Documentatie fail2ban installeren in virtuele omgeving en deployment on bare-metal

Documentatie type	Link
Online markdown documentation	github.com
Online pdf documentation	github.com

Table of contents

Installatie fail2ban op ubuntu server

```
sudo apt install fail2ban -y
```

Configuratie fail2ban op ubuntu server

```
sudo cp jail.conf jail.local
```

Findtime

```
103 # A host is banned if it has generated "maxretry" during the last "findtime"
104 # seconds.
105 findtime  = 10m
```

Maxretry

```
107 # "maxretry" is the number of failures before a host get banned.
108 maxretry = 5
```

Bantime

```
100 # "bantime" is the number of seconds that a host is banned.
101 bantime  = 10m
```

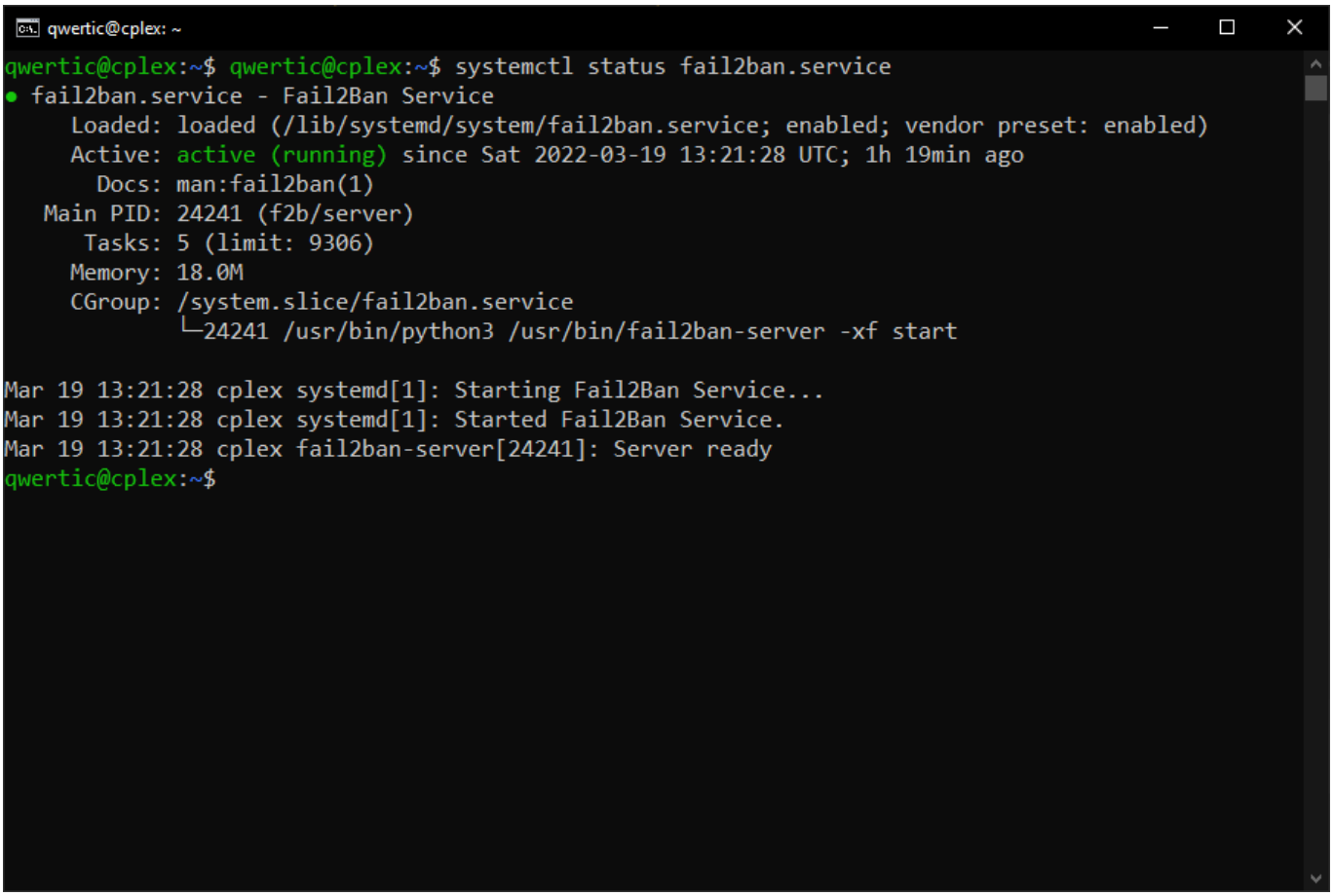
Configureer fail2ban opdracht

```
[DEFAULT]
bantime = 15m
findtime = 3m
maxretry = 6

[sshd]
port    = ssh
logpath = %(sshd_log)s
backend = %(sshd_backend)s
```

Aangezien de service al actief was moet deze herstart worden zodat de aanpassingen in de config file kunnen worden opgenomen.

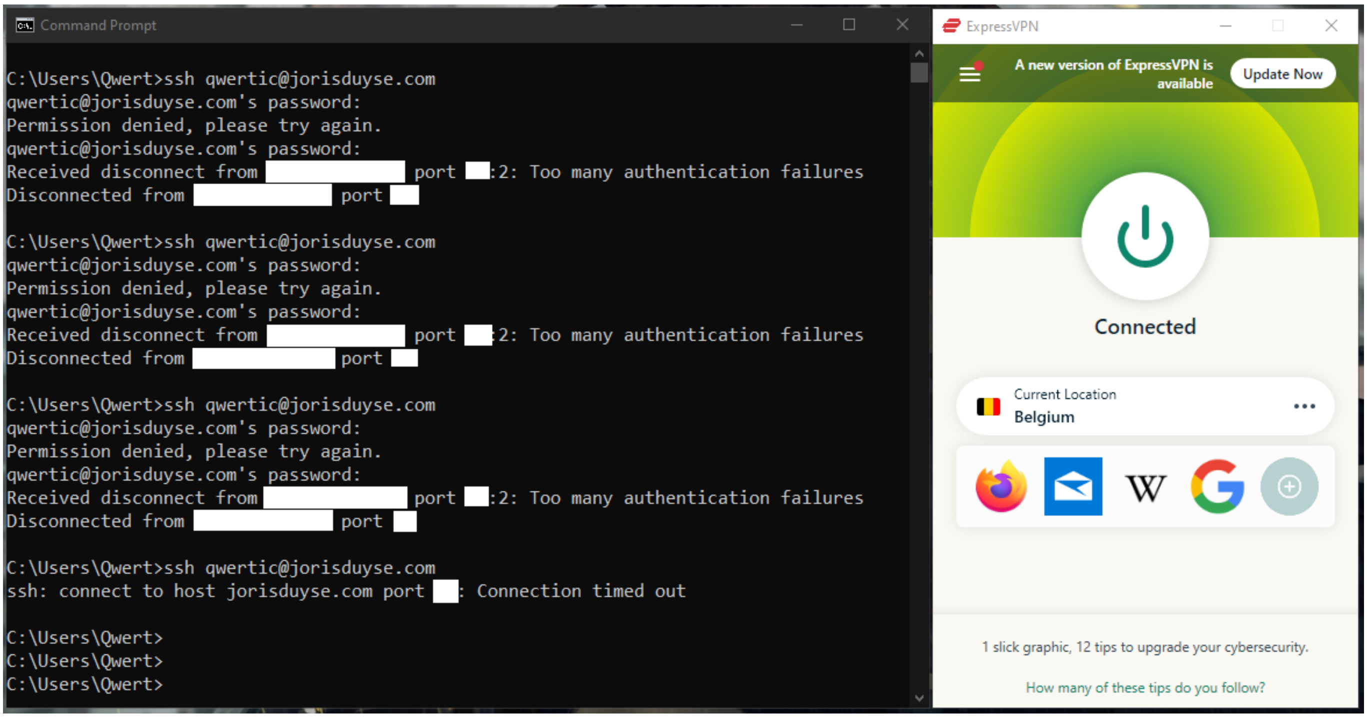
```
systemctl status fail2ban.service
```

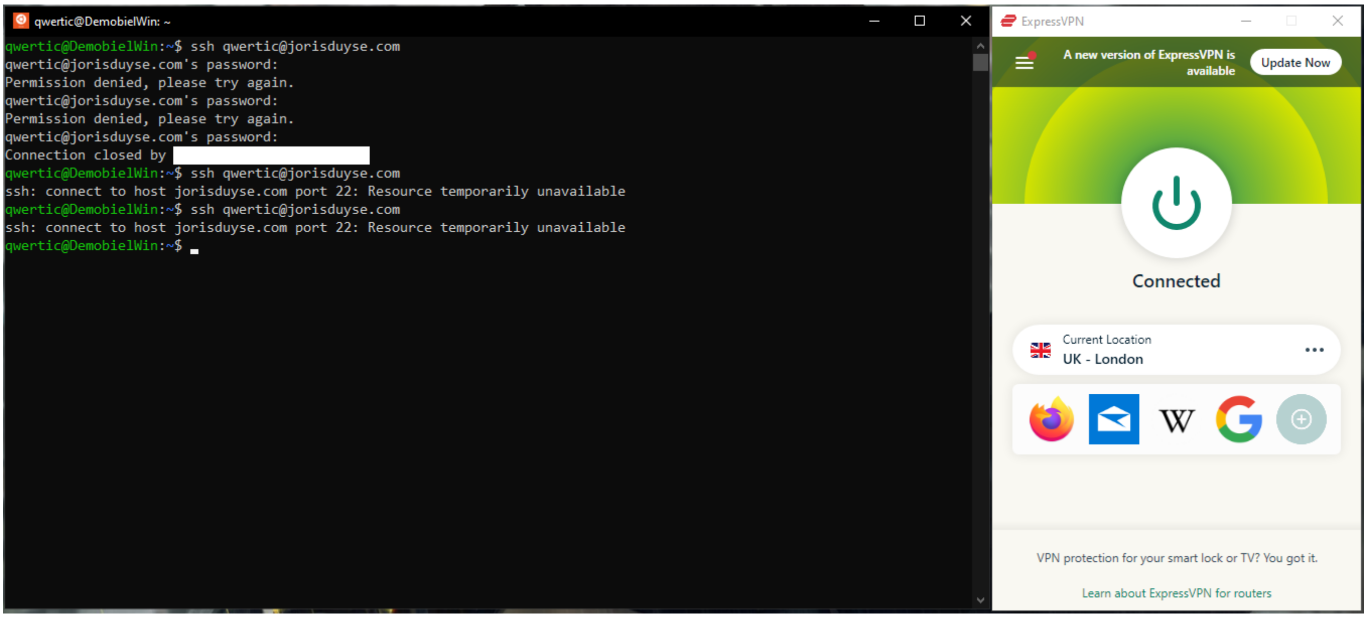



```
$ sudo systemctl reload fail2ban.service #ssh connection crashed; sign it works?
[sudo] password for qwertic:
client_loop: send disconnect: Connection reset
```

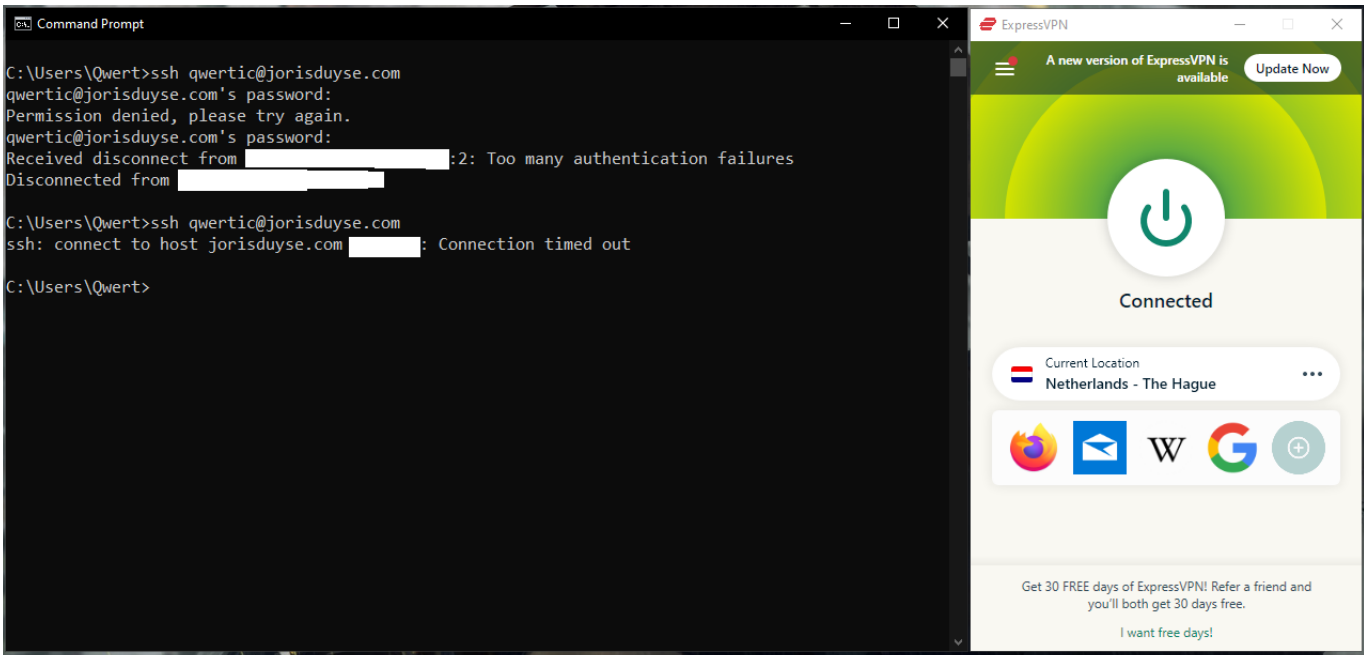
Testen van fail2ban service

Wanneer het ip wordt gemerkt toont ssh in **cmd** echter `Connection timed out` in plaats van `ssh: connect to host server.hostname.com port 2022: Connection refused`. In **Ubuntu 20.04 on Windows** komt de error `ssh: connect to host jorisduyse.com port 22: Resource temporarily unavailable`





"*Test wanner **maxretry** in jail.local op **6** staat*"



"*Test wanner **maxretry** in jail.local op **1** staat*"

Resultaten bans / jails

```
sudo iptables -n -L #list of banned ip adresses
```