

## Fail2ban pour Nextcloud sur Ubuntu22

Difficulté



Moyen

[https://docs.nextcloud.com/server/latest/admin\\_manual/installation/harden\\_server.html#setup-fail2ban](https://docs.nextcloud.com/server/latest/admin_manual/installation/harden_server.html#setup-fail2ban)

# HAProxy

- Régler pour obtenir les IPs de connexion tout en étant derrière le proxy: [HAProxy](#)

# Fail2ban

source: <https://linuxize.com/post/install-configure-fail2ban-on-debian-10/>

- fail2ban n'est pas installé d'origine sur un CT Ubuntu.

```
# apt-get install fail2ban
```

- installer whois pour des infos plus détaillées sur les IPs bloquées

```
# apt-get install whois
```

- copier le fichier de configuration d'origine qui ne doit pas être modifié

```
# cp /etc/fail2ban/jail.{conf,local}
```

- paramétrer dans cette copie

```
# nano /etc/fail2ban/jail.local
...
ignoreip = 127.0.0.1/8 IPs.reseau.lan.local/24 si besoin
...
bantime = 60m
...
findtime = 10m
...
maxretry = 5
...
destemail = admin@domain.tld
...
action = %(action_mw)s
...
# systemctl restart fail2ban
```

Activer les jails: activer toutes les jails apache et SSL. sshd, dropbear, apache-auth, apache-

badbots, apache-noscript, apache-overflows, apache-nohome, apache-botsearch, apache-fakegooglebot, apache-modsecurity, apache-shellshock.

```
# nano /etc/fail2ban/jail.local
----
[sshd]
...
enabled = true
----
```

## Pour Nextcloud

Malheureusement les jails de fail2ban ne suffisent pas car ce n'est pas Apache qui logge pas les tentatives d'identification mais Nextcloud!

### le filtre:

```
# nano /etc/fail2ban/filter.d/nextcloud.conf

[Definition]
_groupsre = (?:(?:,?\s*"w+":(?:"[^"]+"|\w+))*
failregex =
^\{%( _groupsre)s,?\s*"remoteAddr": "<HOST>"%( _groupsre)s,?\s*"message": "Login
failed:
^\{%( _groupsre)s,?\s*"remoteAddr": "<HOST>"%( _groupsre)s,?\s*"message": "Trust
ed domain error.
datepattern = ,?\s*"time"\s*:\s*"%%Y-%%m-%%d[T ]%%H:%%M:%%S(%%z)?"
```

### la jail:

```
# nano /etc/fail2ban/jail.d/nextcloud.local
[nextcloud]
backend = auto
enabled = true
port = 80,443
protocol = tcp
filter = nextcloud
logpath = /var/www/nextcloud-data/nextcloud.log
```

- # systemctl restart fail2ban

## l'action:

```
# nano /etc/fail2ban/action.d/opnsense.conf
# Fail2Ban configuration file
# from triumvirat.org

[Definition]

actionban = /root/fail2ban-IP.sh ban <ip>
actionunban = /root/fail2ban-IP.sh unban <ip>
```

## Général

Placer la nouvelle action dans /etc/fail2ban/jail.local

```
...
banaction = opnsense
...
```

```
# systemctl restart fail2ban
# systemctl status fail2ban
```

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