

## Skill Test

- What are the advantages of dynamic routing over static routing?
- Define routing & routed protocols?
- Differentiate Dynamic Routing protocols types?
- Define Class-full & Classless protocols with example?
- List some of the features of RIP protocol?
- Explain RIP timers?
- Differentiate the RIP versions?
- Write syntax to configure RIPv2.
- List the advantages and disadvantages with RIP routing protocol?
- What is Administrative distance? Write down the default AD values of EIGRP, RIP, and OSPF?
- Explain EIGRP tables? (Neighbor, topology, routing table)
- What is the default convergence time in EIGRP?
- Define Successor & Feasible Successor?
- What are the parameters used by EIGRP in metric calculation & write down the default values?
- Why do we need to change Bandwidth in real production networks?
- What are k-values in EIGRP, write down the default k –values?
- Write down the EIGRP metric formula with default K-values?
- Write down the formula used in EIGRP for overall Bandwidth and delay in the metric calculation?
- Write syntax to configure EIGRP.
- List out some of the features of OSPF protocol?

- List & explain the seven stages of OSPF process?
- What is Router-id in OSPF?
- Explain OSPF tables? (Neighbor, Database, routing table)
- What is the major difference between OSPF database & EIGRP topology table?
- What is the default convergence time in OSPF?
- What are the issues we can get in to with OSPF routing protocols in large networks?
- What is OSPF area? Why there is a need for areas in OSPF?
- Write syntax to configure OSPF.