

Failed to start nginx.service: Unit not found

Asked 5 years, 9 months ago Modified 5 years, 5 months ago Viewed 74k times



I installed the latest version of nginx and configured some directories:

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```
./configure --sbin-path=/usr/bin/nginx --conf-path=/etc/nginx/nginx.conf --error-log-path=/var/log/nginx/error.log --http-log-path=/var/log/nginx/access.log --with-pcre --pid-path=/var/run/nginx.pid --with-http_ssl_module
```



It all works completely fine. After that I created a custom file:



```
nano /lib/systemd/system/nginx.service
```

The content of the file:

```
[Unit]
Description=The NGINX HTTP and reverse proxy server
After=syslog.target network.target remote-fs.target nss-lookup.target

[Service]
Type=forking
PIDFile=/var/run/nginx.pid
ExecStartPre=/usr/bin/nginx -t
ExecStart=/usr/bin/nginx
ExecReload=/usr/sbin/nginx -s reload
ExecStop=/bin/kill -s QUIT $MAINPID
PrivateTmp=true

[Install]
WantedBy=multi-user.target
```

But then when running "systemctl start nginx" I get the error "unit not found":

```
[root@504 nginx-1.17.0]# systemctl start nginx
Failed to start nginx.service: Unit not found.
[root@504 nginx-1.17.0]# nginx -V
nginx version: nginx/1.17.0
built by gcc 4.8.5 20150623 (Red Hat 4.8.5-36) (GCC)
built with OpenSSL 1.0.2k-fips 26 Jan 2017
TLS SNI support enabled
configure arguments: --sbin-path=/usr/bin/nginx --conf-path=/etc/nginx/nginx.conf --error-log-path=/var/log/nginx/error.log --http-log-path=/var/log/nginx/access.log --with-pcre --pid-path=/var/run/nginx.pid --with-http_ssl_module
[root@504 nginx-1.17.0]#
```

I can't understand why or what's the problem. Running "nginx -V" shows the directories are set.

Does anyone have a clue? Thanks in advance

nginx

systemctl

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asked Jun 10, 2019 at 14:23



sir-haver

3,612 ● 10 ● 57 ● 111

1 unix.stackexchange.com/questions/293875/failed-to-start-service – Chetan Jun 10, 2019 at 14:26

1 Thanks a lot Chetan, it seems that "systemctl daemon-reload" solves the problem. At first I thought that the other guy's question is too different. Thanks! – sir-haver Jun 10, 2019 at 14:31

1 Answer

Sorted by: Highest score (default)



Try the following and let's see what happens.

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```
sudo yum install epel-release
sudo yum install nginx
sudo systemctl -l enable nginx
sudo systemctl -l start nginx
```



It did not work for me initially because epel-release was not installed. But this is assuming you're using Fedora/ CentOS

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answered Oct 10, 2019 at 10:04



anabeto93

347 ● 3 ● 13

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