
Subject: BUG? OVZ 7 + CentOS 8 + iptables v1.8.4 (nf_tables)

Posted by [andre](#) on Thu, 09 Jul 2020 01:19:56 GMT

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It looks like as iptables is multiplying its rules at OVZ7+CentOS8

Steps bellow:

First, we confirm that there are no references to chain TEST

```
# iptables-save | grep -c TEST
```

```
# Warning: iptables-legacy tables present, use iptables-legacy-save to see them
```

```
0
```

Next, we create a chain TEST, a basic rule and at the end we count the number of references to it

```
# iptables -N TEST ; iptables -A TEST -j ACCEPT ; iptables-save | grep -c TEST
```

```
# Warning: iptables-legacy tables present, use iptables-legacy-save to see them
```

```
31
```

31 referentes. Shouldn't there be just 2? (chain creation + rule?)

Let's check which references are those:

```
# iptables-save
```

```
# Generated by iptables-save v1.8.4 on Wed Jul  8 22:11:17 2020
```

```
*filter
```

```
:INPUT ACCEPT [3859:241253]
```

```
:FORWARD ACCEPT [0:0]
```

```
:OUTPUT ACCEPT [830:110277]
```

```
:TEST - [0:0]
```

```
-A TEST -j ACCEPT
```

```
-A TEST -j ACCEPT
```

```
-A TEST -j ACCEPT
```

```
-A TEST -j ACCEPT
```

```
COMMIT
```

```
# Completed on Wed Jul  8 22:11:17 2020
```

```
# Generated by iptables-save v1.8.4 on Wed Jul  8 22:11:17 2020
```

```
*raw
```

```
:PREROUTING ACCEPT [117105:12625485]
```

```
:OUTPUT ACCEPT [120335:94805945]
```

```
-A TEST -j ACCEPT
```

```
-A TEST -j ACCEPT
```

```
COMMIT
```

```
# Completed on Wed Jul  8 22:11:17 2020
```

Generated by iptables-save v1.8.4 on Wed Jul 8 22:11:17 2020

*mangle

:PREROUTING ACCEPT [117100:12624568]

:INPUT ACCEPT [117100:12624568]

:FORWARD ACCEPT [0:0]

:OUTPUT ACCEPT [120331:94804518]

:POSTROUTING ACCEPT [120331:94804518]

-A TEST -j ACCEPT

-A TEST -j ACCEPT

-A TEST -j ACCEPT

-A TEST -j ACCEPT

-A TEST -j ACCEPT

COMMIT

Completed on Wed Jul 8 22:11:17 2020

Generated by iptables-save v1.8.4 on Wed Jul 8 22:11:17 2020

*nat

:PREROUTING ACCEPT [0:0]

:INPUT ACCEPT [0:0]

:POSTROUTING ACCEPT [0:0]

:OUTPUT ACCEPT [0:0]

-A TEST -j ACCEPT

-A TEST -j ACCEPT

-A TEST -j ACCEPT

-A TEST -j ACCEPT

COMMIT

Completed on Wed Jul 8 22:11:17 2020

Warning: iptables-legacy tables present, use iptables-legacy-save to see them