

Inhalt CCNA Discovery

Networking for Home and Small Business

- | | |
|--|---|
| 0. Course Introduction | 0. Kurseinführung |
| 1. Personal Computer Hardware | 1. Hardware eines PCs |
| 2. Operating Systems | 2. Betriebssysteme |
| 3. Connecting to the Network | 3. Herstellen einer Netzwerkverbindung |
| 4. Connecting to the Internet Through an ISP | 4. Aufbau einer Verbindung in das Internet über einen ISP |
| 5. Network Addressing | 5. Netzwerkadressierung |
| 6. Network Services | 6. Netzwerkdienste |
| 7. Wireless Technologies | 7. Wireless-Technologien |
| 8. Basic Security | 8. Basissicherheit |
| 9. Troubleshooting Your Network | 9. Fehlerbehebung in Ihrem Netzwerk |
| 10. Course Summary | 10. Kurszusammenfassung |

Working at a Small-to-Medium Business or ISP

0. Course Introduction
1. The Internet and Its Uses
2. Help Desk
3. Planning a Network Upgrade
4. Planning the Addressing Structure
5. Configuring Network Devices
6. Routing
7. ISP Services
8. ISP Responsibility
9. Troubleshooting
10. Course Summary

Introducing Routing and Switching in the Enterprise

0. Course Introduction
1. Networking in the Enterprise
2. Exploring the Enterprise Network Infrastructure
3. Switching in an Enterprise Network
4. Addressing in an Enterprise Network
5. Routing with a Distance Vector Protocol
6. Routing with a Link-State Protocol
7. Implementing Enterprise WAN Links
8. Filtering Traffic Using Access Control Lists
9. Troubleshooting an Enterprise Network
10. Course Summary

Designing and Supporting Computer Networks

0. Course Introduction
1. Introducing Network Design Concepts
2. Gathering Network Requirements
3. Characterizing the Existing Network
4. Identifying Application Impacts on Network Design
5. Creating the Network Design
6. Using IP Addressing in the Network Design
7. Prototyping the Campus Network
8. Prototyping the WAN
9. Preparing the Proposal
10. Course Summary