

## Cisco 100-890 Premium Exam Engine pdf - Download Free Updated 62 Questions [Q26-Q48]



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### QUESTION 26

Which distributed database allows hostnames to be mapped to IP addresses?

- \* Dynamic Host Configuration Protocol (DHCP)
- \* Network Time Protocol (NTP)
- \* Domain Name System (DNS)
- \* Cisco Discovery Protocol

[https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3750x\\_3560x/software/release/12-2\\_55\\_se/configuration/guide/3750xscg/swadmin.html](https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3750x_3560x/software/release/12-2_55_se/configuration/guide/3750xscg/swadmin.html)

### QUESTION 27

What are two reasons that video conferencing solutions developed before the 1990s were impractical? (Choose two)

- \* They operated at a high expense.

- \* They produced an unreliable image quality
- \* They produced high-resolution image quality
- \* They had not been invented yet.
- \* They operated at a high frame rate

### QUESTION 28

Which feature can be turned on from the Touch 10 controller to check the camera's Pan/Tilt/Zoom, maximized, and minimized views in order to verify that the Cisco TelePresence MX800 Dual System camera movement operates correctly?

- \* Selfview
- \* CameraPreset
- \* CameraControl
- \* Remoteview

### QUESTION 29

Which two statements describe Cisco Meeting Server 1000 and 2000? (Choose two.)

- \* Cisco Meeting Server 1000 and 2000 are preconfigured as virtualized servers
- \* Both servers support the H.323 protocol
- \* Cisco Meeting Server is an on-premises conferencing platform
- \* Both servers support the SIP protocol
- \* Cisco Meeting Server 1000 runs on a preconfigured UCS 5108 blade server

### QUESTION 30

How many microphone input devices does Cisco Webex Room 70 G2 support?

- \* 2
- \* 4
- \* 6
- \* 8

[https://www.insight.com/en\\_US/shop/product/CS-ROOM70DG2-K9/CISCO+SYSTEMS/CS-ROOM70DG2-K9/Cisco-Webex-Room-70-Dual-G2;G2;video-conferencing-kit;70;-with-2-x-Cisco-Table-Microphone;Codec-Pro-and-Touch10/](https://www.insight.com/en_US/shop/product/CS-ROOM70DG2-K9/CISCO+SYSTEMS/CS-ROOM70DG2-K9/Cisco-Webex-Room-70-Dual-G2;G2;video-conferencing-kit;70;-with-2-x-Cisco-Table-Microphone;Codec-Pro-and-Touch10/)

### QUESTION 31

The Certificate Trust List (CTL) file is an important file that the Cisco IP phone downloads during the bootup process. What information is defined in the CTL file?

- \* CTL contains a list of certificates and feature licenses that the IP phone is authorized to use
- \* CTL specifies a list of configuration files that the phone can download from the TFTP server
- \* CTL contains a list of Cisco Unified CM and TFTP servers that the IP phone is authorized to connect to.
- \* CTL defines how the Cisco IP Phone communicates with Cisco Unified CM and provides a phone with its load ID

### QUESTION 32

What are two components of Infrastructure collaboration? (Choose two)

- \* instant messaging
- \* security mechanism
- \* voicemail system
- \* video conferencing

- \* quality of service

### QUESTION 33

Which two devices can provide a Cisco IP phone the network connection and power necessary for the phone to function in the IP telephony network? (Choose two )

- \* IP phone power adapter with Ethernet port
- \* Cisco Unified Communications Manager PoE port
- \* Cisco TelePresence codec
- \* Cisco Voice Gateway PoE port
- \* Cisco Catalyst PoE switch

### QUESTION 34

Drag and drop the sizes from the left onto the availability for Webex Board on the right Not all sizes are used

24-inch

55-inch

70-inch

85-inch

available size for Webex Board

available size for Webex Board

available size for Webex Board

24-inch

55-inch

70-inch

85-inch

55-inch

70-inch

85-inch

Explanation

55-inch

70-inch

85-inch

Table Description automatically generated

<https://www.webex.com/video-conference-equipment/webex-boards.html>

### QUESTION 35

What is based on the Bootstrap Protocol (BOOTP) and provides the framework for passing configuration information to hosts on a TCP/IP network?

- \* Domain Name System (DNS)
- \* Dynamic Host Configuration Protocol (DHCP)
- \* Cisco Discovery Protocol
- \* Network Time Protocol (NTP)

Explanation

<https://www.cisco.com/c/en/us/td/docs/routers/asr920/configuration/guide/ipaddr-dhcp/16-12-1/b-dhcp-xe-16-12> The Dynamic Host Configuration Protocol (DHCP) is based on the Bootstrap Protocol (BOOTP), which provides the framework for passing configuration information to hosts on a TCP/IP network. DHCP adds the capability to automatically allocate reusable network addresses and configuration options to Internet hosts.

### QUESTION 36

How can converged networks be described?

- \* A converged network can transmit data voice, and video, or any combination of these services, over the same networks
- \* A converged network can deliver data voice and video services with various communication channels and network structure
- \* Each service in the network has its own set of rules and standards to ensure successful communication.
- \* A converged network is also known as quadruple-play services networks

### QUESTION 37

Which VoIP network component provides Call Admission Control (CAC), bandwidth control and management, and address translation?

- \* Gatekeeper
- \* Multipoint Control Unit
- \* Gateway
- \* IP Phone

Explanation

Gatekeeper: A gatekeeper provides Call Admission Control (CAC), bandwidth control and management, and address translation.

<http://what-when-how.com/cisco-voice-over-ip-cvoice/voip-fundamentals-introducing-voice-over-ip-networks-p>

### QUESTION 38

What are two standard fiber-optic connectors? (Choose two.)

- \* Lucent
- \* rollover
- \* subscriber
- \* multidimension
- \* crossover

### QUESTION 39

From the Diagnostics page, which two alerts are clearly marked red? (Choose two )

- \* Out of service
- \* Errors
- \* Blockage
- \* Critical
- \* Warning

#### QUESTION 40

How can the IP address of the Cisco Webex Room 70D system be found?

- \* On the Touch 10 controller screen tap System Name In the upper-left comer and tap Configurations followed by Network
- \* On the Touch 10 controller screen, tap System Name m the upper-left comer and tap Settings followed by About this device.
- \* On the Touch 10 controller screen, tap Setup in the upper-left comer and tap Settings followed by About this device
- \* On the Touch 10 controller screen tap Setup in the upper-left comer and tap Configurations followed by Network

#### QUESTION 41

Which two services are provided in a cloud deployment? (Choose two.)

- \* meeting services
- \* messaging services
- \* video devices
- \* Telepresence 3
- \* phone devices

#### QUESTION 42

From the Diagnostics page, what color is clearly marked for warnings issue

- \* yellow
- \* orange
- \* red
- \* green

Explanation

<https://www.cisco.com/c/dam/en/us/td/docs/telepresence/endpoint/ce94/room-kit-administrator-guide-ce94.pdf>

#### QUESTION 43

What can cause a MAC address mismatch when an endpoint fails to register to Cisco Unified CM?

- \* DNS server is not available
- \* MAC address is entered incorrectly
- \* Gateway address is missing
- \* Endpoint is unplugged

#### QUESTION 44

While replacing a Cisco IP phone, the technician notices that the phone is not functional The phone is receiving power from a Cisco Catalyst PoE switch, and the phone backup software image is loaded but the phone still fails to complete the bootup To recover the phone what is the next approach?

- \* verify the IP phone settings on the Cisco Unified CM
- \* contact a Cisco TAC engineer

- \* perform the factory reset on the IP phone
- \* connect the IP phone to a different VLAN on another Cisco Catalyst switch

#### QUESTION 45

What are two benefits of using the Cisco Ceiling Microphone?(Choose two)

- \* Smartphone connectivity
- \* portable
- \* directional
- \* frees up table space
- \* higher volume

<https://www.cisco.com/c/en/us/products/collateral/collaboration-endpoints/telepresence-microphones/datasheet-c78-736073.html>

#### QUESTION 46

Which command is less technical for latency?

- \* nslookup
- \* ping
- \* netstat -a
- \* traceroute

3.3 Service-Related Knowledge

### Topic: Use CLI Commands

#### Ping



```
Command Prompt
C:\>ping www.google.com
Pinging www.google.com [94.125.224.17] with 32 bytes of data:
Reply from 94.125.224.17: bytes=32 time=14ms TTL=52
Reply from 94.125.224.17: bytes=32 time=13ms TTL=52
Reply from 94.125.224.17: bytes=32 time=18ms TTL=52
Reply from 94.125.224.17: bytes=32 time=23ms TTL=52

Ping statistics for 94.125.224.17:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 13ms, Maximum = 23ms, Average = 17ms
C:\>
```

**Ping (latency is the technically more correct term)** means the time that is required for a small data set to be transmitted from your device to a server on the internet and back to your device again. The ping time is measured in milliseconds (ms).

**Step 1:** Open the command window.

**Step 2:** Type **PING** in the command dialog window.

#### QUESTION 47

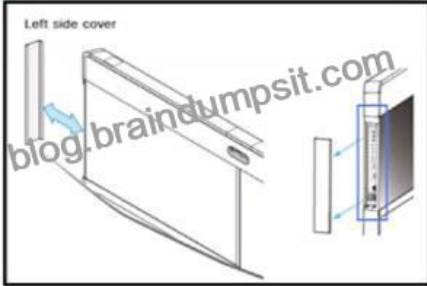
Which core component is supported by the Cisco Meeting Server 1000 and 2000, in addition to the Call Bridge, XMPP Server, and Database core components?

- \* Turn Server
- \* Load Balancer
- \* Web Bridge
- \* H.323 Gateway

<https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Installation/Cisco-Meeting-Server-2000-Installation-Guide.pdf>

## QUESTION 48

Refer to the exhibit.



Which component can be found in the Cisco Webex Room 70D system left screen? Host CPU Screen control unit POU Codec?

- \* Host CPU
- \* Screen control unit
- \* PDU
- \* Codec

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