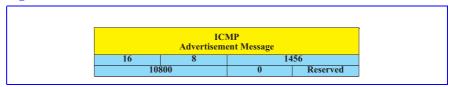
CHAPTER 10

Mobile IP

Exercises

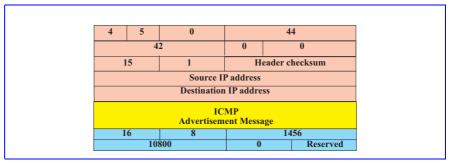
- **1.** If a mobile host acts as a foreign agent, registration is still required. The mobile host/foreign agent still needs to identify itself to the home agent.
- **3.** See Figure 10.E3.

Figure 10.E3 Solution to Exercise 3



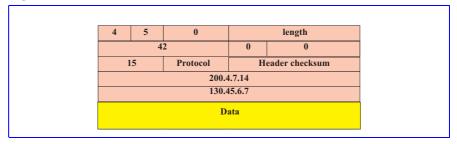
- **5.** An ICMP router solicitation message can also be used for agent solicitation by a mobile host. No extra fields are needed.
- 7. See Figure 10.E7. The protocol field is set to 1 to indicate ICMP.

Figure 10.E7 *Solution to Exercise 7*



9. See Figure 10.E9.

Figure 10.E9 *Solution to Exercise 9*



11. See Figure 10.E11.

Figure 10.E11 Solution to Exercise 11

4 5	0		length
207		0	0
15 Protocol		Header checksum	
14.67.34.30			
14.56.8.9			
4 5	0		length
42		0	0
15	protocol	Н	eader checksum
200.4.7.14			
130.45.6.7			
Data			

13. Triangle routing is a case of inefficiency. The packet travels to an extra network before it reaches the destination.