



Implementing Cisco Video Network Devices (210-065)

Exam Description: The 210-065 Implementing Cisco Video Network Devices exam is a 75-minute, 55-65 question assessment that is associated with the CCNA Collaboration qualification programs. This exam tests a candidate's knowledge of and skills to implement various Cisco Video endpoints in converged Cisco video infrastructures. It also tests a candidate's ability to implement and troubleshoot Cisco Unified Communication and Collaboration, TelePresence, and Digital Media Player in different Cisco business video solution architectures.

The following topics are general guidelines for the content likely to be included on the exam. However, other related topics may also appear on any specific delivery of the exam. In order to better reflect the contents of the exam and for clarity purposes, the guidelines below may change at any time without notice.

- 21%** **1.0** **Video Concepts**
 - 1.1 Describe the functional components of video solutions
 - 1.1.a Provisioning and scheduling Management
 - 1.1.b Video compositing
 - 1.1.c Streaming video
 - 1.1.d Recording and storage
 - 1.1.e Media players
 - 1.1.f Media convergence
 - 1.1.g Media managements
 - 1.1.h Video convergence

- 32%** **2.0** **Endpoint Configuration**
 - 2.1 Describe video product models
 - 2.1.a Mobile devices
 - 2.1.b Desktop systems
 - 2.1.c Multi-purpose systems
 - 2.1.d Surveillance cameras and encoders
 - 2.1.e Immersive systems
 - 2.1.f Peripherals and add-ons
 - 2.1.g Cabling connections
 - 2.1.h Digital media players
 - 2.2 Describe environment recommendations
 - 2.2.a Room lighting recommendations
 - 2.2.b Room acoustics recommendations
 - 2.2.c Room power recommendations
 - 2.2.d Room HVAC recommendations
 - 2.2.e Room materials (windows, floor material, wall material, etc.)
 - 2.2.f Room size and background wall
 - 2.2.g Viewing distance
 - 2.2.h Physical security recommendations

- 2.3 Implement desktop endpoints and surveillance cameras
 - 2.3.a Network settings
 - 2.3.b GUI interface and CLI
 - 2.3.c Control plane
 - 2.3.d Cables
 - 2.3.e Test call
 - 2.3.f User acceptance test
 - 2.3.g Microphone calibration
 - 2.3.h Camera calibration
 - 2.3.i Media playback on PCs
- 2.4 Describe features and functions
 - 2.4.a Auto collaboration
 - 2.4.b MCU capabilities versus TelePresence Server
 - 2.4.c Audio add in
 - 2.4.d PIP
 - 2.4.e FECC
 - 2.4.f Resolution setting
 - 2.4.g Multi way vs multi-site
- 31%** **3.0 Troubleshooting and Support**
 - 3.1 Describe troubleshooting methodologies
 - 3.2 Identify endpoint issues
 - 3.2.a Cabling
 - 3.2.b Peripherals
 - 3.2.c Network connectivity
 - 3.2.d Registration
 - 3.2.e Call setup
 - 3.2.f Media quality
 - 3.2.g Mid call feature issues
 - 3.3 Collecting system information
 - 3.3.a Logs
 - 3.3.b Status
 - 3.4 Manage configuration
 - 3.4.a Backups
 - 3.4.b Restore
 - 3.4.c Reset to defaults
 - 3.4.d Password recovery
 - 3.5 Implement key CLI commands
 - 3.6 Monitor events and alerts
- 16%** **4.0 Conferencing Concepts**
 - 4.1 Describe multi-point control units
 - 4.2 Describe conferencing features
 - 4.2.a Switching and layout options
 - 4.2.b Cascading
 - 4.2.c Conferencing add-ons
 - 4.3 Describe scheduling vs adhoc vs on demand features