

# How to Install Nginx on an EC2 Instance (Without Docker)

Nginx is a popular web server and reverse proxy server. This guide explains how to install Nginx directly on an EC2 instance without using Docker.

## 1. Connect to EC2 Instance

Use SSH to connect to your EC2 instance:

```
ssh -i my-key.pem ec2-user@
```

## 2. Update System Packages

- Amazon Linux / RHEL / CentOS: `sudo yum update -y`
- Ubuntu / Debian: `sudo apt update -y && sudo apt upgrade -y`

## 3. Install Nginx

- Amazon Linux 2: `sudo amazon-linux-extras enable nginx1 sudo yum install nginx -y`
- Ubuntu / Debian: `sudo apt install nginx -y`
- RHEL / CentOS: `sudo yum install epel-release -y sudo yum install nginx -y`

## 4. Start and Enable Nginx

Run the following commands:

```
sudo systemctl start nginx sudo systemctl enable nginx
```

## 5. Configure Security Groups

In AWS Console → EC2 → Security Groups → Edit inbound rules:

- Allow HTTP (port 80)
- Allow HTTPS (port 443)

## 6. Verify Installation

- Check Nginx status: `systemctl status nginx`
- Open `http://` in your browser to see the Nginx welcome page.

Nginx is now installed and running on your EC2 instance without Docker. You can use it to serve static websites, host applications, or configure it as a reverse proxy.