



Implementing Cisco TelePresence Installations (642-188)

Exam Description: Implementing Cisco TelePresence Installations (ITI) (642-188) is a 90-minute exam with 70–80 questions associated with the Cisco TelePresence Installations Specialist. Implementing Cisco TelePresence Installations (ITI) is designed to give learners a strong understanding of physical installations of Cisco TelePresence systems 500, 1000, 1100, and 1300. Topics include room readiness recommendations, physical assembly of single-screen systems, codec cabling, first-time setup, camera tuning, and installation of auxiliary devices such as document cameras. Resulting skills development enables network engineers and technicians to install the furniture; to construct the frame, table, stand, and wall mount; and to connect the cables and networking equipment for the Cisco TelePresence systems 500, 1000, 1100, and 1300.

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

- 18%** **1.0** **Understand Product Models, Functionality, and Capabilities**
 - 1.1 Cisco TelePresence 1300 series
 - 1.2 Cisco TelePresence System 1100 series
 - 1.3 Cisco TelePresence System 1000 series
 - 1.4 Cisco TelePresence System 500 series

- 22%** **2.0** **Understand Environment Recommendations**
 - 2.1 Understand room lighting recommendations
 - 2.2 Understand room acoustics recommendations
 - 2.3 Understand room power recommendations
 - 2.4 Understand room HVAC recommendations
 - 2.5 Understand room materials (windows, floor material, wall material, etc.)
 - 2.6 Room size and background wall
 - 2.7 Continuity: natural look and feel for video conferencing

- 17%** **3.0** **Assembly, construction, and installation of the TelePresence furniture**
 - 3.1 Table and desk placement
 - 3.2 Display placement and installation
 - 3.3 Camera installation
 - 3.4 Phone installation
 - 3.5 Level the frame, wall mount, display, desk, table, etc.
 - 3.6 Cable connection and cable management
 - 3.7 Familiarity with installation and instruction manuals
 - 3.8 Microphone placement
 - 3.9 Differences in product models construction - 1300, - 1100, - 1000, - 500
 - 3.10 Physical configuration of endpoints for each product model

- 3.11 Installation of auxiliary equipment

- 20% 4.0 Codec Configuration: Get the System and Network to Recognize the Endpoint**
 - 4.1 Connect the codec to a laptop via an ethernet cable (direct connect)
 - 4.2 Access the codec via WebGUI and CLI
 - 4.3 Configure the IP settings
 - 4.4 Configure the Cisco Unified Communications Manager settings
 - 4.5 Test each component via web and GUI (hardware setup page)
 - 4.6 Understand TelePresence endpoint communications
 - 4.7 Understand the CTS upgrade processes
 - 4.8 Understand the TelePresence Phone User Interface

- 23% 5.0 Camera Tuning: Meet Cisco Standards for the End User Video Experience**
 - 5.1 Know how to put camera in loopback mode
 - 5.2 Target setup and proper placement
 - 5.3 Tune the camera via web and GUI for the hardware setup page
 - 5.4 Specific differences for tuning each product model