

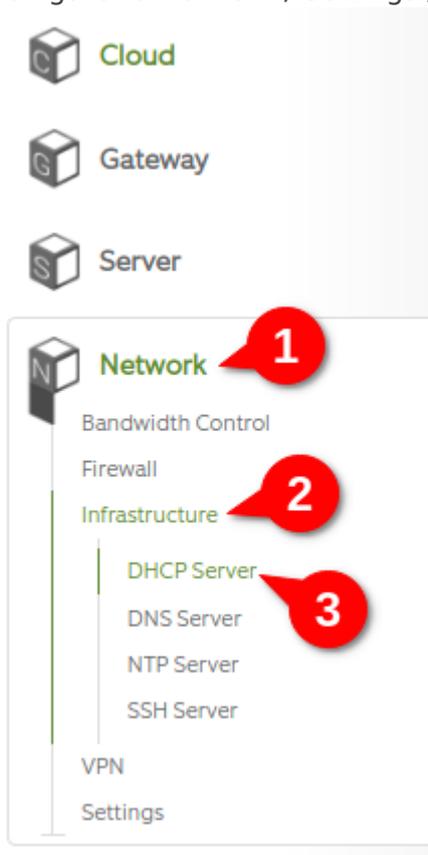
ClearOS DHCP Server

About

ClearOS 7 is configured to be the DHCP server for any LAN interfaces by default. The DHCP server settings can be customized to your preferences, or turned off entirely in the event you wish to have other equipment manage DHCP on your network.

Settings

1. Sign-in to the ClearOS Webconfig panel
2. Navigate to Network / Settings / DHCP Server



3. By default, the DHCP server is configured to
 - Authoritative
 - Use the system hostname for the local domain Change these settings with the [Edit](#) button.

Subnets are listed out per-interface, along with the DHCP server configuration for those subnets. Actions available:

- Change existing configurations with [Edit](#)
- Turn off the DHCP server for a subnet with [Delete](#)
- Configure the DHCP server for a subnet with [Configure](#)



The DHCP Server app provides automatic IP configuration to devices on your network.

Settings

Authoritative:

Domain:

[Edit](#)

DHCP Server

App Maintainer: ClearFoundatio

App Version: 2.5.28

Support Policy:

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Subnets

Interface	Network	Status	Action
enp0s25	10.5.5.0	Enabled	Edit Delete
enp0s26	192.168.0.0	Disabled	Configure

Subnet settings are available as follows:

- Lease Time
- Gateway
- IP Range Start
- IP Range End
- DNS server(s)

- Additional server types Select to apply your changes. (Initial configuration of a prior-unconfigured subnet will show instead of .)

Subnet

Network Interface	<input type="text" value="enp0s25"/>
Network	<input type="text" value="10.5.5.0"/>
Lease Time	<input type="text" value="12 Hours"/>
Gateway	<input type="text" value="10.5.5.1"/>
IP Range Start	<input type="text" value="10.5.5.100"/>
IP Range End	<input type="text" value="10.5.5.254"/>
DNS #1	<input type="text" value="10.5.5.1"/>
DNS #2	<input type="text"/>
DNS #3	<input type="text"/>
WINS	<input type="text"/>
TFTP	<input type="text"/>
NTP	<input type="text"/>
SIP	<input type="text"/>
WPAD	<input type="text"/>

4. The Lease Table shows information on existing leases. For more information, including lease time/status, select (#1 on the screenshot).

- The button (#2 on the screenshot) enables creating new lease for a device that hasn't connected to the network yet. A new form will load for you to enter the MAC and IP address information.
- The button (#3 on the screenshot) enables you to edit the IP address lease information, as well as the lease type.

Be aware that edits to an existing Lease won't take effect until the device in question re-requests an address from the DHCP server.

- The `Delete` button (#4 on the screenshot) removes the lease entry from the server.

The screenshot shows a table of DHCP leases. At the top right, there are buttons for 'Detailed Report' and 'Add', with a red callout '1' pointing to the 'Detailed Report' button. Below the table, there is a search bar with a red callout '2' pointing to it. The table has columns for IP Address, MAC Address, Identifier, and Action. The first row has IP 10.5.5.104 and a red callout '3' pointing to its 'Edit' button. The second row has IP 10.5.5.114, Identifier 'Windows7Pro-PC', and a red callout '4' pointing to its 'Delete' button. The third row has IP 10.5.5.121 and Identifier 'HP'.

IP Address	MAC Address	Identifier	Action
10.5.5.104	[MAC Address]		Edit Delete
10.5.5.114	[MAC Address]	Windows7Pro-PC	Edit Delete
10.5.5.121	[MAC Address]	HP	Edit Delete

Dynamic lease example:

The screenshot shows a form for editing a lease. The fields are: Expires (Fri Aug 6 13:09:13 2021), MAC Address ([MAC Address]), Vendor (Dell Inc.), Identifier (Windows7Pro-PC), IP Address (10.5.5.114), and Lease (Dynamic). At the bottom right, there are 'Update' and 'Cancel' buttons.

Expires	Fri Aug 6 13:09:13 2021
MAC Address	[MAC Address]
Vendor	Dell Inc.
Identifier	Windows7Pro-PC
IP Address	10.5.5.114
Lease	Dynamic

Static lease example:

Lease

Expires	<input type="text" value="Never"/>
MAC Address	<input type="text" value="■ ■ ■ ■ ■ ■"/>
Vendor	<input type="text" value="Dell Inc."/>
Identifier	<input type="text"/>
IP Address	<input type="text" value="10.5.5.104"/>
Lease	<input type="text" value="Static"/>

Revision #1

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