

## VIVND2

# Implementing Cisco Video Network Devices, Part 2

## MODULE 1: CISCO BUSINESS VIDEO SOLUTIONS

### Understanding Cisco Video Collaboration

- ✓ Conventional Video Conferencing
- ✓ Cisco Collaboration Solutions
- ✓ Cisco Video-Collaboration Solution Components
- ✓ Cisco Video-Collaboration Architecture

### Understanding Cisco Video and Content Delivery

- ✓ Conventional Digital Media Architecture
- ✓ Cisco DMS
- ✓ Cisco Video- and Content-Delivery Components
- ✓ Cisco Video- and Content-Delivery Architecture

### Understanding Cisco Video Surveillance

- ✓ Typical Video-Surveillance Architecture Evolution
- ✓ Cisco Connected Physical Security Solution
- ✓ Cisco Video Surveillance Components
- ✓ Cisco Video Surveillance Solution Architecture

### Discovering Central Video Endpoint Control Elements

- ✓ Cisco Unified Communications Manager Video-Endpoint Registration Process
- ✓ Cisco Unified Communications Video-Endpoint Control Plane Discovery Steps

## MODULE 2: CISCO UNIFIED COMMUNICATIONS AND COLLABORATION VIDEO ENDPOINTS

### Understanding Cisco Unified Communications and Cisco Collaboration Video Endpoint Characteristics and Installation

- ✓ Cisco Unified Communications and Cisco Collaboration Video-Endpoint Portfolio
- ✓ Cisco Unified Communications IP Videophone Characteristics
- ✓ Cisco Unified Communications and Cisco Collaboration Video-Endpoint Installation

### Configuring Cisco Unified Communications and Collaboration Video Endpoints

- ✓ Cisco Unified Communications Video-Endpoint Setup
- ✓ Cisco Unified Communications Video-Endpoint Configuration
- ✓ Cisco Jabber Configuration and Calibration
- ✓ Cisco Unified Communications Video-Endpoint Status Verification

### Operating and Troubleshooting Cisco Unified Communications Video Endpoints

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- ✓ Local Cisco Unified Communications Video-Endpoint Log Verification
- ✓ Identification and Isolation of Cisco Unified Communications Video-Endpoint Registration Issues
- ✓ Identification and Isolation of Cisco Unified Communications Video-Endpoint Call-Setup Issues
- ✓ Identification and Isolation of Cisco Unified Communications Video-Endpoint Media Issues

### MODULE 3: CISCO TELEPRESENCE ENDPOINTS

#### Understanding Cisco TelePresence Endpoint Characteristics and Installation

- ✓ Cisco TelePresence Endpoint Portfolio
- ✓ Cisco TelePresence CTS Software-Based Endpoint Characteristics
- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Characteristics
- ✓ Cisco TelePresence System Profile Series
- ✓ Cisco Jabber Video for TelePresence Characteristics

#### Configuring Cisco TelePresence CTS Software-Based Endpoints

- ✓ Cisco TelePresence CTS Software-Based Endpoint Setup
- ✓ Cisco TelePresence CTS Software-Based Endpoint Reset
- ✓ Cisco TelePresence CTS Software-Based Endpoint Configuration
- ✓ Cisco TelePresence CTS Software-Based Endpoint Peripheral Calibration

#### Configuring Cisco TelePresence TC and TE Software-Based Endpoints

- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Setup
- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Reset
- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Peripheral Configuration and Calibration
- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Network and Call Settings Configuration
- ✓ Cisco TelePresence TC and TE Software-Based H.323 Endpoint Configuration
- ✓ Cisco TelePresence TC and TE Software-Based SIP Endpoint Configuration
- ✓ Firewall Traversal Overview
- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Video Features Configuration
- ✓ Cisco TelePresence TC and TE Software-Based Endpoints with Cisco Unified Communications Manager
- ✓ Cisco Jabber Video for TelePresence Configuration and Calibration

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- ✓ User-Facing Call Feature Configuration

### **Operating and Troubleshooting Cisco TelePresence Endpoints**

- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Hardware, Software, Log, and Status Information Collection
- ✓ Local Cisco TelePresence TC and TE Software-Based Endpoint Software and Configuration Maintenance
- ✓ Cisco TelePresence TC and TE Software-Based Endpoint Issue Identification and Isolation
- ✓ Cisco TelePresence CTS Software-Based Endpoint Hardware, Software, Log, and Status Information Collection
- ✓ Cisco TelePresence CTS Software-Based Endpoint Issue Identification and Isolation
- ✓ Cisco Jabber Video for TelePresence Issue Identification and Isolation

### **MODULE 4: MULTIPOINT CONFERENCING**

#### **Understanding Cisco Multipoint Conferencing**

- ✓ Cisco TelePresence Multipoint Media Infrastructure
- ✓ Cisco TelePresence MCU
- ✓ Cisco TelePresence Server
- ✓ Cisco TelePresence Multipoint Switch
- ✓ Ad Hoc Multipoint Conferences
- ✓ Cisco TMS
- ✓ Cisco WebEx Solutions

#### **Configuring and Monitoring Cisco Multipoint Conferencing**

- ✓ Configuring Cisco TelePresence MultiSite
- ✓ Configuring Cisco TelePresence Multiway
- ✓ Scheduling Conferences Using Cisco TMS
- ✓ Monitoring Conferences Using Cisco TMS
- ✓ Setting Up and Accessing Cisco TelePresence MCU Conferences Using the Auto- Attendant
- ✓ Verifying Conferences and Call Statistics on the Cisco TelePresence MCU

#### **Appendix: Cisco DMP**

##### **Understanding Cisco DMP Characteristics and Installation**

- ✓ Cisco DMP Components
- ✓ Cisco DMP Characteristics
- ✓ Cisco DMP Installation

##### **Configuring the Cisco DMP**

- ✓ Cisco DMP Setup Overview
- ✓ Cisco DMP Reset and Hardening
- ✓ Cisco DMP Peripheral Configuration and Calibration

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- ✓ Cisco DMP File Storage Configuration
- ✓ Cisco DMP Network and Power Source Configuration
- ✓ Cisco DMP Status Verification
- ✓ Cisco DMP Media Buffer Adjustment
- ✓ Cisco DMP TVzilla Browser Settings
- ✓ Cisco DMP Media Play Control and Verification

### **Operating and Troubleshooting the Cisco DMP**

- ✓ Cisco DMP Hardware, System Logs, and Status Information Collection
- ✓ Local Cisco DMP Software Maintenance
- ✓ Central Cisco DMP Software Maintenance and Status Verification
- ✓ Cisco DMP Peripheral and Network Issue Identification and Isolation

**Sono previste esercitazioni pratiche su tutti gli argomenti trattati.**

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