



## ENCOR: Implementing and Operating Cisco Enterprise Network Core Technologies

### Listenpreis

3.395,00 € exkl. MwSt

4.040,05 € inkl. MwSt

### Dauer

5 Tage

### Leistungen Präsenz

- Schulung im Trainingscenter
- Verpflegung
- Teilnahmebestätigung / Zertifikat

### Leistungen bei VCL Training

- Technischer Support
- Online Zugang
- Teilnahmebestätigung / Zertifikat

### Ihre Ansprechpartnerin



**Gabriela Bücherl**  
Geschäftsführung  
Vertrieb

### Kontakt/Fragen:

[g.buecherl@cbt-training.de](mailto:g.buecherl@cbt-training.de)

Telefon: +49 (0)89-4576918-16

## Inhalte

- Examining Cisco Enterprise Network Architecture
- Understanding Cisco Switching Paths
- Implementing Campus LAN Connectivity
- Building Redundant Switched Topology
- Implementing Layer 2 Port Aggregation
- Understanding EIGRP
- Implementing OSPF
- Optimizing OSPF
- Exploring EBGP
- Implementing Network Redundancy
- Implementing NAT
- Introducing Virtualization Protocols and Techniques
- Understanding Virtual Private Networks and Interfaces
- Understanding Wireless Principles
- Examining Wireless Deployment Options
- Understanding Wireless Roaming and Location Services
- Examining Wireless AP Operation
- Understanding Wireless Client Authentication
- Troubleshooting Wireless Client Connectivity
- Introducing Multicast Protocols
- Introducing QoS
- Implementing Network Services
- Using Network Analysis Tools
- Implementing Infrastructure Security
- Implementing Secure Access Control
- Understanding Enterprise Network Security Architecture
- Exploring Automation and Assurance Using Cisco DNA Center
- Examining the Cisco SD-Access Solution
- Understanding the Working Principles of the Cisco SD-WAN Solution
- Understanding the Basics of Python Programming
- Introducing Network Programmability Protocols
- Introducing APIs in Cisco DNA Center and vManage

## Kursinformationen



### Zielgruppe

- Mid-level network engineers
- Network administrators
- Network support technicians
- Help desk technicians

### Voraussetzungen

- Implementierung von Enterprise LAN Netzwerken
- Grundlegendes Verständnis von Enterprise Routing und Wireless Connectivity
- Grundlegendes Verständnis von Python-Skripten

### Prüfung/Zertifizierung

350-401 Examen