

# SCA-BB

## Cisco Service Control Application for Broadband Training



This course provides knowledge and hands-on experience with Cisco® Service Control Application for Broadband (SCA-BB). Students will gain knowledge about the elements of this solution including Cisco Service Control Engine (SCE), SCA-BB Console, Cisco Subscriber Manager (SM), and Cisco Collection Manager (CM) plus the Reporter, Service Configuration Editor, and Protocol Signature Editor tools. This course provides information to run and configure a SCA-BB solution for bandwidth control using several different subscriber modes: subscriberless, anonymous subscribers, subscriber-aware in push mode, subscriber-aware in pull mode, and using a RADIUS or Dynamic Host Configuration Protocol (DHCP) authentication, authorization, and accounting (AAA) system.

### Course Contents

Overview and Defining a Site Hardware Deployment Topologies SCE Installation  
Collection Manager Raw Data Records Collection Manager Adapters Creating Reports  
Global Bandwidth Control Subscriber-less Mode Filters VPN and Subscribers  
Bandwidth Control, Packages and Rules Committed Information Rate (CIR) and Peak  
Information Rate (PIR) Assurance Level Relative Priority Extra Bandwidth Controls  
Classification Methods Flavors and Zones Quota Management for Bandwidth and  
Sessions Quota Manager Integration with RADIUS and DHCP Policy Server Integration  
Security Issues Protocol Signature Creation

### Knowledge Prerequisites

- Experience using Cisco IOS® Software for configuration of IP
- Multiprotocol Label Switching (MPLS) VPN
- Open Shortest Path First (OSPF)
- Border Gateway Protocol (BGP)
- Intermediate System-to-Intermediate System (IS-IS)
- Basic understanding of quality of service (QoS) operations



### 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-training.com](http://www.expertech-training.com) 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!



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4 days

€2,490 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

Course dates available on request

Up-to-date information: [www.expertech-training.com](http://www.expertech-training.com)

SCAB



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Status 12/21/2011