CCNP BSCI(642-901) Quick Learning

The following Quick Learning Modules are focused on a specific lesson or topic from the current BSCI curriculum. This content is only accessible by Registered Users. If you have not yet registered, you will be prompted to register, before proceeding to access this content. **Introducing the OSPF Protocol**] Upon completing this lesson, you should be able to: · Describe Link State Protocol · Describe OSPF Hierarchy Structure · Describe Link State Adjacency · Describe Shortest Path First Calculations · Explain how OSPF verifies that links are still active Watch Now **Introducing EIGRP**] Upon completing this lesson, you should be able to: · Explain the Features and Benefits of EIGRP · Describe the Four EIGRP Key Technologies · Describe the Three Tables EIGRP uses for Path Selection · Explain the EIGRP Metric Calculation Watch Now **Configuring OSPF Special Area Types**] Upon completing this lesson, you should be able to: · Describe the different Types of Areas and how to use them · Configure Stub Area · Explain how to use a Totally Stubby Area · Configure a Totally Stubby Area · Describe the different types of Routing Tables · Explain and Configure Not-So-Stubby-Areas Watch Now **Link State Advertisements**] Upon completing this lesson, you should be able to: · Describe the common LSA types and how they form the layout for the Link State Data Base · Describe the OSPF Virtual Links and Router Types · Describe the OSPF LSDB Overload Protection Feature Watch Now **Using IPv6 with OSPF and Other Routing Protocols**] Upon completing this lesson, you should be able to do the following: · Describe the different IPv6 Routing Protocols · Describe the new IS-IS Extensions for IPv6 · Configure OSPF v3 for IPv6 · Describe the different Show Commands for IPv6 OSPF Watch Now **Explaining Multicast**] Upon completing this lesson, you should be able to do the following: · Describe Why Multicast is used and the difference between Unicast vs. Multicast · Describe the Advantages and Disadvantages for using Multicast · Describe the different Types of Multicast Applications · Describe the IP Multicast Addressing Watch Now **Introducing IPv6**] Upon completing this lesson, you should be able to do the following: · Explain why we need IPv6 · Describe the IPv6 Advanced Features · Define the IPv6 Addressing · Explain Implementing Dynamic IPv6 Addressing Watch Now