ICND (Part 2)

This course combined with ICND (Part 1) provides the information needed for CCNA certification, including comprehensive hands-on reinforcement to provide real world skills.

Experts in Networking

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ICND (Part 2) is designed for delegates with a firm background in data networking, that have hands-on experience with Cisco routers and switches and are looking to increase their knowledge of installing, maintaining, and troubleshooting medium-sized switched and routed networks.

- **Live equipment used in practicals**
- **12 months post course support**
- **All exam Topics covered**
- **All delegates have their own switch and router**

Course Pre-Requisites

Delegates are required to meet the following prerequisites:

- ICND (Part 1) or equivalent knowledge

Course	Course Objectives	Course Content
ICND (Part 2) This course forms part of the following Cisco certifications: CCNA Duration: 4 days Certification Required topics are covered for the Cisco exams 640-816 ICND2 640-802 CCNA Location Slough Client Site	Upon completion of this course, the delegate will be able to: • Review how to configure and troubleshoot a switch and router in a small network environment • Expand the switched network from a small to medium network environment • Understand Concepts of VLANs and trunking • Implement VLSM • Configure, verify, and troubleshoot OSPF • Configure, verify, and troubleshoot EIGRP • Determine when to use access control lists (ACLs) • Configure, verify, and troubleshoot ACLs • Configure NAT and PAT • Understand IPv6 addressing • Configure and Troubleshoot Frame Relay operation • Understand the befits and impact of VPN's	• Small Network Implementation practical • Scaling Switched networks utilising VTP, RSTP, VLAN's, and 802.1q • Inter-vlan routing utilising virtual router interfaces • Improving Network Security • Create and implement VLSM network • Understand, Configure and troubleshoot OSPF in a single area • Understand, Configure and troubleshoot EIGRP • Configure concurrent IPv4 and IPv6 addressing • Configure and troubleshoot access lists • Configure PPP, CHAP, and PAP • Implement and troubleshoot a Frame Relay Network