

CMSC 711 - HOMEWORK 2

Name:

February 6, 2007

Routing Questions

1. Why is “infinity” finite in distance vector routing?
2. What problem does split horizon solve?
3. What might be in a routing table that is not necessarily in a forwarding table?
4. BGP uses path vector routing. Why do route advertisements include a path? Why is a RIP-style metric not sufficient or appropriate?
5. What problem do OSPF areas solve?

