

NGINX INSTALLATION

Step 1 : update and install nginx

- sudo apt update
- sudo apt install nginx

```
sruthi@DESKTOP-S555UVQ:~$ sudo apt update
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
20 packages can be upgraded. Run 'apt list --upgradable' to see them.
sruthi@DESKTOP-S555UVQ:~$ sudo apt install nginx
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  nginx-common
Suggested packages:
  fcgiwrap nginx-doc ssl-cert
The following NEW packages will be installed:
  nginx nginx-common
0 upgraded, 2 newly installed, 0 to remove and 20 not upgraded.
Need to get 552 kB of archives.
After this operation, 1596 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx-common all 1.24.0-2ubuntu7.1 [31.2 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx amd64 1.24.0-2ubuntu7.1 [521 kB]
Fetched 552 kB in 11s (51.8 kB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 41186 files and directories currently installed.)
Preparing to unpack .../nginx-common_1.24.0-2ubuntu7.1_all.deb ...
Unpacking nginx-common (1.24.0-2ubuntu7.1) ...
Selecting previously unselected package nginx.
Preparing to unpack .../nginx_1.24.0-2ubuntu7.1_amd64.deb ...
Unpacking nginx (1.24.0-2ubuntu7.1) ...
Setting up nginx (1.24.0-2ubuntu7.1) ...
Setting up nginx-common (1.24.0-2ubuntu7.1) ...
Processing triggers for ufw (0.36.2-6) ...
Rules updated for profile 'Nginx Full'
Rules updated for profile 'Nginx HTTP'

Processing triggers for man-db (2.12.0-4build2) ...
```

STEP 2 : check the version after installation

- nginx -v

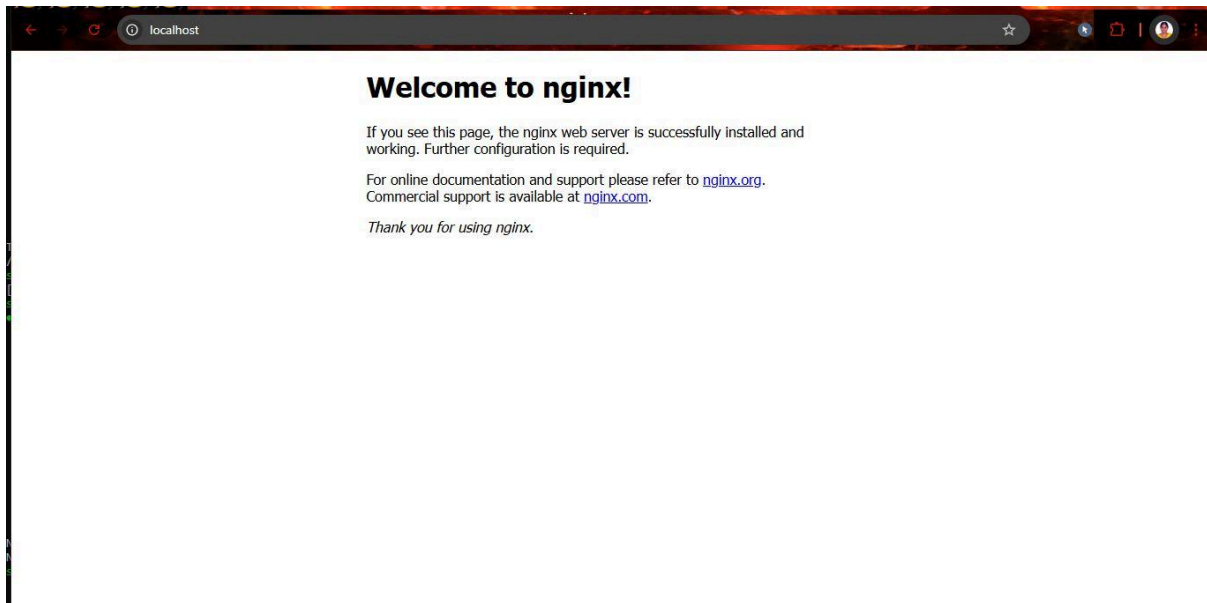
```
sruthi@DESKTOP-S555UVQ:~$ nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
```

STEP 3 : Start the nginx

- sudo systemctl start nginx
- sudo systemctl status nginx

```
sruthi@DESKTOP-S555UVQ:~$ sudo systemctl start nginx
[sudo] password for sruthi:
sruthi@DESKTOP-S555UVQ:~$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Mon 2024-11-04 05:22:57 UTC; 1min 16s ago
     Docs: man:nginx(8)
    Process: 172 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
    Process: 190 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Main PID: 207 (nginx)
      Tasks: 5 (limit: 5824)
     Memory: 2.9M ()
    CGroup: /system.slice/nginx.service
            └─207 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
              └─208 "nginx: worker process"
                └─209 "nginx: worker process"
                  └─210 "nginx: worker process"
                    └─211 "nginx: worker process"

Nov 04 05:22:57 DESKTOP-S555UVQ systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Nov 04 05:22:57 DESKTOP-S555UVQ systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
sruthi@DESKTOP-S555UVQ:~$
```



Step 4 : Stop nginx

→ `sudo systemctl stop nginx`

```
sruthi@DESKTOP-S555UVQ:~$ sudo systemctl stop nginx
sruthi@DESKTOP-S555UVQ:~$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: inactive (dead) since Mon 2024-11-04 05:31:20 UTC; 7s ago
     Duration: 8min 22.276s
    Docs: man:nginx(8)
   Process: 172 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 198 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 553 ExecStop=/sbin/start-stop-daemon --quiet --stop --retry QUIT/5 --pidfile /run/nginx.pid (code=exited, status=0/SUCCESS)
   Main PID: 207 (code=exited, status=0/SUCCESS)

Nov 04 05:22:57 DESKTOP-S555UVQ systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Nov 04 05:22:57 DESKTOP-S555UVQ systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Nov 04 05:31:20 DESKTOP-S555UVQ systemd[1]: Stopping nginx.service - A high performance web server and a reverse proxy server...
Nov 04 05:31:20 DESKTOP-S555UVQ systemd[1]: nginx.service: Deactivated successfully.
Nov 04 05:31:20 DESKTOP-S555UVQ systemd[1]: Stopped nginx.service - A high performance web server and a reverse proxy server.
sruthi@DESKTOP-S555UVQ:~$
```



This site can't be reached

localhost refused to connect.

Try:

- Checking the connection
- [Checking the proxy and the firewall](#)

ERR_CONNECTION_REFUSED

Reload

Details

STEP 5 : Kill the process

```

sruthi@DESKTOP-S5SS5UVQ:~$ sudo systemctl start nginx
sruthi@DESKTOP-S5SS5UVQ:~$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Mon 2024-11-04 05:33:55 UTC; 3s ago
     Docs: man:nginx(8)
   Process: 565 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 567 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Main PID: 568 (nginx)
    Tasks: 5 (limit: 5824)
   Memory: 5.2M ()
   CGroup: /system.slice/nginx.service
           └─568 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─569 "nginx: worker process"
               └─570 "nginx: worker process"
                 └─571 "nginx: worker process"
                   └─572 "nginx: worker process"

Nov 04 05:33:55 DESKTOP-S5SS5UVQ systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Nov 04 05:33:55 DESKTOP-S5SS5UVQ systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
sruthi@DESKTOP-S5SS5UVQ:~$ sudo killall nginx
sruthi@DESKTOP-S5SS5UVQ:~$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: inactive (dead) since Mon 2024-11-04 05:34:08 UTC; 4s ago
     Duration: 12.948s
     Docs: man:nginx(8)
   Process: 565 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 567 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 581 ExecStop=/sbin/start-stop-daemon --quiet --stop --retry QUIT/5 --pidfile /run/nginx.pid (code=exited, status=1/FAILURE)
   Main PID: 568 (code=exited, status=0/SUCCESS)

Nov 04 05:33:55 DESKTOP-S5SS5UVQ systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy server...
Nov 04 05:33:55 DESKTOP-S5SS5UVQ systemd[1]: Started nginx.service - A high performance web server and a reverse proxy server.
Nov 04 05:34:08 DESKTOP-S5SS5UVQ systemd[1]: nginx.service: Deactivated successfully.
sruthi@DESKTOP-S5SS5UVQ:~$

```