Chapters covered from Stevens TCP/IP Illustrated, volume 1.

1. All — note CIDR (10.8) updates 1.4, and that A/B/C, while useful terminology, are fundamentally historical terms.

2. Not 2.3.

3. 3.8/9 — not the details of the commands. 3.10 – see updating notes.

4. Very sketchily; only that RARP exists.


6. 7.3 and 7.4 are basically obsolete, given the size of the internet, and firewalls.

7. 8.5 is basically obsolete, given the size of the internet, and firewalls.

8. Noting that OSPF is now the IGP of choice.


10. Noting that BOOTP is now DHCP.

11. Simultaneous Open and Close are very rare, but are handled correctly.

12. The PUSH flag is essentially obsolete. The details of slow start have changed over the years.

13. “Keepalive timers are a religious issue” — anyone who advocates them should be burned at the stake, in my view.

14. 24.7 is a nice idea, but never happened, so isn’t covered.

15. Not covered at all.
26. Not all the gory telnet details — kludge line mode etc., and negotiation only in concept.

27.

28.

29. NFS – not the details of every command, just the fact that they “look like” Unix semantics.

30. Not covered.

Volume 3 chapter 13 sketchily. Note that web hosting companies need HTTP 1.0 or later, since otherwise they don’t know who the request is for, since all they have is their IP address, which is common to all the names they host.

Note also the conclusions at the end of the updating notes, especially about layering, and the appendix about Network Address Translation, which is now pervasive in the Internet.