN Configuration**.

Server Settings(DHCP)	
DHCP Server:	<input checked="" type="radio"/> Enable <input type="radio"/> Disable <input type="radio"/> DHCP Relay
Remote DHCP Server:	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Starting IP Address:	192 . 168 . 1 . <input type="text" value="100"/>
Maximum Number of DHCP Users:	<input type="text" value="50"/>
IP Address Range:	192 . 168 . 1 . 100 to 149
Client Lease Time:	<input type="text" value="0"/> minutes ( 0 means one day )
Static DNS 1:	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Static DNS 2:	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
Static DNS 3:	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>
WINS:	<input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/> . <input type="text" value="0"/>

Step 2. Click one of the following radio buttons in the *DHCP Server* field.

- Enable — Allows the RV110W to act as a DHCP server.
- Disable — Disables DHCP on the RV110W.
- DHCP Relay — Makes the RV110W act as a relay of IP addresses by a different DHCP server.

Step 3. When **Enable** is selected, enter the following information:

**Server Settings(DHCP)**

DHCP Server:  Enable  Disable  DHCP Relay

Remote DHCP Server:  .  .  .

Starting IP Address:  .  .  .

Maximum Number of DHCP Users:

IP Address Range: 192 . 168 . 1 . 100 to 149

Client Lease Time:  minutes ( 0 means one day )

Static DNS 1:  .  .  .

Static DNS 2:  .  .  .

Static DNS 3:  .  .  .

WINS:  .  .  .

- Starting IP Address — Enter the first address in the IP address pool. Any new DHCP client joining the LAN is assigned an IP address in this range.
- Maximum Number of DHCP Users — Enter the maximum number of DHCP clients.
- IP Address Range — (Read Only) Displays the range of IP addresses available to the DHCP clients.
- Client Lease Time — Enter the duration (in hours) for which the IP addresses are leased.
- Static DNS 1 — Enter the IP address of the primary DNS server.
- Static DNS 2 — Enter the IP address of the secondary DNS server.
- Static DNS 3 — Enter the third DNS server.
- WINS — Enter the IP address of the primary Windows Internet Name Service (WINS) server.

Step 4. When **DCHP Relay** is selected, enter the address of the relay gateway in the *Remote DHCP Server* field.

### Server Settings(DHCP)

DHCP Server:  Enable  Disable  DHCP Relay

Remote DHCP Server: 0 . 0 . 0 . 0

Starting IP Address: 192 . 168 . 1 . 100

Maximum Number of DHCP Users: 50

IP Address Range: 192 . 168 . 1 . 100 to 149

Client Lease Time: 0 minutes ( 0 means one day )

Static DNS 1: 0 . 0 . 0 . 0

Static DNS 2: 0 . 0 . 0 . 0

Static DNS 3: 0 . 0 . 0 . 0

WINS: 0 . 0 . 0 . 0

Step 5. Click **Save**.