

ICND 2

Interconnecting Cisco Network Devices Part 2 v3.0

This course will students with the knowledge and skills needed to install, configure, operate, and troubleshoot a small enterprise network. It will ensure that students understand and are ready to deploy the latest shifts in technologies and solutions as follows: • understanding of Quality of Service (QoS) elements and their applicability • how virtualized and cloud services will interact and impact enterprise networks • an overview of network programmability and the related controller types and tools that are available to support software defined network architectures A full suite of labs have been developed using the virtual IOS environment with flexible topologies that reinforce concepts with hands-on, guided discovery and challenge labs that align to each lesson module.

Course Contents

- Operate a medium-sized LAN with multiple switches
- Supporting VLANs, trunking, switch stacking, chassis aggregation and spanning tree protocols
- Troubleshoot IP connectivity
- Configure and troubleshoot EIGRP in IPv4 and IPv6 environments
- Define characteristics, functions and components of a WAN
- Describe SNMP, Syslog, and manage Cisco device configurations, IOS images and licenses
- Understand QoS, virtualization and cloud services, and network programmability related to WAN, access and core segments.

E-Book Each participant will receive the original course documentation from Cisco in English language as a Cisco E-Book.

Target Group

- Individuals seeking CCNA Routing and Switching certification
- Pre- and post-sales network engineers involved in installing and supporting enterprise branch office networks
- Entry-level network engineers, network administrators, network support technicians, and help desk technicians

Knowledge Prerequisites

- Understanding network fundamentals
- Implementing local area networks
- Implementing Internet connectivity
- Managing network devices
- Securing network devices
- Implementing basic IPv6 connectivity

Reservation and Registration

Reserve your course at the required date free of charge and in a non-binding way! We will reserve a place for you for the duration of 7 days. You can directly make this reservation, as well as a binding course booking on our Web site. Alternatively, you can simply call us under: + 49 06074 4868-0.

Guaranteed Course Dates

You can find all current course dates directly under the link: www.expertech-training.com/go/ICN2



Alternatively, you can use the QR code at the left to open this URL. Please check our website for the guaranteed course dates. These are indicated via the symbol

Your Tailor-Made Course

You want to attend this course, but with contents that are customized to your individual demands? We create advanced training programs for your project which fit your requirements precisely.

5 Days		€ 2,495 exclusive of V.A.T.	
Course Date/Location		Course language	German
08/20-08/24/18	München	12/17-12/21/18	Stuttgart
08/27-08/31/18	Frankfurt	12/17-12/21/18	Ulm
09/10-09/14/18	Düsseldorf	12/17-12/21/18	Wien
09/24-09/28/18	München	01/14-01/18/19	Frankfurt
09/24-09/28/18	Stuttgart	01/14-01/18/19	Online
09/24-09/28/18	Ulm	01/14-01/18/19	Zürich
09/24-09/28/18	Wien	01/21-01/25/19	Berlin
10/08-10/12/18	Frankfurt	01/21-01/25/19	Hamburg
10/08-10/12/18	Online	01/28-02/01/19	München
10/08-10/12/18	Zürich	01/28-02/01/19	Wien
10/22-10/26/18	Berlin	02/11-02/15/19	Frankfurt
10/22-10/26/18	Hamburg	02/25-03/01/19	Düsseldorf
11/05-11/09/18	Graz	03/11-03/15/19	München
11/05-11/09/18	München	03/11-03/15/19	Stuttgart
11/05-11/09/18	Wien	03/11-03/15/19	Ulm
11/19-11/23/18	Frankfurt	03/25-03/29/19	Frankfurt
12/03-12/07/18	Düsseldorf	03/25-03/29/19	Online
12/17-12/21/18	München	03/25-03/29/19	Zürich

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Lesson 4: Understanding Layer 3 Redundancy

Module 2: Troubleshooting Basic Connectivity

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Module 7: Network Device Management

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Labs

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