

QoS

Implementing Cisco Quality of Service



Associated certifications: CCIP

The Implementing Cisco Quality of Service (QoS) v2.2 course provides students with in-depth knowledge of IP QoS requirements, conceptual models using Differentiated Services (DiffServ), Integrated Services (IntServ) and Best Effort (over provisioning), and the implementation of IP QoS on Cisco IOS switch and router platforms.

Course Contents

- Introduction to IP QoS
- The Building Blocks of IP QoS
- Introduction to Modular QoS CLI and Auto-QoS
- Classification and MarkingModule
- Congestion Management
- Congestion Avoidance
- Traffic Policing and Shaping
- Link Efficiency Mechanisms
- QoS Best Practices

Detailed Table of Content

Target Group

Channel Partner/Reseller, Customers

Knowledge Prerequisites

Completion of Interconnecting Cisco Networking Devices (ICND) or Cisco Certified Networking Associate (CCNA). The Configuring BGP on Cisco Routers course (BGP) or equivalent is recommended because some BGP background is assumed for the QoS course.



Reservation and Registration

We will be glad to make a free and non-binding course reservation for you for the duration of two weeks. On www.expertech.de under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +49 6074 4868-0.

For closed groups of participants, we can modify the course contents according to your requirements. Do not hesitate to contact us!



5 days

€2,790 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

09/06-09/10/10	Frankfurt	06/27-07/01/11	Wien
09/27-10/01/10	Düsseldorf	06/27-07/01/11	Stuttgart
09/27-10/01/10	Utrecht	06/27-07/01/11	München
10/04-10/08/10	Brussels	07/18-07/22/11	Berlin
10/11-10/15/10	München	07/18-07/22/11	Hamburg
10/11-10/15/10	Wien	08/08-08/12/11	Düsseldorf
11/08-11/12/10	Hamburg	08/29-09/02/11	Zürich
11/15-11/19/10	Breda	08/29-09/02/11	Frankfurt
12/06-12/10/10	Frankfurt	09/19-09/23/11	Wien
12/06-12/10/10	Utrecht	09/19-09/23/11	München
01/10-01/14/11	Wien	10/10-10/14/11	Hamburg
01/10-01/14/11	München	10/10-10/14/11	Berlin
02/07-02/11/11	Berlin	10/31-11/04/11	Düsseldorf
02/07-02/11/11	Hamburg	11/21-11/25/11	Frankfurt
02/21-02/25/11	Düsseldorf	12/12-12/16/11	Wien
03/07-03/11/11	Zürich	12/12-12/16/11	Stuttgart
03/07-03/11/11	Frankfurt	12/12-12/16/11	München
03/28-04/01/11	Wien	01/09-01/13/12	Hamburg
03/28-04/01/11	München	01/09-01/13/12	Berlin
04/18-04/21/11	Hamburg	01/30-02/03/12	Düsseldorf
04/18-04/21/11	Berlin	02/20-02/24/12	Frankfurt
05/16-05/20/11	Düsseldorf	03/12-03/16/12	München
06/06-06/10/11	Frankfurt	03/12-03/16/12	Wien

Up-to-date information: www.expertech-training.com CQOS

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- Module 1: Introduction to IP QoS
- Module 2: The Building Blocks of IP QoS
- Module 3: Introduction to Modular QoS CLI and Auto-QoS
- Module 4: Classification and Marking
- Module 5: Congestion Management
- Module 6: Congestion Avoidance
- Module 7: Traffic Policing and Shaping
- Module 8: Link Efficiency Mechanisms
- Module 9: QoS Best Practices



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