

Linux



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```
import { Render } from "~/components";
```

Before you begin, take note of any DNS addresses you might have set up, and save them in a safe place in case you need to use them later.

You can configure 1.1.1.1 using the [command line](#) or a [graphical interface](#).

Use command line interface (CLI)

If you want to use 1.1.1.1 for Families instead of the standard resolver, replace `1.1.1.1` in the examples below with the corresponding [IPv4 or IPv6 address](#).

resolv.conf

On most Linux distributions, `/etc/resolv.conf` controls which DNS resolver the system uses.

To set `1.1.1.1` as your DNS resolver with `1.0.0.1` as a backup:

```
echo -e "nameserver 1.1.1.1\nnameserver 1.0.0.1" | sudo tee /etc/resolv.conf
```

:::caution

Some services — such as DHCP clients or `NetworkManager` — automatically overwrite `/etc/resolv.conf` when your network connection changes. If your DNS settings revert after a reboot or reconnection, configure 1.1.1.1 in your network manager or DHCP client instead. :::

You can also edit `/etc/resolv.conf` manually with a text editor like `nano` or `vim`.

systemd-resolved

If your system uses `systemd-resolved` to manage DNS, edit the configuration file at `/etc/systemd/resolved.conf`:

1. Run the following command, replacing `<EDITOR>` with your preferred editor.

```
sudo <EDITOR> /etc/systemd/resolved.conf
```

2. In the editor, add or edit the following lines:

```
[Resolve]
DNS=1.1.1.1
```

To use DNS over TLS, append `#one.one.one.one` after the IP address (this tells `systemd-resolved` which hostname to use for TLS verification) and set `DNSOverTLS` to `yes`:

```
[Resolve]
DNS=1.1.1.1#one.one.one.one
DNSOverTLS=yes
```

Use graphical user interface (GUI)

GNOME

1. Go to **Show Applications > Settings > Network**.
2. Select the adapter you want to configure — such as your Ethernet adapter or Wi-Fi card — and select the **Settings** button.
3. On the **IPv4** tab > **DNS** section, disable the **Automatic** toggle.
4. Go to **IPv6**.
5. Select **Apply**.

KDE Plasma

1. Go to **System Settings > Wi-Fi & Internet > Wi-Fi & Networking**. (or **Connections**, if on Plasma 5)
2. Select the connection you want to configure - like your current connected network.
3. On the **IPv4** tab, select the **Method** drop-down menu > *Automatic (Only addresses)*.

- 4. Select the text box next to **DNS servers**.
 - 5. On the **IPv6** tab, select the **Method** drop-down menu > *Automatic (Only addresses)*.
 - 7. Select the text box next to **DNS servers**.
 - 9. Select **Apply**.
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□□□	#2	
□ □□□	□□□	2026-10-31 23:19:22 UTC
□ □□□	□□□	2026-10-31 23:19:24 UTC