

# Mod\_Security????????????Next cloud????????

Nextcloud?mod\_security??Mod\_security????????????????????????????????

???

- 1. ???????????
- 2. ????????
- 3. ?????????????

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/var/log/nextcloud\_error.log ????????????????

```
[Wed Sep 11 16:35:02.048442 2024] [security2:error] [pid 32762:tid 32762] [client aaa.bbb.ccc.ddd:56994]
[client aaa.bbb.ccc.ddd] ModSecurity: Warning. Operator GE matched 5 at TX:inbound_anomaly_score. [file
"/usr/share/modsecurity-crs/rules/RESPONSE-980-CORRELATION.conf"] [line "92"] [id "980130"] [msg "Inbound
Anomaly Score Exceeded (Total Inbound Score: 5 -
SQLI=0,XSS=0,RFI=0,LFI=0,RCE=0,PHPI=0,HTTP=0,SESS=0): individual paranoia level scores: 5, 0, 0, 0"] [ver
"OWASP_CRS/3.3.5"] [tag "event-correlation"] [hostname "nextcloud.hoge.com"] [uri
"/ocs/v2.php/apps/user_status/api/v1/heartbeat"] [unique_id "ZuFIJU_udFaqxqrJvRLaPQAAAAA"]
```

???????

- ??????IP???
- ??????ID?
- ????????

???

???????????

?????????copilot???????awk????????????

```
awk 'ModSecurity/ {
ip = gsub(/.*[client ([0-9.]+):.*/,"\1","g",$0);
rule_id = gsub(/.*[id "([0-9]+)"].*/,"\1","g",$0);
print rule_id, ip;
```

```
} ' /var/log/nextcloud/nextcloud_error.log | sort | uniq -c
```

?????????Mod\_Security????????????????

```
36 911100 127.0.0.1
267 911100 aaa.bbb.ccc.ddd
65 920420 aaa.bbb.ccc.ddd
36 949110 127.0.0.1
267 949110 aaa.bbb.ccc.ddd
36 980130 127.0.0.1
267 980130 aaa.bbb.ccc.ddd
```

????????????127.0.0.1?????????aaa.bbb.ccc.ddd????????????IP?????????????????Nextcloud????????????????

Mod\_security????????ID????????????????????

# Mod\_Security????????????????

Apache????????????????????

?????????

- ?????????

```
sudo cp -ci /etc/apache2/sites-available/nextcloud.conf /path/to/backup/directory/nextcloud.conf.$(date +%Y%m%d)
```

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- ???????

```
diff -u /path/to/backup/directory/nextcloud.conf.$(date +%Y%m%d) /etc/apache2/sites-available/nextcloud.conf
```

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- ??????

```
/etc/apache2/sites-available/nextcloud.conf ??????????????????(?root??)
```

```
# Mod_security
## [REDACTED]

SecRuleEngine DetectionOnly

## [REDACTED]ID
```

```
SecRuleRemoveById 911100
SecRuleRemoveById 920420
SecRuleRemoveById 949110
SecRuleRemoveById 980130
```

- ???????

```
diff -u /path/to/backup/directory/nextcloud.conf.$(date +%Y%m%d) /etc/apache2/sites-available/nextcloud.conf
```

```
SecRuleRemoveById ID ??????????????????????
```

- ???

```
## [REDACTED]
```

```
SecRuleEngine DetectionOnly
```

```
+
```

```
+## [REDACTED]ID
```

```
+SecRuleRemoveById 911100
```

```
+SecRuleRemoveById 920420
```

```
+SecRuleRemoveById 949110
```

```
+SecRuleRemoveById 980130
```

```
+
```

```
</VirtualHost>
```

????????????

- ???

```
sudo apache2ctl configtest
```

```
Syntax OK ??????
```

- ???

```
sudo systemctl restart apache2.service
```

- Apache???

```
systemctl status apache2.service
```

```
active(running) ??????
```

???

?????

```
tail -f /var/log/nextcloud/nextcloud_error.log
```

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- ??????Nextcloud????????????????
- ?????ID????????????????

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