

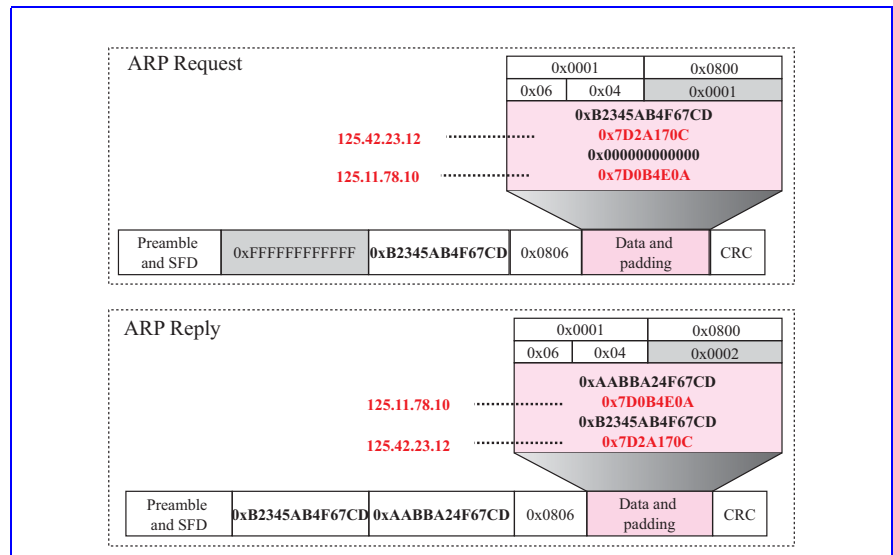
CHAPTER 8

Address Resolution Protocol (ARP)

Exercises

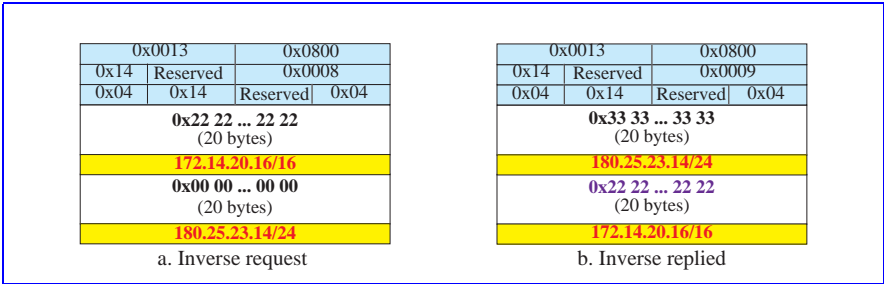
1. The size of an ARP packet is variable, depending on the length of addresses.
3. An ARP packet is normally less than minimum Ethernet payload. The size of an Ethernet frame carrying an ARP packet is therefore **72** bytes.
5. See Figure 8.E5. Note that although the problem mentions the physical address of the destination, it is assumed that ARP will find this address. The problem gives the destination physical address to be filled in the ARP reply packet.

Figure 8.E5 Solution to Exercise 5



7. See Figure 8.E7

Figure 8.E7 Solution to Exercise 7



9. See Figure 8.E9.

Figure 8.E9 Solution to Exercise 9

