

Install Nginx Ubuntu

how to install nginx in ubuntu

Here's a **clean, beginner-friendly way to install Nginx on Ubuntu** (works for Ubuntu 20.04 / 22.04 / 24.04). I'll explain **what each step does**, so no confusion 

◆ Step 1: Update package list

This ensures Ubuntu knows about the latest software versions.

bash

```
sudo apt update
```

◆ Step 2: Install Nginx

Install Nginx from Ubuntu's official repository.

bash

```
sudo apt install nginx -y
```

✓ This installs:

- Nginx web server
 - System service files
 - Default configuration
-

◆ Step 3: Check Nginx status

Make sure Nginx is running.

bash

```
sudo systemctl status nginx
```

You should see:

arduino

```
Active: active (running)
```

If not running, start it:

bash

```
sudo systemctl start nginx
```

◆ Step 4: Allow Nginx through firewall (IMPORTANT)

If UFW firewall is enabled:

bash

```
sudo ufw allow 'Nginx Full'  
sudo ufw reload
```

To verify:

bash

```
sudo ufw status
```

◆ Step 5: Test Nginx in browser

Open your browser and visit:

arduino

```
http://localhost
```

or (for server)

cpp

```
http://<your-server-ip>
```

You should see the “Welcome to nginx!” page.

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](#). Commercial support is available at [nginx.com](#).

Thank you for using nginx.



◆ Step 6: Important Nginx locations (Very useful)

Purpose	Path
Website root	/var/www/html
Main config	/etc/nginx/nginx.conf
Server blocks	/etc/nginx/sites-available
Enabled sites	/etc/nginx/sites-enabled
Logs	/var/log/nginx/

◆ Step 7: Useful Nginx commands

bash

```
sudo systemctl start nginx      # Start
sudo systemctl stop nginx       # Stop
sudo systemctl restart nginx    # Restart
sudo systemctl reload nginx     # Reload config (no downtime)
sudo nginx -t                  # Test config
```

◆ Optional: Enable Nginx on boot

bash

```
sudo systemctl enable nginx
```

✓ Done!

Nginx is now installed and running on Ubuntu 🎉

Want next steps?

I can help you with:

- 1 Hosting a website using Nginx
- 2 Reverse proxy (Node.js / Spring Boot / FastAPI)
- 3 HTTPS with SSL (Let's Encrypt)
- 4 Nginx vs Apache comparison

Just tell me what you want next 🚀