

# Linux DNS Setup

## Static IP address

1. Navigate to the SafeDNS **Dashboard > Settings** and copy your IP address in the "**Enter an IP address or DynDNS**" box. Click "**Add**".

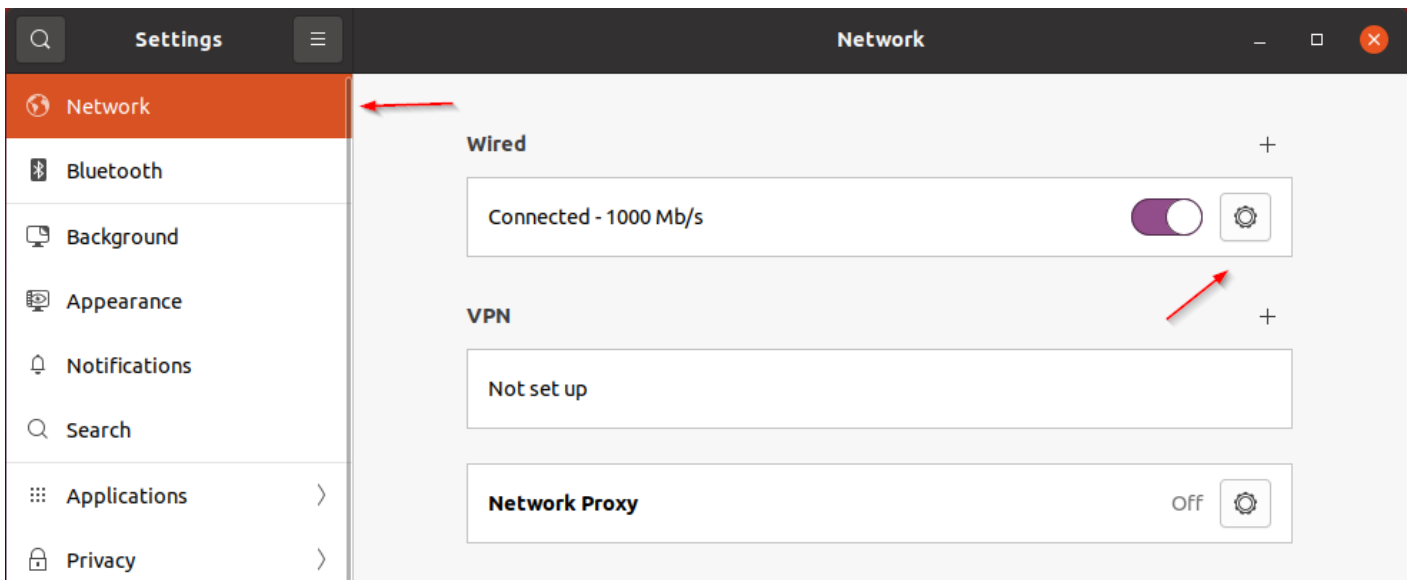
The screenshot shows the SafeDNS dashboard with the following elements:

- Left Sidebar:**
  - Main
  - User administration
  - Settings (highlighted with a red arrow and '1')
  - Devices (highlighted with a red arrow and '2')
  - Policy
  - Schedule
  - Advanced
  - Categories
  - Allowlist
  - Denylist
  - Stats
  - New Stats (Beta)
  - Help
  - Account
- Main Content Area:**
  - Tabs: Devices (selected), Policy, Schedule, Advanced
  - Video instruction for setting up (play button icon)
  - Fields for configuration:
    - Your IP address: [Red box] (labeled 'Copy ip address')
    - IPv4 DNS-servers addresses: 195.46.39.39, 195.46.39.40
    - IPv6 DNS-servers addresses: 2001:67c:2778::3939, 2001:67c:2778::3940
    - DoH address: https://doh.safedns.com
  - IP addresses/DynDNS section (0/13 items):
    - Add IP address or DynDNS form:
      - Enter an IP-address or DynDNS (labeled 'Past ip address')
      - Default (dropdown menu, labeled 'Select filtering policy')
      - Comment
      - Add button
      - Edit as List button
    - Search bar: IP address or DynDNS
    - Table headers: IP address/DynDNS, Policy, Comment
    - Table content: List is empty

2. Change your system's DNS servers to SafeDNS addresses - **195.46.39.39** and **195.46.39.40**

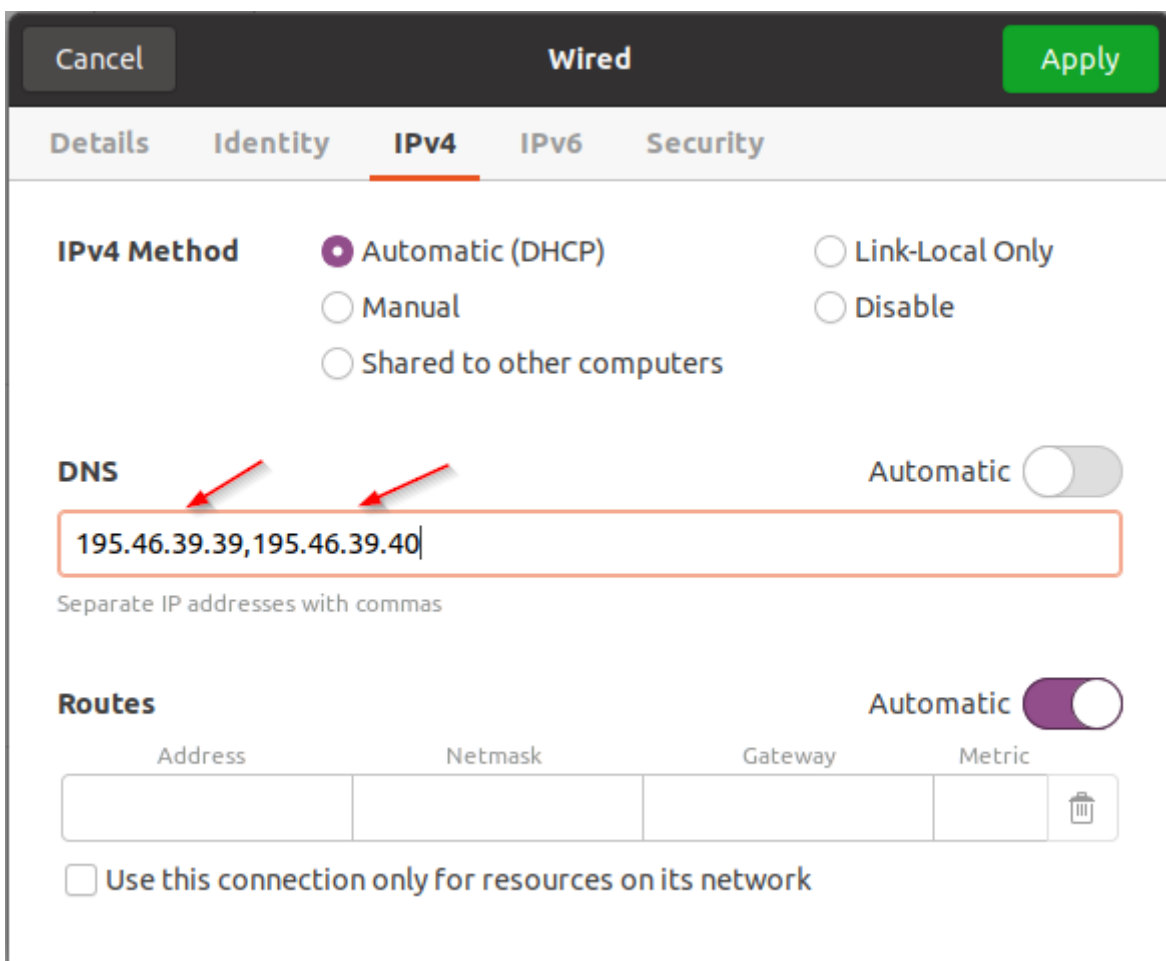
If you configure the network through NetworkManager, it will be sufficient to add SafeDNS servers there.

Open the settings of the current Network Interface.



Add SafeDNS servers: **195.46.39.39** and **195.46.39.40**.

Please note, that servers must be separated by a comma.



Otherwise, you need to find out which application is used for the network settings and add SafeDNS servers there.

**Your Linux device is now filtered with the SafeDNS filtering policy.**

Please note that settings take 5-7 minutes to apply.  
Stats and filtering status update every 10 minutes.

## Dynamic IP address

1. Install and configure **ddclient**.

**ddclient** package is shipped with most Linux distributions.

If your Linux distribution doesn't have ddclient, you can download it from [GitHub](#).

After ddclient is installed, you need to insert the next configuration in its config file (/etc/ddclient.conf or /etc/ddclient/ddclient.conf):

```
daemon=300
syslog=yes
ssl=yes

protocol=dyndns2
server=www.safedns.com

use=web
web=http://www.safedns.com/nic/myip

# Replace with your email and password for www.safedns.com
login=you@yourmail.com
password=your_password

# Enter any name for your device.
# If you have several computers with dynamic IPs their names must differ.
laptop
```

Reboot your device and start ddclient.

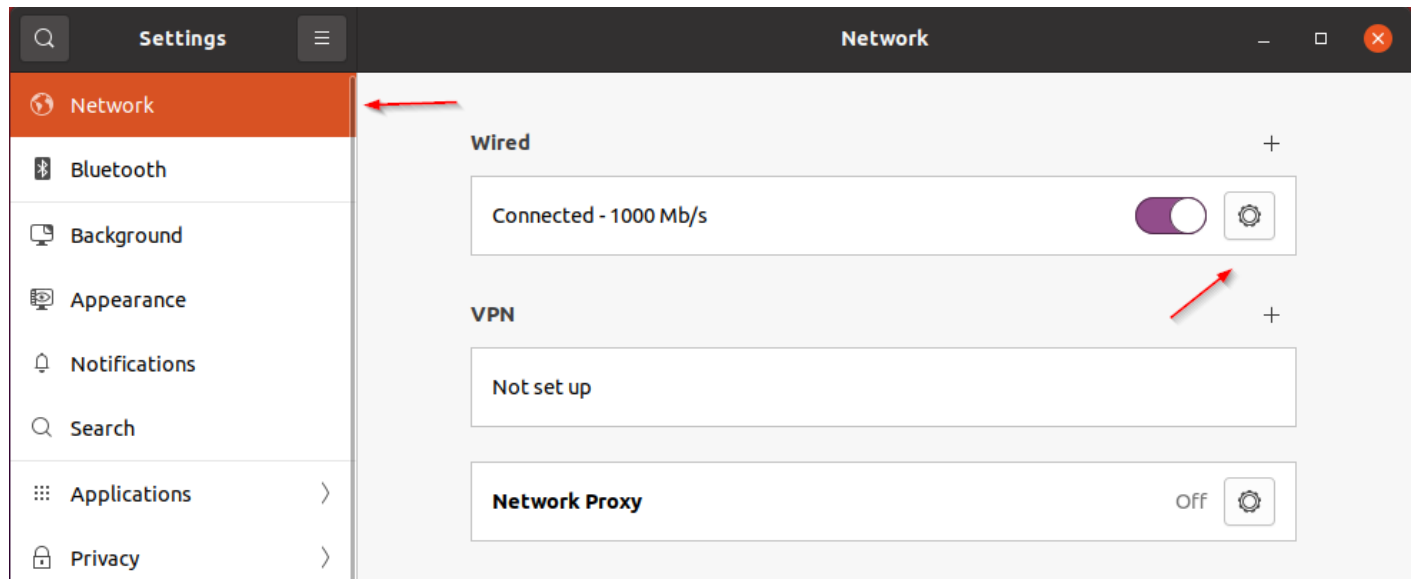
If the similar string is shown in the system logs (/var/log/syslog, /var/log/daemon.log or /var/log/messages), ddclient is successfully configured:

```
Aug 14 12:49:13 laptop ddclient[4105]: SUCCESS: updating laptop: good: IP address set to 18.26.28.10
```

2. Change your system's DNS servers to SafeDNS addresses - **195.46.39.39** and **195.46.39.40**

If you configure the network through NetworkManager, it will be sufficient to add SafeDNS servers there.

Open the settings of the current Network Interface.



Add SafeDNS servers: **195.46.39.39** and **195.46.39.40**.

Please note, that servers must be separated by a comma.

Cancel

Wired

Apply

Details

Identity

IPv4

IPv6

Security

IPv4 Method

☒ Automatic (DHCP)

☐ Link-Local Only

☐ Manual

☐ Disable

☐ Shared to other computers

DNS

Automatic

195.46.39.39,195.46.39.40

Separate IP addresses with commas

Routes

Automatic

Address	Netmask	Gateway	Metric	

☐ Use this connection only for resources on its network

Otherwise, you need to find out which application is used for the network settings and add SafeDNS servers there.

Your Linux device is now filtered with the SafeDNS filtering policy.

Please note that settings take 5-7 minutes to apply.  
Stats and filtering status update every 10 minutes.

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