I226 Computer Networks

Chapter 8 Name Service and Internetworking

(Review Questions)

Each chapter includes a few questions that are designed to help you to revise your first-level understanding of the slide material presented in the lecture.

1. What is the dynamic routing? Discuss by contrast with the opposite routing scheme.
2. What are the routing algorithms for? Give some examples.
3. Discuss the concept of hierarchical routing using the term IGP, EGP, and AS.
4. Illustrate RIP and OSPF with their principles and features.
5. What is the "Count to Infinity problem" of distance vector algorithms? Give some solutions for this problem.
6. What is the static route and default route? Give some examples.
7. Discuss the function of ICMP.
8. What is the role of DNS? Illustrate with some examples.
9. What is the directory service? Give some examples.