

Cancel
Wired
Apply

Details
Identity
IPv4
IPv6
Security

IPv4 Method

☐ Automatic (DHCP)
☐ Link-Local Only

☒ Manual
☐ Disable

Addresses

Address	Netmask	Gateway	
192.168.1.2	255.255.255.0	192.168.1.1	✕
			✕

DNS

Automatic
ON

192.168.1.2

Separate IP addresses with commas

Routes

Automatic
ON

Address	Netmask	Gateway	Metric	
				✕

Open
dhcpd.conf
Save

```

option definitions common to all supported networks...
option domain-name "ducnhu.vn";
option domain-name-servers ns.ducnhu.vn;

default-lease-time 600;
max-lease-time 7200;

Use this to enable / disable dynamic dns updates globally.
ddns-update-style none;

If this DHCP server is the official DHCP server for the local
network, the authoritative directive should be uncommented.
authoritative;

Use this to send dhcp log messages to a different log file (you also
have to hack syslog.conf to complete the redirection).
log-facility local7;

No service will be given on this subnet, but declaring it helps the
DHCP server to understand the network topology.

This is a very basic subnet declaration.

subnet 192.168.1.0 netmask 255.255.255.0 {
    range 192.168.1.100 192.168.1.200;

```

Plain Text
Tab Width: 8
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```
dhcpd.conf
/etc/dhcp

log-facility local7;

# No service will be given on this subnet, but declaring it helps the
# DHCP server to understand the network topology.

# This is a very basic subnet declaration.

subnet 192.168.1.0 netmask 255.255.255.0 {
    range 192.168.1.100 192.168.1.200;
    option routers 192.168.1.1;
    option domain-name-servers 192.168.1.2;
}

# This declaration allows BOOTP clients to get dynamic addresses,
# which we don't really recommend.

subnet 10.0.0.0 netmask 255.255.255.0 {
    range 10.0.0.2 10.0.0.254;
    option routers 10.0.0.1;
    option domain-name-servers 192.168.1.2;
}

# A slightly different configuration for an internal subnet.

# Hosts which require special configuration options can be listed in -----
```

```
File Edit View Search Terminal Help

[root@Ducnhuad ~]# service dhcpd status
Redirecting to /bin/systemctl status dhcpd.service
● dhcpd.service - DHCPv4 Server Daemon
   Loaded: loaded (/usr/lib/systemd/system/dhcpd.service; disabled; vendor preset: disabled)
   Active: inactive (dead)
     Docs: man:dhcpd(8)
           man:dhcpd.conf(5)
[root@Ducnhuad ~]# service dhcpd start
Redirecting to /bin/systemctl start dhcpd.service
[root@Ducnhuad ~]# service dhcpd status
Redirecting to /bin/systemctl status dhcpd.service
● dhcpd.service - DHCPv4 Server Daemon
   Loaded: loaded (/usr/lib/systemd/system/dhcpd.service; disabled; vendor preset: disabled)
   Active: active (running) since Thu 2024-05-09 13:55:39 +07; 10s ago
     Docs: man:dhcpd(8)
           man:dhcpd.conf(5)
  Main PID: 3591 (dhcpd)
    Status: "Dispatching packets..."
     Tasks: 1
   CGroup: /system.slice/dhcpd.service
           └─3591 /usr/sbin/dhcpd -f -cf /etc/dhcp/dhcpd.conf -user dhcpd -gr...

May 09 13:55:39 Ducnhuad dhcpd[3591]: No subnet declaration for virbr0 (192...).
May 09 13:55:39 Ducnhuad dhcpd[3591]: ** Ignoring requests on virbr0. If t...at
May 09 13:55:39 Ducnhuad dhcpd[3591]: you want, please write a subnet de...on
May 09 13:55:39 Ducnhuad dhcpd[3591]: in your dhcpd.conf file for the ne...nt
May 09 13:55:39 Ducnhuad dhcpd[3591]: to which interface virbr0 is attac...**
```

```
File Edit View Search Terminal Help
# The format of this file is documented in the dhcpd.leases(5) manual page.
# This lease file was written by isc-dhcp-4.2.5

lease 192.168.1.100 {
    starts 1 2024/04/22 06:49:40;
    ends 1 2024/04/22 06:59:40;
    tstp 1 2024/04/22 06:59:40;
    cltt 1 2024/04/22 06:49:40;
    binding state free;
    hardware ethernet 00:0c:29:e3:dc:c3;
}
server-uid "\000\001\000\001-\270\275m\000\014)\240p\236";

lease 192.168.1.101 {
    starts 4 2024/05/09 07:02:22;
    ends 4 2024/05/09 07:12:22;
    cltt 4 2024/05/09 07:02:22;
    binding state active;
    next binding state free;
    rewind binding state free;
    hardware ethernet 00:0c:29:f0:3f:fc;
    client-hostname "Ducnhuad";
}
lease 192.168.1.101 {
    starts 4 2024/05/09 07:02:27;
    ends 4 2024/05/09 07:12:27;
    cltt 4 2024/05/09 07:02:27;
    binding state active;
    next binding state free;
    rewind binding state free;
    hardware ethernet 00:0c:29:f0:3f:fc;
    client-hostname "Ducnhuad";
}
[root@Ducnhuad ~]#
```

Cancel

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☒ Manual

☐ Disable

Addresses

Address	Netmask	Gateway
192.168.1.1	255.255.255.0	<div>×</div>
		<div>×</div>

DNS

Automatic

ON

Separate IP addresses with commas

Routes

Automatic

ON

Address	Netmask	Gateway	Metric
			<div>×</div>

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DetailsIdentityIPv4IPv6Security

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Addresses

Address	Netmask	Gateway	
10.0.0.1	255.255.255.0		×
			×

DNS

Automatic

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Routes

Automatic

ON

Address	Netmask	Gateway	Metric	
				×

ApplicationsPlaces

Open

*dhcrelay.service

/etc/systemd

Save

[Unit]

Description=DHCP Relay Agent Daemon

Documentation=man:dhcrelay(8)

Wants=network-online.target

After=network-online.target

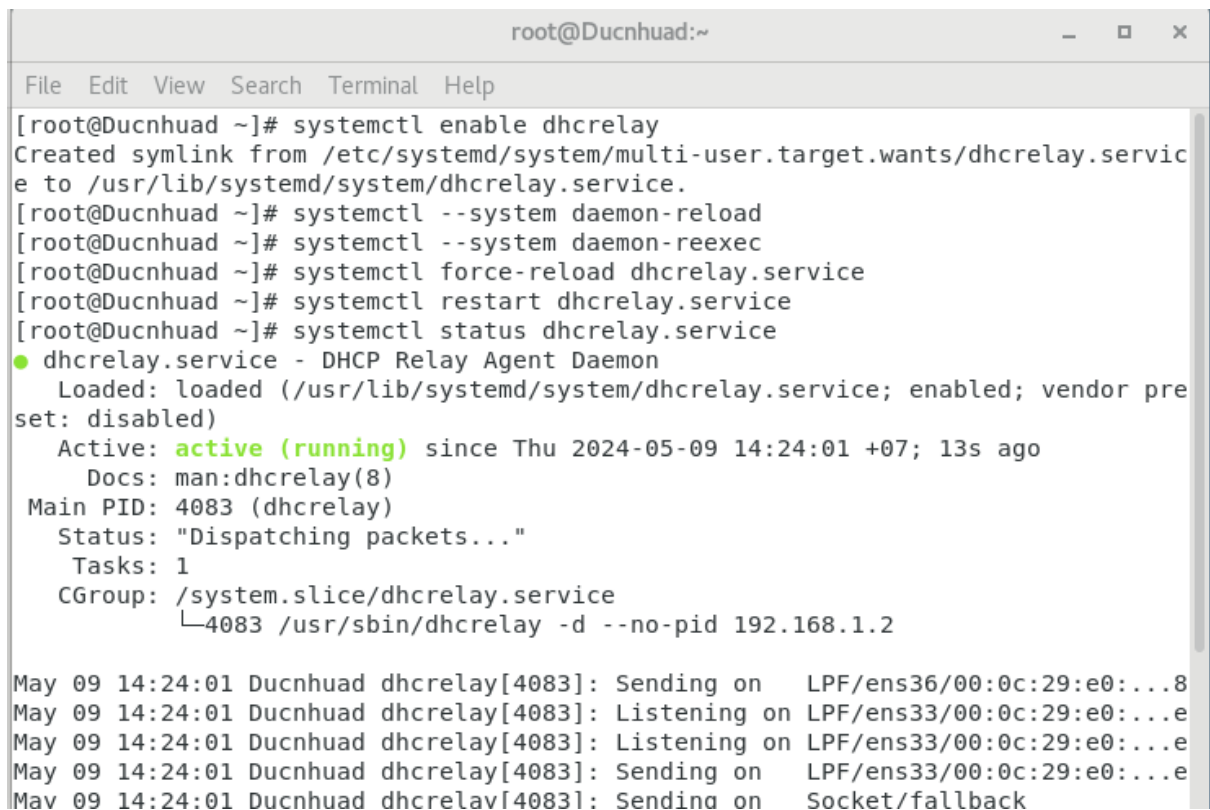
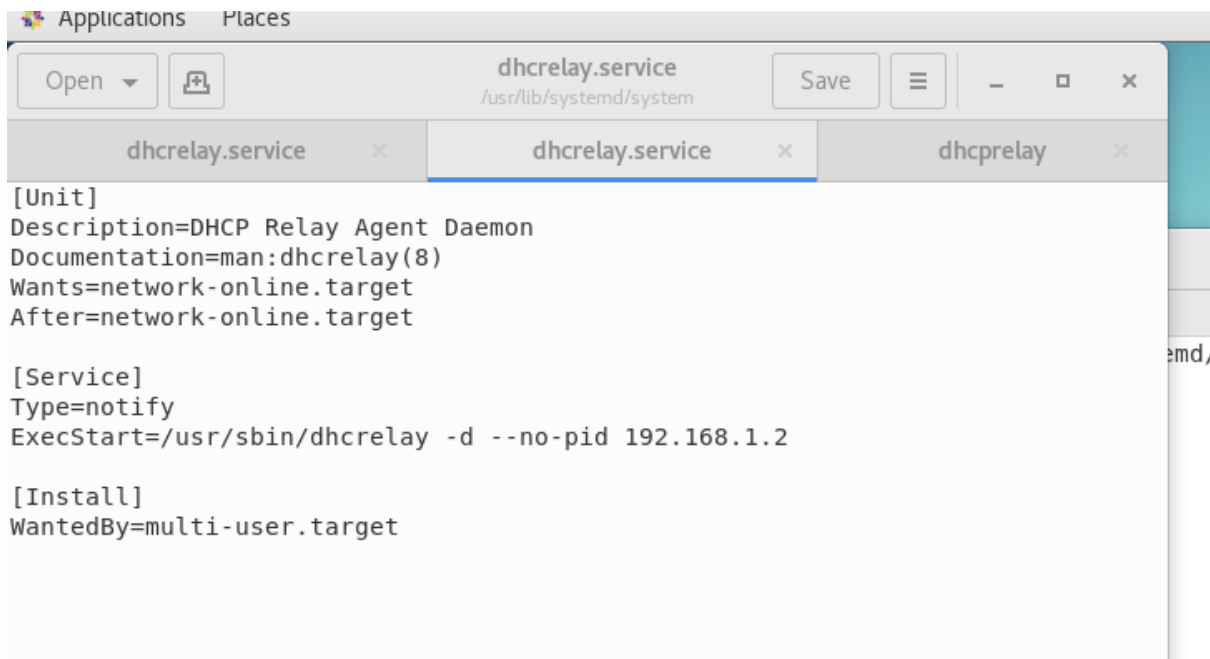
[Service]

Type=notify

ExecStart=/usr/sbin/dhcrelay -d --no-pid 192.168.1.2

[Install]

WantedBy=multi-user.target



```
}
lease 192.168.1.101 {
  starts 4 2024/05/09 07:25:03;
  ends 4 2024/05/09 07:35:03;
  cltt 4 2024/05/09 07:25:03;
  binding state active;
  next binding state free;
  rewind binding state free;
  hardware ethernet 00:0c:29:f0:3f:fc;
  client-hostname "Ducnhuad";
}
lease 192.168.1.101 {
  starts 4 2024/05/09 07:30:04;
  ends 4 2024/05/09 07:40:04;
  cltt 4 2024/05/09 07:30:04;
  binding state active;
  next binding state free;
  rewind binding state free;
  hardware ethernet 00:0c:29:f0:3f:fc;
  client-hostname "Ducnhuad";
}
lease 10.0.0.2 {
  starts 4 2024/05/09 07:32:09;
  ends 4 2024/05/09 07:42:09;
  cltt 4 2024/05/09 07:32:09;
  binding state active;
  next binding state free;
  rewind binding state free;
  hardware ethernet 00:0c:29:31:ba:30;
  client-hostname "Ducnhuad";
}
[root@Ducnhuad ~]#
```