

Nginx: [emerg] bind() to [::]:80 failed (98: Address already in use)

This fixed the problem that Nginx would not start or reload

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Ok, now this is weird. I am pretty sure nginx service was stopped. And I don't have apache or anything running on the server that could use port 80... Could it have been that nginx left some resource that kept port 80 busy while certbot reconfigured/restarted the server?

I killed everything running on port 80...

```
$ sudo fuser -k 80/tcp
80/tcp: 3488 3489 3490
```

after that nginx started normally...

The answer was provided by rgrz on February 2018 at the following source:

<https://community.letsencrypt.org/t/nginx-emerg-bind-to-80-failed-98-address-already-in-use/52914/2>

To Start Nginx

```
sudo systemctl start nginx
```

To Reload Nginx

```
sudo systemctl start nginx
```

To Check the Status of Nginx

```
sudo systemctl status nginx.service
```

To Check the Status of Nginx after changes are made to nginx block files (.conf files) and before a Reload of Nginx

```
sudo nginx -t
```

You should see something like this after running -

nginx: the configuration file /etc/nginx/nginx.conf syntax is ok

nginx: configuration file /etc/nginx/nginx.conf test is successful

From:
<https://installconfig.com/> - **Install Config Wiki**

Permanent link:
https://installconfig.com/doku.php?id=nginx_emerg_bind_80_failed_98_address_already_use&rev=1592415131

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