

# Ubuntu 18.04: Nginx

## Installation

### Immer neuste (stabile) Version über PPA

<https://launchpad.net/~nginx>

```
# add-apt-repository ppa:nginx/stable
# apt-get update
# aptitude install nginx
```

### Version aus der Distribution

```
# apt-get update
# aptitude install nginx
```

## Prüfung

```
# service nginx status
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor
   preset: enabled)
   Active: active (running) since Sat 2019-04-06 14:50:15 CEST; 9min ago
     Docs: man:nginx(8)
   Process: 8408 ExecStop=/sbin/start-stop-daemon --quiet --stop --retry
   QUIT/5 --pidfile /run/nginx.pid (code=exited, status=0/SUCCESS)
   Process: 8826 ExecStart=/usr/sbin/nginx -g daemon on; master_process on;
   (code=exited, status=0/SUCCESS)
   Process: 8820 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on;
   master_process on; (code=exited, status=0/SUCCESS)
   Main PID: 8828 (nginx)
     Tasks: 2 (limit: 2319)
   CGroup: /system.slice/nginx.service
           └─8828 nginx: master process /usr/sbin/nginx -g daemon on;
   master_process on;
             └─8830 nginx: worker process

Apr 06 14:50:15 xxx systemd[1]: Starting A high performance web server and a
   reverse proxy server...
Apr 06 14:50:15 xxx systemd[1]: nginx.service: Failed to parse PID from file
   /run/nginx.pid: Invalid argument
Apr 06 14:50:15 xxx systemd[1]: Started A high performance web server and a
   reverse proxy server.
```

```
# netstat -anptu
Aktive Internetverbindungen (Server und stehende Verbindungen)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
PID/Program name
tcp        0      0 0.0.0.0:80             0.0.0.0:*              LISTEN
8828/nginx: master
tcp6       0      0 :::80                 :::*                   LISTEN
8828/nginx: master
```

## Konfiguration

[nginx.conf](#)

```
[...]
server_tokens off;
[...]
```

## HTTPS mit Let's Encrypt

### Certbot installieren

Als root ausführen:

```
# apt-get update
# apt-get install software-properties-common
# add-apt-repository universe
# add-apt-repository ppa:certbot/certbot
# apt-get update
# apt-get install python3-certbot-nginx
```

### Cerbot: Zertifikate anfordern und Webserver anpassen

```
certbot --nginx --agree-tos --redirect --hsts --staple-ocsp --email
example@domain.de --domain example-website.de
```

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