

# iptables

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```
iptables -L -n -v
iptables -L -n -v --line-numbers
iptables -L INPUT -n -v --line-numbers
```

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```
service iptables stop
service iptables start

iptables -F
iptables -X
iptables -t nat -F
iptables -t nat -X
iptables -t mangle -F
iptables -t mangle -X
iptables -P INPUT ACCEPT
iptables -P OUTPUT ACCEPT
iptables -P FORWARD ACCEPT
```

- -F : Deleting (flushing) all the rules.
- -X : Delete chain.
- -t table\_name : Select table (called nat or mangle) and delete/flush rules.
- -P : Set the default policy (such as DROP, REJECT, or ACCEPT).

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```
# [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
iptables -L INPUT -n --line-numbers
iptables -L OUTPUT -n --line-numbers
iptables -L OUTPUT -n --line-numbers | less
iptables -L OUTPUT -n --line-numbers | grep 202.54.1.1
```

```
# [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
```

```
iptables -D INPUT 4
```

```
# [ ] [ ] [ ] [ ] IP [ ] [ ]
```

```
iptables -D INPUT -s 202.54.1.1 -j DROP
```

```
# [ ] [ ] [ ] Chain [ ] [ ] [ ] [ ] [ ] [ ]
```

```
iptables -F <chain-name>
```

```
# [ ] [ ] [ ] Chain
```

```
iptables -X <chain-name>
```

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```
# [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
```

```
iptables -L INPUT -n --line-numbers
```

```
# [ ] [ ] 1-2 [ ] [ ] [ ] [ ] [ ] [ ]
```

```
iptables -I INPUT 2 -s 202.54.1.2 -j DROP
```

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```
# For RedHat/CentOS/Fedora Linux
```

```
service iptables save
```

```
# For other Linux distro.
```

```
iptables-save > /root/my.active.firewall.rules
```

```
cat /root/my.active.firewall.rules
```

??/????

```
# For other Linux distro.
```

```
iptables-restore < /root/my.active.firewall.rules
```

```
# For RedHat/CentOS/Fedora Linux
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```
service iptables restart
```

# Learning

- [Github] [API for local iptables management](#)

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