
CHAPTER 7

ARP and RARP

Exercises

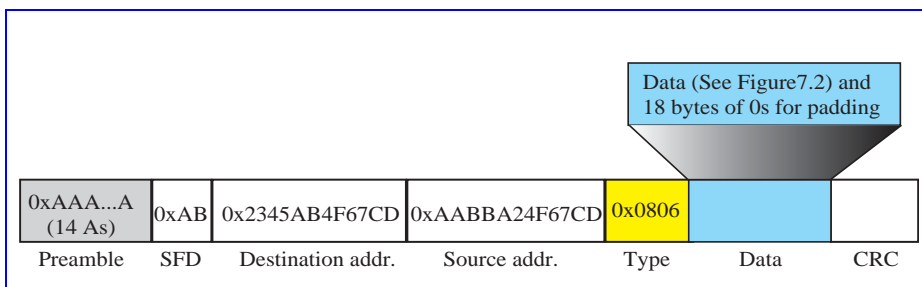
- 1. The size of an ARP packet is variable, depending on the length of the logical and physical addresses used.
- 3. 28 bytes.
- 5. 72 bytes (with required padding). This includes 8 bytes of preamble and SFD.
- 7. 0xFFFFFFFFFFFF
- 9. See Figure 7.1.

Figure 7.1 *Exercise 9*

| | | |
|--------------|---|--------|
| 1 | | 0x0800 |
| 6 | 4 | 2 |
| 0x2345AB4F | | |
| 0x67CD | | 125.45 |
| 23.12 | | 0xAABB |
| 0xA24F67CD | | |
| 125.11.78.10 | | |

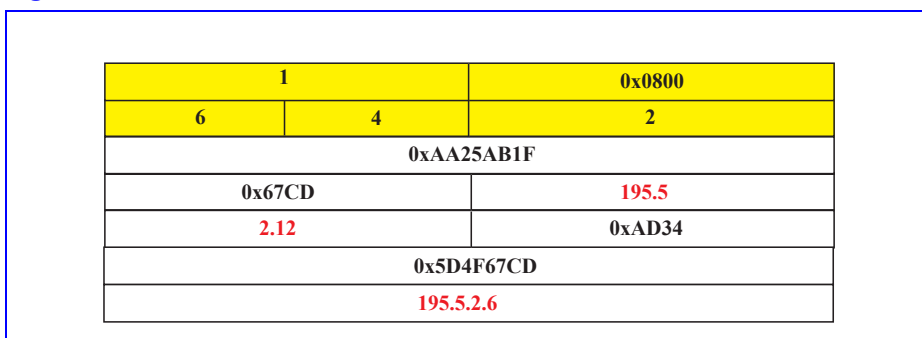
11. See Figure 7.2.

Figure 7.2 Exercise 11



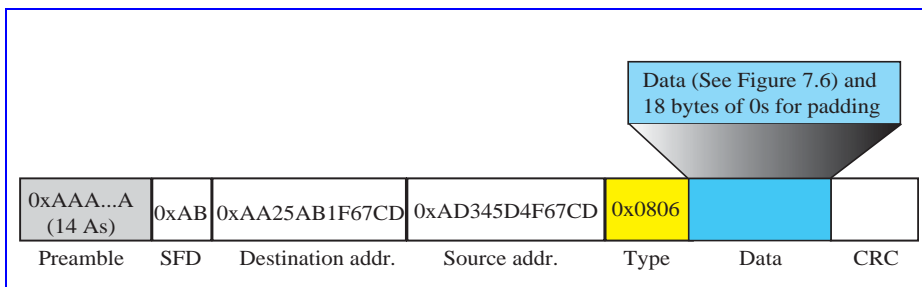
13. See Figure 7.3.

Figure 7.3 Exercise 13



15. See Figure 7.4.

Figure 7.4 Exercise 15



17. See Figure 7.5.

Figure 7.5 Exercise 17

| | | |
|-------------|---|--------|
| 1 | | 0x0800 |
| 6 | 4 | 4 |
| 0x9845234F | | |
| 0x67CD | | 200.67 |
| 89.33 | | 0xAAA3 |
| 0x1D4F67CD | | |
| 200.67.89.7 | | |

19. See Figure 7.6

Figure 7.6 Exercise 19

