Assignment 5

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Problem 1.

a. b.

c. Consider sending an IP datagram from Host E to Host B. Suppose all of the ARP tables are up to date. Enumerate all the steps, as done for the single-router example in class (see slide Addressing: routing to another LAN in Chapter 6 - part 2). In your answer, you need to include source and destination MAC and IP addresses for each step.

d. Repeat (c), now assuming that the ARP table in the sending host is empty (and the other tables are up to date).