

IPTables error "iptables: No chain/target/match by that name"

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```
iptables -t nat -A PREROUTING -p tcp --destination-port 80 -j REDIRECT --to-port 8080
```

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When I try to run this command, I run into the error:



```
iptables: No chain/target/match by that name
```

My iptables version is v1.4.14.

Running debain on linux kernel 3.8.11.

iptables -L outputs:

```
Chain INPUT (policy DROP)
target     prot opt source                destination           ctstate
ACCEPT     all  --  anywhere              anywhere              ctstate
RELATED,ESTABLISHED
ACCEPT     all  --  anywhere              anywhere
ACCEPT     icmp --  anywhere              anywhere
ACCEPT     udp  --  anywhere              224.0.0.251          udp dpt:mdns
NFQUEUE    udp  --  anywhere              anywhere              NFQUEUE num 10000

Chain FORWARD (policy DROP)
target     prot opt source                destination

Chain OUTPUT (policy DROP)
target     prot opt source                destination           ctstate
NFQUEUE    udp  --  anywhere              239.255.255.250      udp dpt:1900 NFQUEUE
num 10001
ACCEPT     all  --  anywhere              anywhere              ctstate
NEW,RELATED,ESTABLISHED
ACCEPT     all  --  anywhere              anywhere
```

iptables -t nat -L output:

```
Chain PREROUTING (policy ACCEPT)
target     prot opt source                destination

Chain INPUT (policy ACCEPT)
target     prot opt source                destination

Chain OUTPUT (policy ACCEPT)
target     prot opt source                destination

Chain POSTROUTING (policy ACCEPT)
target     prot opt source                destination
```

I have no clue what the problem is,
and I looked and nobody else has had
this error with this setup.

[edited Jun 19 '14 at 17:28](#)

asked Jun 17 '14 at 22:29

[user3642145](#)

70 2 4 9

What is the output of `iptables -t nat -L ?` – [Ketola](#) Jun 19 '14 at 6:53

Changed the OP to add that output. – [user3642145](#) Jun 19 '14 at 17:28

1 Answer



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The error means that you are missing the iptables REDIRECT module in the kernel.



Perhaps you compiled the kernel yourself? Then you need to enable/set the option

```
CONFIG_IP_NF_TARGET_REDIRECT=m
```

in your kernel config and then

```
make modules
make modules_install
depmod -ae
```

answered Aug 11 '14 at 20:06

[thelogix](#)

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