

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.experteach-benelux.com under *Registration*, you can conveniently make course reservations, registrations, and hotel reservations. Alternatively, call us under +31 (0)76 52 32 950.

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



SCA-BB

4 days €2,490 exclusive of V.A.T.

Course date (dd.mm.yy)/Location

Course dates available on request

Up-to-date information: www.experteach-benelux.com SCAB



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