

25

ANSWERS TO EVEN-NUMBERED EXERCISES

2. How would you list all current iptables rules?

The following command lists all iptables rules:

```
# /sbin/iptables -L
```

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 gives you 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. Define a rule that will silently block incoming SMTP connections from **spmr.com**.

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

```
# iptables --append FORWARD --dport smtp --source spmr.com --jump DROP
```