

CCNA PowerCamp

Implementing and Administering Cisco Solutions

The PowerCamp is based on the original content of the CCNA course from Cisco, which is supplemented by further information and exercises. In addition, the content of the associated 3-day e-learning course is conveyed by an experienced trainer, which must be learned in the classic variant in self-study.

The configuration of network components such as switches, routers and wireless LAN controllers, the basics of network management and basic security threats in enterprise networks are learned. Participants also receive basic knowledge of network programming, automation and software defined networking (SDN).

This course prepares participants extensively and intensively for the Cisco® Certified Network Associate (CCNA®) exam. The exam can be taken at the end of the PowerCamp.

Course Contents

- Exploring the Functions of Networking
- Introducing the Host-to-Host Communications Model
- Operating Cisco IOS Software
- Introducing LANs
- Exploring the TCP/IP Link Layer
- Starting a Switch
- Introducing the TCP/IP Internet Layer, IPv4 Addressing, and Subnets
- Explaining the TCP/IP Transport Layer and Application Layer
- Exploring the Functions of Routing
- Configuring a Cisco Router
- Exploring the Packet Delivery Process
- Troubleshooting a Simple Network
- Introducing Basic IPv6 Lecture
- Configuring Static Routing
- Implementing VLANs and Trunks
- Routing Between VLANs
- Introducing OSPF
- Building Redundant Switched Topologies
- Improving Redundant Switched Topologies with EtherChannel
- Exploring Layer 3 Redundancy
- Introducing WAN Technologies
- Explaining Basics of ACL
- Enabling Internet Connectivity
- Introducing QoS
- Explaining Wireless Fundamentals
- Introducing Architectures and Virtualization
- Explaining the Evolution of Intelligent Networks
- Introducing System Monitoring
- Managing Cisco Devices
- Examining the Security Threat Landscape
- Implementing Threat Defense Technologies
- Securing Administrative Access
- Implementing Device Hardening

The virtual lab is available to the participants for 90 days from the start of the respective event for a total of 60 hours.

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

Target Group

This course is intended for anyone who is aiming for a CCNA certification in a short time and under the guidance of experienced trainers. The course provides basic knowledge for all support technicians who are involved in the basic installation, operation and monitoring of Cisco networks.

The fields of activity that best fit the teaching material used in this course are:

- Entry-level Network Engineer
- Network Administrator
- Network Support Technician
- Helpdesk Technician

Prerequisites

- Basic computer skills
- Basic knowledge of the PC operating system for system navigation
- Basic knowledge of internet usage
- Basic knowledge of IP addressing

There are no formal requirements for CCNA certification - however, you should make sure that you understand the exam topics well. And you will get this understanding in this PowerCamp!

This Course in the Web



You can find the up-to-date information and options for ordering under the following link:

www.experteach-training.com/go/CCNB

Reservation

On our Website, you can reserve a course seat for 7 days free of charge and in a non-committal manner. This can also be done by phone under +49 6074/4868-0.

Guaranteed Course Dates

To ensure reliable planning, we are continuously offering a wide range of guaranteed course dates.

Your Tailor-Made Course!

We can precisely customize this course to your project and the corresponding requirements.

Training	Prices, excl. of V.A.T.	
Classes in Germany	10 Days	€ 3,995
Online Training	10 Days	€ 3,995
Date/course venue	Course language German 	
06/02-17/02/23 Frankfurt	06/02-17/02/23 Online	
06/02-17/02/23 Frankfurt	20/03-31/03/23 Frankfurt	
06/02-17/02/23 Online		

Status 12/07/2022



Our Offer to You



ExperTeach Networking
Top-level Courses on
Networking Technology



Cisco
Platinum Learning Partner
Business Learning Partner



More than 30 Vendors
All Important
ICT Providers



Digital Learning
Digital Services • E-Learning
Managed Training Services



IT Management
Far More Training
than Mere Technology



Tailor-Made Courses
Individual Training
for Your Project



Guaranteed Course Dates
Secure Planning for
Your Training Projects



ExperTeach GmbH

Waldstraße 94 • 63128 Dietzenbach • Phone: +49 6074 4868-0 • Fax: +49 6074 4868-109
info@experitech.de • www.experitech-training.com

