

CCNA Exploration: Routing Protocols and Concepts

During the Cisco Networking Academy® course, administered by the undersigned instructor, the student was able to proficiently:

- Describe the purpose, nature and operations of a router and routing tables
- Describe, configure and certify router interfaces
- Explain the purpose and procedure for configuring static routes
- Identify the characteristics of distance vector routing protocols
- Describe the network discovery process of distance vector routing protocols using Routing Information Protocol (RIP)
- Describe the functions, characteristics, and operations of the RIPv1 protocol
- Compare and contrast classful and classless IP addressing
- Describe classful and classless routing behaviors in routed networks
- Design and implement a classless IP addressing scheme for a given network
- Demonstrate comprehensive RIPv1 configuration skills
- Describe the main features and operations of the Enhanced Interior Gateway Routing Protocol (EIGRP)
- Describe the basic features and concepts of link-state routing protocols
- Describe the purpose, nature and operations of the Open Shortest Path First (OSPF) protocol

Rafał Doniec

Student

Politechnika Śląska w Gliwicach

Academy Name

Poland

Location

Rafał Blauciak

Instructor

2013-07-02

Date

INSTRUKTOR CISCO

R. Blauciak

Instructor Signature

inż. Rafał Blauciak