
CHAPTER 30

Private Networks, VPNs, and NAT

30.1 MULTIPLE-CHOICE QUESTIONS

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|-------|-------|------|------|------|
| 1. c | 3. a | 5. b | 7. a | 9. d |
| 11. b | 13. c | | | |

30.2 EXERCISES

15. L2F (Layer 2 Forwarding) protocol was developed by Cisco Systems. It creates tunneling at the data link layer (layer 2). It does not include any encryption or authentication standard.
17. MPLS (Multi Protocol Label Switching) is a protocol to create quality of service in VPN technology by prioritizing packets.
19. A security association (SA) is an agreement between multiple entities regarding the security services that are to be used. Before an entity can communicate with a VPN using IPSec, a set of SAs must be established.
21. One of the strategies is timeout. The system uses a timer for each entry in the table.
23. A utility called dnsmasq provides DNS service to a network connected to the Internet by a NAT router.

