

High-Touch Delivery Learning Services

Operating a Cisco DTA Control System (DTACS)



The Operating a Cisco DTA Control System instructor-led course takes a task-oriented approach to teaching the skills that are necessary to understand and operate a Cisco® Digital Transport Adapter Control System (DTACS) for subscriber digital transport adapter (DTA) management. DTAs enable subscribers to watch digital broadband services on analog televisions. The DTACS allows service providers to control and perform remote services on the DTAs in subscriber homes. This course will teach you the skills that are needed to manage, operate, and maintain the DTAs and associated services.

Duration

Two days.

Target Audience

This course is designed for technical professionals who need to know how to operate the Cisco DTA Control Server in a DBDS network. The primary audience for this course includes:

- System engineers
- Technical support personnel
- Channel partners, resellers

Course Objectives

Upon completion of this course, you should be able to:

- Use the DNCS to access and control the DTACS system
- Perform administrative tasks for the DTACS
- Manage DTAs using the DNCS and the DTACS WUI
- View and manage DNCS configurations for proper DTACS operation
- Perform basic maintenance on the DTACS server

Course Prerequisites

Following are the prerequisites for this course:

- Activating and Operating a DSN course
- Practical experience operating a DNCS

To locate Cisco courses that cover the listed prerequisites, refer to www.cisco.com/go/ase.

Course Outline

The course outline is as follows:

- I. DTACS Fundamentals
 - A. Using DTAs to Provide Video
 - B. Managing DTAs with a DTACS
 - C. DTACS in DBDS Architecture
- II. DNCS Settings for DTACS
 - A. Verifying DNCS Settings for DTACS
 - B. Modifying Source Definitions and Packages
 - C. Modifying Channel Maps
- III. DTACS Operations
 - A. Viewing DTAs
 - B. Adding and Removing DTAs from the DTACS
 - C. Managing VCTs
 - D. Synchronizing Databases
 - E. Delivering Image Files to DTAs
- IV. DTACS Management
 - A. Managing Users for DTACS
 - B. DTA System Data
 - C. Understanding Processes on the DTACS Server
 - D. Exploring Tiered Services and SCP
 - E. Examining DTA Diagnostics
- V. Broadcast Service Groups in v1.2
 - A. Using BSGs for DTAs

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Lab Outline

The lab outline is as follows:

- Lab Tour 1-1: Lab Tour with DTAs
- Lab 2-1: DNCS Provisioning
- Lab 3-1: DTACS Provisioning
- Lab 3-2: DTA Images
- Lab 4-1: DTACS User Management
- Lab 4-2: Exploring Tiered Services and SCP: Creating Packages with Sources Needing SCP
- Lab 4-3: Exploring Tiered Services and SCP: Adding Packages to a New VCT

Registration Information

For more information about schedules and registration for this course, contact aeskt_registration@cisco.com.

For More Information

For more information on High-Touch Delivery Learning Services for Cisco classic products and technologies, refer to www.cisco.com/go/ase.

For information on Cisco TelePresence® training, refer to www.telepresenceu.com/.

For information on broadband video training for service providers, refer to www.cisco.com/go/spvtraining.



Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters

Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 0689 12
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters

Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

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