



CCNA Exploration
Routing Protocols and Concepts
10 – Link State Routing Protocols: Study Guide

Student Name: _____

As an analogy, which type of approach does a link state protocol use for a view of a network?	
Which algorithm does a link state protocol use?	
What arbitrary value does each path use?	
What type of packets do link state protocols exchange with other routers?	
List some of the information included in a Link-State.	
Define neighbour.	
What happens when two routers learn that they are neighbours?	
What is the fourth step in the Link-State Routing Process?	
Before it can participate in the link-state routing process, an interface must be included in what command?	
When are LSPs sent?	
Once SPF has determined the shortest path information, where does this get added to?	
List some advantages of link state protocols as compared to distance vector.	
Name a disadvantage of flooding of link state packets.	
What are the two link state routing protocols used in IP?	
What will be identical on each router?	
What happens when a router receives a new LSP?	