

SCA-D

Cisco Service Control Application Solution Deployment



This course prepares students to install and configure the Cisco® Service Control Application Solutions components, including the Cisco Service Control Engine (SCE), SCA-BB Console, Cisco Collection Manager, Traffic Reporter, and Cisco Subscriber Manager. Students use Cisco's planning, design, implementation, operation, and optimization (PDIOO) process to deploy several SCA solution topologies, including cascade (high availability) and multigigabit (MGSCP). Based on realistic use-case scenarios, students also use the SCA-BB Console to analyze network traffic with reports and design traffic control policies for link bandwidth optimization, to control traffic to the subscriber or application level, as well as to enable tiered service offerings.

Course Contents

- Course Introduction
- SCA-BB Solution and Architecture Review
- * Overall Solution Architecture
- * Component Functions/Interoperability
- SCA-BB Component Installations
- * Collection Manager Installation: Bundled Sybase DB (Solaris OS)
- * SCE OS Upgrade/Installation
- * SCA-BB Console Installation
- * Subscriber Manager Installation Topics
- Service Control Scenarios
- * SCE Packages, Services, Rules, and Bandwidth Control Topics
- * Subscriberless SCE Implementation
- * Anonymous Subscriber Provisioning/Operation
- Subscriber Manager/External Quota Manager
- * Subscriber Manager Functions, Interfaces
- * Subscriber-Aware/Tiered Services Provisioning/Operation
- * External Quota Management and Quota Manager Operation
- Integration with RADIUS and DHCP
- * Details on LEG Adaptors/Integration Scenarios
- Solution Design
- * Topology Design Methodology, High-Availability Design Considerations (Collection Manager/Database, Subscriber Manager)
- * Case Study Review • Virtual Links
- * V-Links Feature Overview and Configurations
- MGSCP Topology o Solution Implementations/Configurations

Target Group

This course is for technical professionals who design, deploy, and support SCA solutions.

Knowledge Prerequisites

1. Familiarity with the SCA solution to include knowledge of overall architecture and experience with the SCA-BB Console GUI for SCE provisioning, as taught in the course SCA-BB - Cisco Service Control Application for Broadband Training
2. Knowledge of IP routing and switching fundamentals as well as Solaris is recommended for the best learning outcome.



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 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!



SCA-D

5 days €2,990 exclusive of V.A.T.

Course date (mm/dd/yy)/Location

Course dates available on request

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



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