

firewalld (RHEL/Fedora)

Command	Purpose
<code>firewall-cmd --state</code>	Firewall status
<code>firewall-cmd --get-active-zones</code>	Active zones
<code>firewall-cmd --list-all</code>	List zone configuration
<code>firewall-cmd --list-services</code>	Allowed services
<code>firewall-cmd --list-ports</code>	Open ports
<code>firewall-cmd --add-service=http --permanent</code>	Allow service
<code>firewall-cmd --remove-service=http --permanent</code>	Remove service
<code>firewall-cmd --add-port=80/tcp --permanent</code>	Open port
<code>firewall-cmd --remove-port=80/tcp --permanent</code>	Close port
<code>firewall-cmd --reload</code>	Reload rules

UFW (Ubuntu)

Command	Purpose
<code>ufw enable</code>	Enable firewall
<code>ufw disable</code>	Disable firewall
<code>ufw status</code>	Show status
<code>ufw status verbose</code>	Detailed status
<code>ufw allow ssh</code>	Allow SSH
<code>ufw allow 80/tcp</code>	Allow port
<code>ufw deny 23</code>	Deny port
<code>ufw delete allow 80/tcp</code>	Remove rule
<code>ufw reload</code>	Reload rules
<code>ufw reset</code>	Reset firewall

nftables (Modern)

Command	Purpose
<code>nft list ruleset</code>	Show all rules
<code>nft flush ruleset</code>	Remove all rules
<code>nft add table inet filter</code>	Create table
<code>nft add chain ...</code>	Create chain
<code>nft delete rule ...</code>	Delete rule
<code>nft delete table ...</code>	Delete table

IP Forwarding

Command	Purpose
<code>sysctl net.ipv4.ip_forward</code>	Check status
<code>sysctl -w net.ipv4.ip_forward=1</code>	Enable temporarily

iptables (Legacy)

Command	Purpose
<code>iptables -L</code>	List rules
<code>iptables -L -n -v</code>	Detailed rules
<code>iptables -F</code>	Flush rules
<code>iptables -A INPUT ...</code>	Append rule
<code>iptables -D</code>	Delete rule
<code>iptables -I</code>	Insert rule
<code>iptables -P INPUT DROP</code>	Set default policy
<code>iptables-save</code>	Save rules
<code>iptables-restore</code>	Restore rules

ipset

Command

```
ipset create
ipset add
ipset del
ipset list
ipset destroy
```

NAT

Command	Purpose
<code>iptables -t nat -L</code>	View NAT table
<code>nft list table nat</code>	View nftables NAT rules



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