

# High-Touch Delivery Learning Services

## Advanced Digital Broadband Delivery Systems Troubleshooting (ADVDBDS)



The Advanced Digital Broadband Delivery Systems Troubleshooting instructor-led course focuses on the logical progression of actions to take when troubleshooting a digital broadband delivery system (DBDS). As a follow-on course to Activating and Operating a DNCS, this course focuses on making sure you have the expertise to quickly diagnose and troubleshoot the system. You will use tools such as set-top diagnostic screens, digital network control system (DNCS) alarms, and various UNIX utilities to isolate and troubleshoot common DBDS problems. Your learning is enhanced through the use of hands-on lab exercises designed to actively engage your troubleshooting skills.

### Duration

Five days.

### Target Audience

This course is designed for technical professionals who need to know how to maintain and troubleshoot a DBDS. 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:

- Recognize normal operation of the DBDS
- Apply troubleshooting logic to isolate problems to major DBDS processes
- Use tools to determine the cause of the problem and take corrective action
- Verify that the process operates normally
- Use routine system checks to monitor the DBDS for abnormal operation

### Course Prerequisites

Following are the prerequisites for this course:

- Activating and Operating Digital Subscriber Networks course
- Network Technology Bootcamp and Introduction to UNIX are recommended

To locate Cisco® courses that cover the listed prerequisites, refer to [www.cisco.com/go/ase](http://www.cisco.com/go/ase).

### Course Outline

The course outline is as follows:

- Module 1: Principles of Troubleshooting and Tools
- Module 2: Reviewing and Creating Broadcast Services
- Module 3: Troubleshooting Broadcast Services
- Module 4: Troubleshooting the Interactive Program Guide
- Module 5: Troubleshooting Impulse Pay per View
- Module 6: Maintaining the DBDS
- Module 7: Troubleshooting the Entire System

### Lab Outline

The lab outline is as follows:

- Labs 1–3: Troubleshooting Broadcast Services
- Labs 4–6: Troubleshooting the Interactive Program Guide
- Labs 7–9: Troubleshooting Reservation Pay per View
- Labs 10–12: Troubleshooting Interactive Pay per View
- Labs 13–15: Troubleshooting the DBDS

### Registration Information

For more information about schedules and registration for this course, contact [aeskt\\_registration@cisco.com](mailto: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](http://www.cisco.com/go/ase).

For information on Cisco TelePresence® training, refer to [www.telepresenceu.com/](http://www.telepresenceu.com/).

For information on broadband video training for service providers, refer to [www.cisco.com/go/spvtraining](http://www.cisco.com/go/spvtraining).

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