

Setup Nginx Manually

How To Install Nginx on Ubuntu 20.04 | DigitalOcean

Nginx is one of the most popular web servers in the world and is responsible for hosting some of the largest and highest-traffic sites on the internet. In th...

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Make sure to be out of the virtual environment before following the steps

1. Update/install nginx if you haven't

```
sudo apt update
sudo apt install nginx
```

2. Make sure the nginx is now running

```
systemctl status nginx
```

3. Configure the nginx to serve the domain

```
sudo nano /etc/nginx/sites-available/your_domain
```

4. Add the following to the file, don't forget to replace the server name and port number according to your site.

```
server {
    server_name your_domain;
    client_max_body_size 12M;

    location / {
        proxy_pass http://127.0.0.1:8080/;
        proxy_set_header Host $host;
    }
}
```

5. Enable the file by creating a link to the sites-enabled directory

```
sudo ln -s /etc/nginx/sites-available/your_domain /etc/nginx/sites-enabled/
```

6. Check and restart nginx

```
sudo nginx -t
```

```
sudo systemctl restart nginx
```

How To Secure Nginx with Let's Encrypt on Ubuntu 20.04 | DigitalOcean

Let's Encrypt is a Certificate Authority (CA) that provides an easy way to obtain and install free TLS/SSL certificates, thereby enabling encrypted HTTPS on ...

<https://www.digitalocean.com/community/tutorials/how-to-secure-nginx-with-let-s-encrypt-on-ubuntu-20-04>



To make your site run with https:

1. Make sure to have cert-bot first

```
sudo apt install certbot python3-certbot-nginx
```

2. Then, run this to get the certificates

```
sudo certbot --nginx -d example.com -d www.example.com
```

3. If asked, choose `Redirect - Make all requests redirect to secure HTTPS access.`
4. Your site should be able to run on https now, and changes are made to the `sites-available` file automatically. If the site is still not running, **make sure you have port 80 and 443 allowed.**