

1 Certifications

Certification	Date	Valid
CCNA	20. Oktober 1999	26. Januar 2004
CCDA	7. Juli 2000	26. Januar 2004
CCDP	7. Juli 2000	26. Januar 2004
CCIE #5503	25. Januar 2000	26. Januar 2004
CPSE	8. Mai 2002	
CCNP - Voice	25. Januar 2000	
CCSI #98505	16. Januar 1998	

2 Consulting

Consulting in the area of routing (BGP, OSPF, IS-IS) und access (ISDN, Cable). Especially focusing on the design and troubleshooting.

3 Course Development

Course development in the area of general networking (mainly material about Inter-networking, TCP/IP, DSL, Switching, Routing ...).

Course development for specific topics :

- DOCSIS standard
- VPN and VoIP for Data over Cable
- ISDN for data networks
- DSL technology
- VoIP technology and standards
- Security (Cisco and Unisphere)
- Access (analog, ISDN, Frame Relay, DSL, Cable, Wireless)

4 Training

International training with the focus on Europe. More than 500 days of training in English and German in the last 5 years.

4.1 Standard Networking

Internetworking, LAN Technologies, WAN Technologies, ISDN, DSL, Frame Relay, ATM, ...

4.2 Cisco Topics

The following courses are a selection of some certified courses done by me. Not mentioned are special topics like **CCIE preparations** or courses developed for a specific target group.

Kurs		Status
CVOICE	Cisco Voice	Historical
IMCR	Installing and Maintaining Cisco Routers	Historical
ICRC	Introduction to Cisco Router Configuration	Historical
ACRC	Advanced Cisco Router Configuration	Historical
CMTD	Configuring, Monitoring, and Troubleshooting Dial-up Services	Historical
CLSC	Cisco LAN Switch Configuration	Historical
DCN	Designing Cisco Networks	
CID	Cisco Internetworking Design	
CIT	Cisco Internetwork Troubleshooting	
ICND	Interconnecting Cisco Network Devices	
BSCN	Building Scalable Cisco Networks	
BCRAN	Building Cisco Remote Access Networks	
BCMSN	Building Cisco Multilayer Switched Networks	
BSCI	Building Scalable Cisco Internetworks	
CNR	Introduction to Cisco Network Registrar	
ICCR	Introduction to Cisco Cable Routers-DOCSIS	

4.3 Unisphere Topics

All officially available courses in the area of Unisphere networking (Routing with IS-IS, OSPF, BGP, MPLS) as well as access (DSL).