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## ANSWERS TO EVEN-NUMBERED EXERCISES

2. How would you list all current iptables rules?

The following command lists all iptables rules:

```
# iptables -L --line-numbers
```

4. Define an iptables rule that will reject incoming connections on the TELNET port.

The following command rejects incoming connections on the TELNET port:

```
# iptables --append FORWARD --sport telnet --jump REJECT
```

6. What does the conntrack module do?

The **conntrack** module implements the connection tracking machine, which provides information on the state of a packet, allowing you to define rules that match criteria based on the state of the connection the packet is part of.

8. What do packet match criteria do? What are they used for?

Packet match criteria identify network packets and implement rules that take action on packets that match the criteria.

10. Write a rule that will silently block incoming SMTP connections from 10.10.0.10.

The following command blocks incoming SMTP connections from spmr.com:

```
# iptables --append FORWARD -p tcp --dport smtp --source 10.10.0.10 --jump DROP
```