

NET15009 Cisco Networking Part 2 (ICND2 Equivalent)

The course focuses on theoretical principles and practical implementation of Data Networking with Cisco Routers and Switches, and follows on from Cisco Networking Part 1.

Prerequisites:

It is assumed that delegates have some basic knowledge of Cisco IOS and data networking principles. This course forms the second part of two courses designed to provide the skills and knowledge at a level equivalent to Cisco CCNA.

Aim:

To provide delegates with a basic, practical and theoretical understanding of Cisco Internetworking Devices, Configuration and Troubleshooting to a level similar to that of Cisco ICND2 and CCNA. Delegates who absorb the knowledge and assimilate the skills should have a reasonable chance of passing the Vendor exams needed to achieve certification.

Objectives:

By the end of the course delegates will:

- Have an Understanding of Spanning Tree Protocol
- Configure Spanning Tree Features and Options
- Understand Local Area Networks and Troubleshoot LAN Problems
- Understand and Troubleshoot Layer 3 Problems
- Understand and Configure Redundant Routers
- Have an Understanding of VPNs
- Configure GRE Tunnels
- Configure and Troubleshoot OSPFv2 Routing Protocol
- Understand the Operation of EIGRP
- Configure EIGRP for IPv4
- Troubleshoot Routing Protocols
- Configure Point-to-Point WAN Configurations
- Understand Frame Relay Network Operation
- Configure Frame Relay
- Understand Routing with IPv6
- Configure and Verify OSPFv3
- Configure and Verify EIGRP for IPv6
- Understand Network Management Basics
- Understand Router and Switch File Management
- Understand IOS Licensing