

# How To Setup a DHCP Range On A Luxul Router

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A **DHCP Range** is a range of IP addresses from which to include or exclude addresses used for DHCP service lease offerings. Basically, when network devices that are DHCP are connected to the network, they receive a temporary address in the DHCP reservation. Using a DHCP range is beneficial when setting up a Total Control network as this assures that there are no IP Conflicts in the network.

Use a DHCP range for all devices that come into and leave the total control network (mobile devices, laptops, etc.)

Use static address for all devices that are permanent in the Total Control system (MRX-10, TRC-1080, AVR's , etc.)

This article outlines how to create a **DHCP Range** in a **Luxul router**. Although most routers are capable of a **DHCP Range**, the steps may vary slightly different from one brand to the next. Please consult your routers users manual to learn more about creating a DHCP range for your brand of router.

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1. Log into the **Luxul router** by opening up a web browser and entering the **IP address** of the router. The default IP address for a Luxul router is: **192.168.0.1**.
    1. The default username is **admin**
    2. The default password is **admin**.
  
  1. Once in the router under the **Network** tab select **DHCP Server**.

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Internet / WAN

Connection Type  DHCP

Primary DNS  DNS Assigned By ISP

Secondary DNS

Custom MAC Address

Custom MTU  1500

Local Network / LAN

LAN IP Address  192.168.0.1

LAN Subnet Mask  255.255.255.0

Router Help

Quick Setup

Begin configuring your Luxul MultiWAN Router on this page. Configure WAN, and LAN network settings.

3. Modify the **Start** and **End** of the **DHCP range** to the desired range. Remember, plan for largest case scenario (most devices all on-site and connected to the router via DHCP)

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DHCP

Enable DHCP Server  Enabled

**DHCP Range:**

Start  192.168.0.100

End  192.168.0.200

Lease Time (hours)  12

DHCP Server

The DHCP Server feature is used to automatically assign IP Addresses to devices on the LAN. If disabled, the IP Address for each device must be set manually.

4. Click **Save**. The range has been created. When ever a new device or any other DHCP device is connected to the network, it receives an IP address within the DHCP range.

See [www.luxul.com](http://www.luxul.com) for more information about Luxul networking products, updates and manuals.