

DHCP Reservation – Used for Good Handshake on Your Network

DHCP Reservation is used to help carry packets along your network to your devices efficiently; especially when using Hosted Office VoIP phones in the office or home. We typically do this work in your office for you on-site to help ensure the best performance for incoming and outgoing packets and reduce possible technical issues. Here’s a quick overview of how to do this on an ASUS router and TP-Link routers also offer this feature. You’ll need a connected computer to do this as “Router Apps” running on iOS and Android typically do not include this more advanced networking feature.

First, log into your router’s web portal using the admin account you have set on the router.

In this screenshot, you go to the LAN (on the left) and once there, click the DHCP Server tab. Go down and click “Yes” to Enable Manual Assignment. Below that, use the drop down for “Client Name (MAC Address)” and find the MAC address or your phone’s model number – it should match the phones MAC address or model number on the sticker on the back of your phone. HINT: It may also display the device’s name such as SEPMACADDRESS for Cisco phones and SIP-MODELNUMBER for Yealink phones. Once selected, click “Add” or “+” and then scroll down and click “Apply”. You’re all set.

The screenshot shows the 'LAN - DHCP Server' configuration page. The 'Basic Config' section includes:

- Enable the DHCP Server: Yes No
- RT-AC66U B1's Domain Name: [Empty text box]
- IP Pool Starting Address: 192.168.55.2
- IP Pool Ending Address: 192.168.55.254
- Lease time: 86400
- Default Gateway: [Empty text box]

The 'DNS and WINS Server Setting' section includes:

- DNS Server: [Empty text box]
- WINS Server: [Empty text box]

The 'Manual Assignment' section includes:

- Enable Manual Assignment: Yes No

The 'Manually Assigned IP around the DHCP list (Max Limit : 64)' table is as follows:

Client Name (MAC Address)	IP Address	DNS Server (Optional)	Add / Delete
ex: 04:D9:F5:96:BE:80	[Empty text box]	[Empty text box]	[+]
CANON INC D8:49:2F:59:1B:8E	192.168.55.154	Default	[-]