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300-825

Implementing Cisco Collaboration Conferencing

Version 1.0

Exam A

QUESTION 1

Which Expressway-E service or protocol is required for external web app participants to join a Cisco Meeting Server version 3.0 conference as guests?

A. XMPP
B. TURN
C. SIP
D. H.323

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2

```
CMS1> ipv4 a
IPv4 configuration:
    address       10.0.101.120
    default       true
    dhcp          false
    enabled       true
    gateway       10.0.101.1
    prefixlen     24
    route         10.0.0.0/8

CMS1> ipv4 b
IPv4 configuration:
    address       192.168.2.20
    dhcp          false
    enabled       true
    gateway       192.168.2.1
    prefixlen     24
    route         192.168.0.0/16
```

```
Subnets:
    Headquarters:
        Network: 10.0.0.0/8
        Services: All allowed
    Management Network:
        Network: 192.168.2.0/24
        Services: Only HTTP, HTTPS, SSH, LDAP
    Remote Site:
        Network: 192.168.10.0/24
        Services: All allowed
```

Refer to the exhibit. An administrator troubleshoots an issue with Cisco Meeting Server. Endpoints that call from the remote site cannot connect, but endpoints that call from headquarters can connect. What should the administrator do to resolve this issue?

A. Add a route for 192.168.10.0/24 to interface b.
B. Set interface b as the default interface.
C. Remove the route for 192.168.0.0/16 from interface b.
D. Enable DHCP on interface a but not on interface b.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
An engineer configures Cisco Meeting Server as a conference resource for Cisco UCM. Cisco UCM has a secure SIP trunk to Cisco Meeting Server, but the server does not register to Cisco UCM. Which configuration resolves this issue?

A. Ensure that the SIP trunk from Cisco UCM to Cisco Meeting Server is a secure trunk using port 5061.
B. Add Cisco Meeting Server to the Cisco UCM SIP trunk with an IP address and not an FQDN.

C. Set the Web Admin port on the Conference Bridge settings to match Cisco Meeting Server.

D. Configure an MRGL that contains Cisco Meeting Server to be associated with device pools.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/213820-configure-cisco-meeting-server-and-cucm.html

QUESTION 4
```
Content-Type: application/sdp
Content-Length: 4938
v=0
o=Acano 0 0 IN IP4 10.0.101.120
s=-
c=IN IP4 10.0.101.120
b=CT:16 t=0 0
m=audio 50262 RTP/AVP 108 107 109 110 9 99 111 100 104 103 0 8 15 102 18 13 118 101
a=crypto:1 AEAD_AES_128_GCM ********************************************|2^48
a=crypto:2 AEAD_AES_256_GCM ***************************************************|2^48
a=crypto:3 AES_CM_128_HMAC_SHA1_80 ********************************************|2^48
a=crypto:4 AES_CM_128_HMAC_SHA1_32 ********************************************|2^48
<details omitted>
m=video 50264 RTP/AVP 97 116 114 96 34 31 100 121
b=TIAS:16000
a=crypto:1 AEAD_AES_128_GCM ********************************************|2^48
a=crypto:2 AEAD_AES_256_GCM ***************************************************|2^48
a=crypto:3 AES_CM_128_HMAC_sha1_80 ********************************************|2^48
a=crypto:4 AES_CM_128_HMAC_sha1_32 ********************************************|2^48
a=content:main a=sendrecv
a=sprop-source:1 count=2;policies=cs:1
a=sprop-simul:1 1 * a=rtcp-fb:* nack
pli a=rtcp-fb:* ccm fir a=rtcp-fb:*
ccm cisco-scr
a=extmap:1 http://protocols.cisco.com/virtualid a=extmap:2 http://protocols.cisco.com/framemarking a=rtpmap:97
H264/90000 a=fmtp:97 profile-level-id=42800a;max-mpbs=489600;max-fs=8160;max-cpb=4000;max-
dpd=4752;max-fps=6000
```

Refer to the exhibit. Users report that they do not see a high-quality picture on the high-definition endpoints when they call into Cisco Meeting Server. An engineer must extract the SDP that is offered by Cisco Meeting Server from the SIP traces to troubleshoot. What is the cause of this issue?

A. Cisco Meeting Server is not configured for H.265 to support high-definition video calling.

B. The AES ciphers are not compatible with high-definition video calling.

C. The Content-Length value in the SDP does not support high-definition video calling.

D. The SIP call bandwidth is not at a value that supports high-definition video calling.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
```
<?xml version="1.0"?>
<coSpace id="2cc9110e-a36a-4173-8cb5-660c3d1e7c92">
        <name>CCNP Collaboration</name>
```

```
        <autoGenerated>false</autoGenerated>
        <uri>8001</uri>
        <callId>849274932</callId>
        <passcode>1234</passcode>
        <secret>XnKexB0yWQ2iwfuoCe6AWQ</secret>
        <numAccessMethods>2</numAccessMethods>
</coSpace>
```

Refer to the exhibit. When a user dials 8001 to connect to a space that is hosted on Cisco Meeting Server, the user is prompted for a pin. The prompt says the user should press # to connect to a meeting without a pin, but guests and hosts must enter a pin before connecting to the meeting.

Which configuration change resolves this issue?

A. The secret value must be changed to be solely numeric instead of alpha-numeric.
B. The passcode must be changed to be longer than four digits.
C. All access methods that are associated with the space must be changed to include a pin.
D. A callLegProfile must be created and associated with the space so that pins are not optional.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/213552-configure-and-troubleshoot-guest-and-hos.html#anc10

QUESTION 6
An administrator wants to automatically schedule conferences with a cluster of Cisco Meeting Server devices that are managed with Cisco TMS.

How should Cisco TMS be configured to accomplish this goal?

A. After the Cisco Meeting Server cluster is added, the Cisco TMS should failover an active conference to a different Cisco Meeting Server.
B. After the first Cisco Meeting Server is added, all servers in the cluster should automatically be detected.
C. When the first Cisco Meeting Server is added, the system name should automatically be detected.
D. After the Cisco Meeting Server cluster is added, the primary Cisco Meeting Server should automatically failover to another cluster member.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
An engineer must configure Cisco Meeting Server integration to Cisco UCM. Which DNS A record must be configured to accomplish this goal?

A. Call Bridge
B. SRV
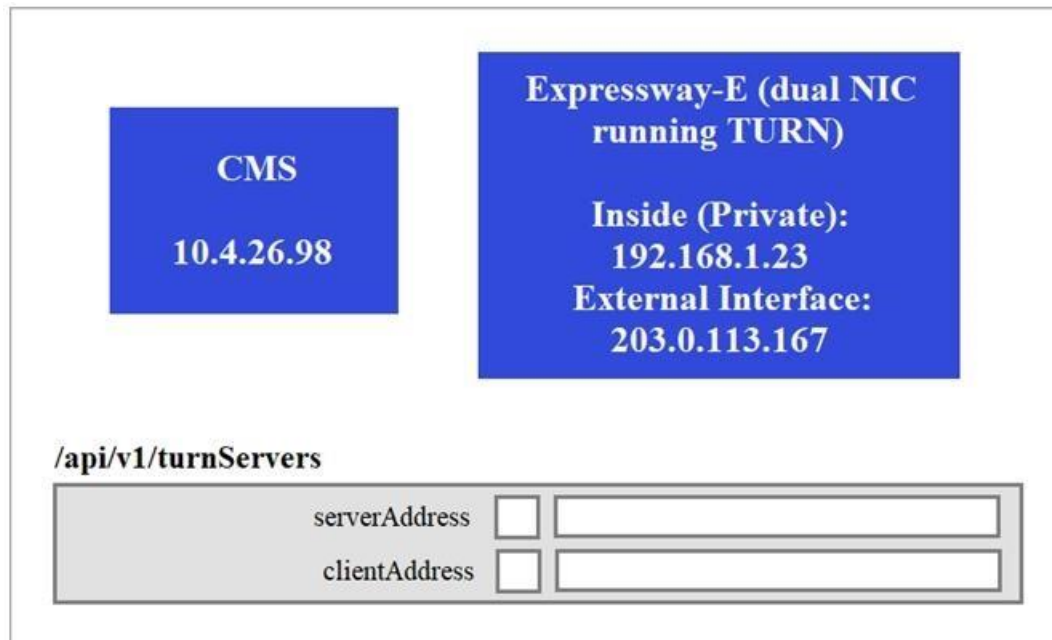C. Conference Name
D. Cisco UCM Subscriber

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/213821-configure-and-integrate-cms-single-combi.html

QUESTION 8

Refer to the exhibit. A company wants external users to use the web app, and the administrator must configure TURN. Which two values for clientAddress and serverAddress should the administrator configure? (Choose two.)

A. Client Address - 203.0.113.167
B. Server Address - 10.4.26.98
C. Server Address - 192.168.1.23
D. Client Address - 192.168.1.23
E. Client Address - 10.4.26.98
F. Server Address - 203.0.113.167

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-10/CMS-Web-Proxy-Deployment-Guide_X8-10.pdf

QUESTION 9 In the Cisco TMS GUI, a Cisco UCM registered system shows
these error details:

▪ Provisioning mode is set to Cisco UCM for this system.
▪ The system cannot be refreshed or scheduled.
▪ To manage this system as a Cisco TMS system, the provisioning mode needs to be changed to Cisco TMS.
▪ To add the system as Cisco UCM managed system, it must be added through the Cisco UCM that is provisioning the system.

What should be done to resolve this error?

A. Purge the system in Cisco TMS and add the system back directly to Cisco TMS using "Add by IP Address".
B. Restart Microsoft IIS on the Windows server that hosts Cisco TMS and perform a "Force Refresh" on the system.
C. Delete the system and add the system back with the "Add from Cisco UCM or Cisco TMS" option.
D. Update the credentials for the system in Cisco TMS.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 10

DNS lookup

DNS lookup

Host: _cms-web._tls.join.darmckin.local

Query type: All

Lookup

Query type	Name	Type	Response
SRV	_cms-web._tls.join.darmckin.local.	SRV	0 0 445 cms1.darmckin.local.

Refer to the exhibit. An administrator configures Expressway-C to act as a proxy for a Cisco Meeting Server web app. Which configuration must exist on the Cisco Meeting Server that runs the web app to complete this integration?

A. web app running on port 445
B. HTTP redirect disabled on the web app
C. matching authentication combinations on the web app and Expressway-C
D. Common Name of "_cms-web._tls.join.darmckin.local" on the certificate in use

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
An administrator notices that the Cluster section is not available under the configuration menu in the Cisco Meeting Server web interface. There are three Cisco Meeting Server servers that must run Call Bridge and database services in a

single cluster. Which configuration should be completed?

A. Certificates must be configured on the Call Bridge.
B. Call Bridge groups must be created in the API.
C. Call Bridges must be connected to a database cluster.
D. Call Bridge clustering must be configured in the CLI.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/210530-configure-cisco-meeting-server-call-brid.html

QUESTION 12
After performing an upgrade of the Cisco Meeting Server cluster, an engineer sees an error message indicating that Cisco Meeting Server is not licensed. Also, no spaces or users show in the GUI. What should be done to resolve this issue?

A. The **database cluster upgrade_schema** command must be run on the new database cluster master.
B. The Cisco Meeting Server nodes must be re-upgraded using the same file to upgrade all nodes.

C. The Cisco Meeting Server nodes must be re-upgraded with the database master being first and then all peers.
D. New database certificates must be generated for each peer in the cluster.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Release_Notes/Version-3-0/Cisco-Meeting-Server-Release-Notes-3-0.pdf

QUESTION 13
An engineer configures Cisco Meeting Server with Expressway for external web app access and must enable participants to use the web app to join conferences that are hosted on the meeting server. Which service should be used in the Expressway-E accomplish this goal?

A. Cisco Meeting Server
B. SIP
C. XMPP server
D. TURN

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Installation/Cisco-Meeting-Server-Deployment-Planning-and-Preparation-with-Expressway-Guide.pdf

QUESTION 14 A customer has a collaboration solution on-premises and is considering a cloud solution for the enterprise. Which collaboration method should be deployed to protect the existing investment and extend collaboration to the cloud?

A. Continue to use the on-premises solution and add a cloud solution in parallel.
B. Refresh hardware and software with the latest releases.
C. Decommission on-premises equipment and flash cut to a cloud solution.
D. Move to a hybrid that integrates an existing solution with a cloud solution.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en_in/solutions/collaboration/cloud-collaboration/index.html#~stickynav=1

QUESTION 15
An administrator performs a major upgrade of a Cisco Meeting Server cluster that contains multiple database nodes. Which step ensures that the Call Bridge can use the database?

A. The command **database cluster initialize** must be run on the master database node.
B. The master database node must be the first server to complete the upgrade process.
C. The command **database cluster upgrade_schema** must be run on the master database node.
D. The master database node must create a new database cluster and join the peer servers.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/210530-configure-cisco-meeting-server-call-brid.html

QUESTION 16 What is the default maximum resolution for the
internal streamer?

A. 720p
B. 1440p C. 1080p
D. 480p

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Release_Notes/Version-3-0/Cisco-Meeting-Server-Release-Notes-3-0.pdf

QUESTION 17 To which two places should an administrator go to view an upcoming meeting scheduled on Cisco Meeting
Server? (Choose two.)

A. Cisco Meeting Server MMP interface
B. Cisco Meeting Management meetings interface
C. Cisco Meeting Server web user interface
D. Cisco Meeting Server API
E. Cisco TMS interface

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/Cisco-Meeting-Management/User-Guide/Cisco-Meeting-Management-3-1-User-Guide-Video-Operator.pdf

QUESTION 18 What is the purpose of the Call Bridge service within Cisco
Meeting Server?

A. It connects users from their web browsers into meetings that are hosted on Cisco Meeting Server.
B. It replicates database information between all nodes in the cluster.
C. It converts RTP media into MP4 files that can be distributed for replay.
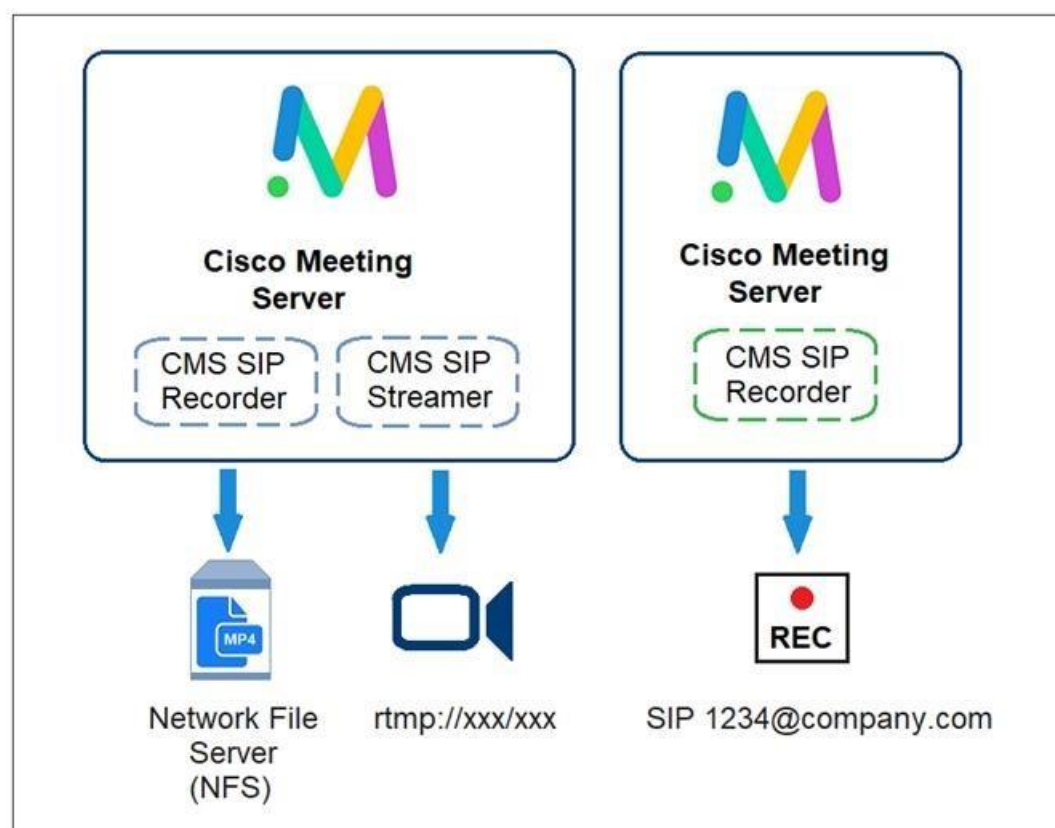D. It is the core conferencing service and manages media and signaling.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19

Refer to the exhibit. Which two features are supported in the Cisco Meeting Server recording and streaming solution? (Choose two.)

A. editing recordings
B. portal to access recordings
C. 1080p resolution for streamingD. changing layouts
E. closed captioning in streaming

Correct Answer: DE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/solutions/PA/mcp/DEPLOYMENT_MEETINGS-CWMS_to_CMS.pdf

QUESTION 20

Webbridge 1	Webbridge 2	Webbridge 3
IP:192.168.1.23 FQDN: webbridge1.web.com	IP:192.168.1.24 FQDN: webbridge2.web.com	IP:192.168.1.25 FQDN: webbridge3.web.com
Webadmin Port: 445 Webbridge3 HTTPs Port: 443 Webbridge3 C2W Port: 4444	Webadmin Port: 445 Webbridge3 HTTPs Port: 443 Webbridge3 C2W Port: 4444	Webadmin Port: 445 Webbridge3 HTTPs Port: 443 Webbridge3 C2W Port: 4444
Webbridge3 C2W Certificate SANs: join.web.com webbridge1.web.com	Webbridge3 C2W Certificate SANs: join.web.com webbridge2.web.com	Webbridge3 C2W Certificate SANs: join.web.com webbridge3.web.com

Cluster Join FQDN: join.web.com
Resolves to:
192.168.1.23
192.168.1.24
192.168.1.25

Refer to the exhibit. An administrator wants to set up three Web Bridges in a Cisco Meeting Server cluster. After the Web Bridge API object for Web Bridge 1 is configured, this error occurs in the Cisco Meeting Server logs: "C2W connection to 'c2w://join.web.com:443' failed (connect failure)".

What should the administrator change to fix this issue?

A. c2w://192.168.1.23:4444
B. c2w://192/168/1/23:443
C. c2w://webbridge1.web.com:4444
D. c2w://webbridge1.web.com:443

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server-1000/216028-how-to-configure-webbridge-3-on-cms.pdf

QUESTION 21 Which two protocols should be used to back up Cisco Meeting
Server? (Choose two.)

A. SIP
B. SFTP
C. HTTPS
D. HTTP
E. SSH

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
How should an administrator configure Skype for Business to work with a Cisco Meeting Server cluster?

A. with the CsTrustedApplicationPool on the Lync/Skype server to specify the Cisco Meeting Server Web Admin FQDN

B. with the CsTrustedApplication Pool on the Lync/Skype server to specify port 5060
C. with CsStaticRoute on the Lync/Skype server to the first Call Bridge in the cluster
D. with the CsTrustedApplication Pool ComputerFqdn to the first Call Bridge in the cluster

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/212217-configure-cisco-meeting-server-and-skype.html#anc13

QUESTION 23
An administrator must create conference resources for phones that are registered to Cisco UCM. The administrator adds Cisco Meeting Server as a Conference Bridge to Cisco UCM to accomplish this task. Where should the administrator add the Conference Bridge to allow phones to use Cisco Meeting Server for conferences?

A. to a device pool
B. to a media resource group
C. to a SIP trunk
D. to a security profile

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/213820-configure-cisco-meeting-server-and-cucm.html

QUESTION 24
An engineer plans a Cisco Meeting Server deployment for a small company that has 60 percent of its employees working on site and 40 percent working remotely. The company security policy limits core server access to internal clients. Which deployment model should be used?

A. Single Combined
B. Single Split
C. Cluster
D. Scalable and Resilient

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cmslab.ciscolive.com/pod7

QUESTION 25
A company that uses Cisco Meeting Management wants to be able to look up contracts when it adds participants to a meeting and to view scheduled meetings before they start. Which two pieces of information are necessary for the integration that accomplishes this goal? (Choose two.)

A. Cisco Meeting Server MAC address
B. extra Cisco TMS license
C. Cisco TMS login credentials
D. primary Call Bridge certificate
E. Cisco TMS FQDN or IP address

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
How should an administrator configure Cisco Meeting Server to limit the number of participants of all conferences to 10?

A. Set participantLimit to 10 in callProfile and apply the callProfile to the system.
B. Set participantLimit to 10 in callProfile and apply the callLegProfile to the coSpace.
C. Set participantLimit to 10 in callLegProfile and apply the callLegProfile to the system.
D. Set participantLimit to 10 in callProfile and apply the callProfile to the coSpace.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Reference_Guides/Version-3-0/Cisco-Meeting-Server-API-Reference-Guide-3-0.pdf

QUESTION 27
Cisco Meeting Manager is deployed with an LDAP server that is configured with domain lab.local and search attribute sAMAaccountName. Which format should be used to log in to an account with the username "cmsadmin" in this deployment?

A. cmsadmin
B. lab.local\cmsadmin
C. cmsadmin@lab.local
D. lab\cmsadmin

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/215910-configuring-ldap-users-on-cisco-meeting.html

QUESTION 28 What is one of the ways Cisco TMS
redundancy is configured?

A. Set up three Cisco TMS servers by using F5 BIG-IP for load balancing IP traffic.
B. Set up one Cisco TMS server with an SQL database for automatic failover.
C. Set up one Cisco TMS server by using a Hot Standby model.
D. Set up two Cisco TMS servers with a network load balancer in front.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
DRAG DROP

Drag and drop the tasks from the left into the order on the right to install Cisco Meeting Server version 3.0.

Select and Place:

Correct Answer:

Section: (none)

Explanation
Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/Cisco-Meeting-Management/Installation/Cisco-Meeting-Management-3-0-Installation-and-Configuration-Guide.pdf

QUESTION 30 What is a benefit of using a cloud-based
collaboration solution?

A. additional capital expenditure to budget
B. reduced administrative overhead to maintain
C. reduced operational expenditure to scale
D. granular meeting management for operators

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 Which two data points must be included in the subject alternate names for a Cisco Meeting Server certificate?
(Choose two.)

A. URI of spaces that are hosted on the Call Bridge
B. FQDN that is used to communicate with the service
C. Common Name of the certificate
D. administrator code and contract information
E. subject of the certificate

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32 When should self-signed certificates be generated from the MMP of Cisco
Meeting Server?

A. when testing Cisco Meeting Server configurations
B. when Cisco Meeting Server is integrated with a Skype for Business Front End Pool
C. when Call Bridges reside within the internal network
D. when a Cisco Meeting Server is added as a Conference Bridge to Cisco UCM

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Deployment_Guide/Version-2-9/Certificate-Guidelines-Single-Combined-Deployment-2-9.pdf

QUESTION 33 To which Skype for Business service does Cisco Meeting Server send media in dual-
homed meetings?

A. UserServer
B. ClsAgent
C. W3SVCD. AVMCU

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/apjc/docs/2019/pdf/BRKCOL-3111.pdf

QUESTION 34 A corporation must configure Cisco TelePresence Management Suite Extension for Microsoft Exchange for users to schedule meetings with Outlook.

What must be configured to accomplish this goal?

A. Cisco UCM endpoints
B. a client certificate and password to interact with Active Directory
C. Room mailboxes dedicated for the use of TelePresence scheduling
D. Cisco TMS provisioning extension

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35

| Warning | The CDR receiver address is not specified and cannot be added as a CDR receiver to cms1.pod1.local |
| Warning | The CDR receiver address is not specified and cannot be added as a CDR receiver to cms2.pod1.local |

Refer to the exhibit. Which action resolves the Cisco Meeting Server warnings?

A. Add Cisco Meeting Server by both IPv6 and IPv4 addresses to have Cisco Meeting Management set itself as a receiver.
B. Configure the CDR receiver address in the Cisco Meeting Management settings.
C. Set the CDR receiver as an IP address and not as an FQDN.
D. Change the Cisco Meeting Server permissions in Cisco Meeting Management to allow Cisco Meeting Management to set itself as a receiver.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://meeting-infohub.cisco.com/olh/meeting-management/3-1/meetings/notifications_op.htm?TocPath=Manage%20meetings%7C_____5

QUESTION 36
cms1> webadmin
Enabled   **: true**
TLS listening interface   **: a**
Key listening port   **: 445**
Key file   **: webadmin.key**
Certificate file   **: webadmin.crt**
HTTP redirect   **: Disabled**

```
STATUS                              : webadmin running
cms1> pki inspect webadmin.crt Checking ssh public
keys . . . not found
Checking user configured certificates and keys . . . found
File contains a PEM encoded certificate
Certificate:
  Data:
    Version: 3 (0x2)
    Serial Number: 638104639 (0x2608b43f)
    Signature Algorithm: sha256WithRSAEncryption
Issuer: 0=Cisco Systems, Inc.
    Validity
        Not Before: Dec 4 11:58:31 2020 GMT
Not After   : Dec 3 11:58:31 2025 GMT
Subject : 0=Cisco Systems, Inc      Subject
Public Key Info:
        Public Key Algorithm: rsaEncryption
RSA Public-Key: (2048 bit)          Modulus:
        00 : 9e : c9 : 0e :ba : 1d : 5b : 10 : f7 : 6c : 0d : 9a : 9e : 37 : 8d :
91 : b1 : d8 : 91 : 63 : 1e : 9b : e3 : 19 : 6e : 9e : f7 : d1 : c9 : fe :
        91 : 9d : c4 : 55 : 32 : 77 : 98 : f1 : 81 : fd : c3 : 55 : b5 : 04 : 1a :
3c : fb : b9 : 67 : 6c : eb : 66 : 23 : 91 : 5a : 8f : 25 : 4e : 59 : 8f :
```

Refer to the exhibit. An engineer tries to configure Cisco Meeting Server as a Conference Bridge on the Cisco UCM, but the Conference Bridge does not register. Which configuration step should be completed?

A. HTTP redirection must be enabled for Web Admin.

B. A CA signed certificate must be issued and installed for Web Admin.

C. Web Admin must be configured to run on TCP port 443.

D. SSH public keys must be installed.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
An administrator has video devices and an Expressway infrastructure with the SIP domain of cisco.com. A cluster of Cisco Meeting Servers is added to the network for conferencing purposes to utilize a SIP domain of spaces.cisco.com, and calls must be routed from the endpoints to meetings on the server. What should be configured to accomplish this goal?

A. outbound call rule on Cisco Meeting Server that matches @spaces.cisco.com and targets spaces

B. incoming call rule in Cisco Meeting Server that matches @cisco.com and targets the SIP trunk to Expressway-C

C. search rule on Expressway-C that sends calls for @spaces.cisco.com to the Cisco Meeting Server neighbor zoneD. search rule on Expressway-E that sends calls for @cisco.com to the DNS zone

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/expressway/config_guide/X8-11/Cisco-Meeting-Server-2-4-with-Cisco-Expressway-Deployment-Guide_X8-11-4.pdf

QUESTION 38 Which component does the Cisco Meeting Server web app use for
firewall traversal?

A. XMPP server

B. MMP interface

C. TURN server

D. Call Bridge

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Deployment_Guide/Version-2-9/Cisco-Meeting-Server-2-9-Single-Split-Server-Deployment.pdf

QUESTION 39
User A is attempting to call User B. Both phones are registered to Cisco UCM. User A tries to add a third caller to the conversation but cannot complete the conference. Calls from User A into a Cisco Meeting Server space are working. Upon troubleshooting, it is discovered that the issue is caused by Cisco UCM not trusting a certificate. What certificate must be trusted by Cisco UCM to resolve this issue?

A. Database
B. Web Admin
C. Call Bridge
D. Web Bridge

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/LABCRT-2201.pdf

QUESTION 40

call 16 (John Smith): video round trip time of 1729 ms observed...

Refer to the exhibit. An administrator receives this log entry from a web user. In which two ways should the administrator gather diagnostic information? (Choose two.)

A. Generate a call diagnostics file from logbundle.tar.gz using SFTP.
B. Download the diagnostics file from the computer of the web app user.
C. Generate a call diagnostics file from the MMP.
D. Use an API to download the diagnostics file.
E. Download the diagnostics file from the Web Admin.

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingApps/Troubleshooting/Troubleshooter.pdf

QUESTION 41 An organization wants to ensure that off-premises users can use a browser to join the Cisco Meeting Server web app without needing additional software. What must be included in the Expressway-E certificate to accomplish this goal?

A. the Call Bridge name as a SAN
B. the Web Admin interface FQDN as a SAN
C. the name of each Cisco Meeting Server that is part of the cluster
D. the Guest account client URI as a SAN

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42

```
guest login request 562763450: resolution in progress
guest login request 562763450: call ID lookup scheduled
guest login request 562763450: resolution in progress
guest login request 562763450: credential storage scheduled (queue length: 1)
created guest account with user ID "quest487660227" guest login request
562763450: credential storage executed guest login request 562763450:
credential storage in progress guest login request 562763450: successfully
stored credentials instantiating user "guest487660227"
conference f5771a88-0f36-4b58-8dbd-934aaa579ebf: locked due to lack of lock consensus
conference f5771a88-0f36-4b58-8dbd-934aaa579ebf: lock state has changed to locked
API "3.0 Record Test Space" Space GUID: 71b4f99f-2365-4730-b3d9-d2d61505150c <--> Call Correlator GUID: 334b0c10-6f85-4760-97abconference
f5771a88-0f36-4b58-8dbd-934aaa579ebf: lock state has changed to unlocked
starting automatic recording (space "3.0 Record Test Space")
API call leg 121d2c87-6940-4483-8d3d-71ff162947ba in call f5771a88-0f36-4b58b8dbd-934aaa579ebf (API call 5a0a7f49-78f8-46fd-add9-4a
conference f5771a88-0f36-4b58-8dbd-934aaa579ebf has control/media GUID: d7f2d940-c7d9-4421-8f13-7bf94756b08a
conference f5771a88-0f36-4b58-8dbd-934aaa579ebf named "3.0 Record Test Space" unable to start recording -
recorder URI not configured new session created for user "guest487660227"
call 49: allocated for guest487660227 "Web" conference participation call 49:
configured - API call leg 121d2c87-6940-4483-8d3d-8d3d-71ff162947ba call 49:
setting up combined RTP session for DTLS (combined media and control)
participant "quest487660227" joined space 71b4f99f-2365-4730-b3d9-d2d61505150c (3.0 Record Test Space)
participant "quest487660227" (121d2c87-6940-4483-8d3d-71ff162947ba) joined conference f5771a88-0f36-4b58-8dbd-934aaa579ebf via W
call 49: starting DTLS combined media negotiation (as initiator) call 49: completed DTLS combined media negotiation invalid API
operation - unhandleable URI /api/v1/recorders user "guest487660227": deactivating due to session resource teardown call 49:
tearing down ("guest487660227" conference media)
call 449: destroying API call leg 121d2c87-6940-4483-8d3d-71ff162947ba
```

Refer to the exhibit. An administrator tries to implement a recording with a Cisco Meeting Server version 3.0 deployment. A separate VM is deployed and configured with the recorder service. During testing, it is discovered that the recording is failing, and the administrator collects logs.

Which configuration step should be completed?

A. In the coSpace configuration, a secondaryUri must be configured.
B. In the callLegProfile, recordingControlAllowed must be set to true.
C. In the Outbound dial rules, the recording domain must have a rule.
D. In the CallProfile, the sipRecorderUri must be configured.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
DRAG DROP

A Cisco Meeting Server administrator upgrades a cluster but encounters an issue that requires downgrading to a previous version. Drag and drop the MMP commands from the left into the order on the right to perform the downgrade. Not all options are used.

Select and Place:

Correct Answer:

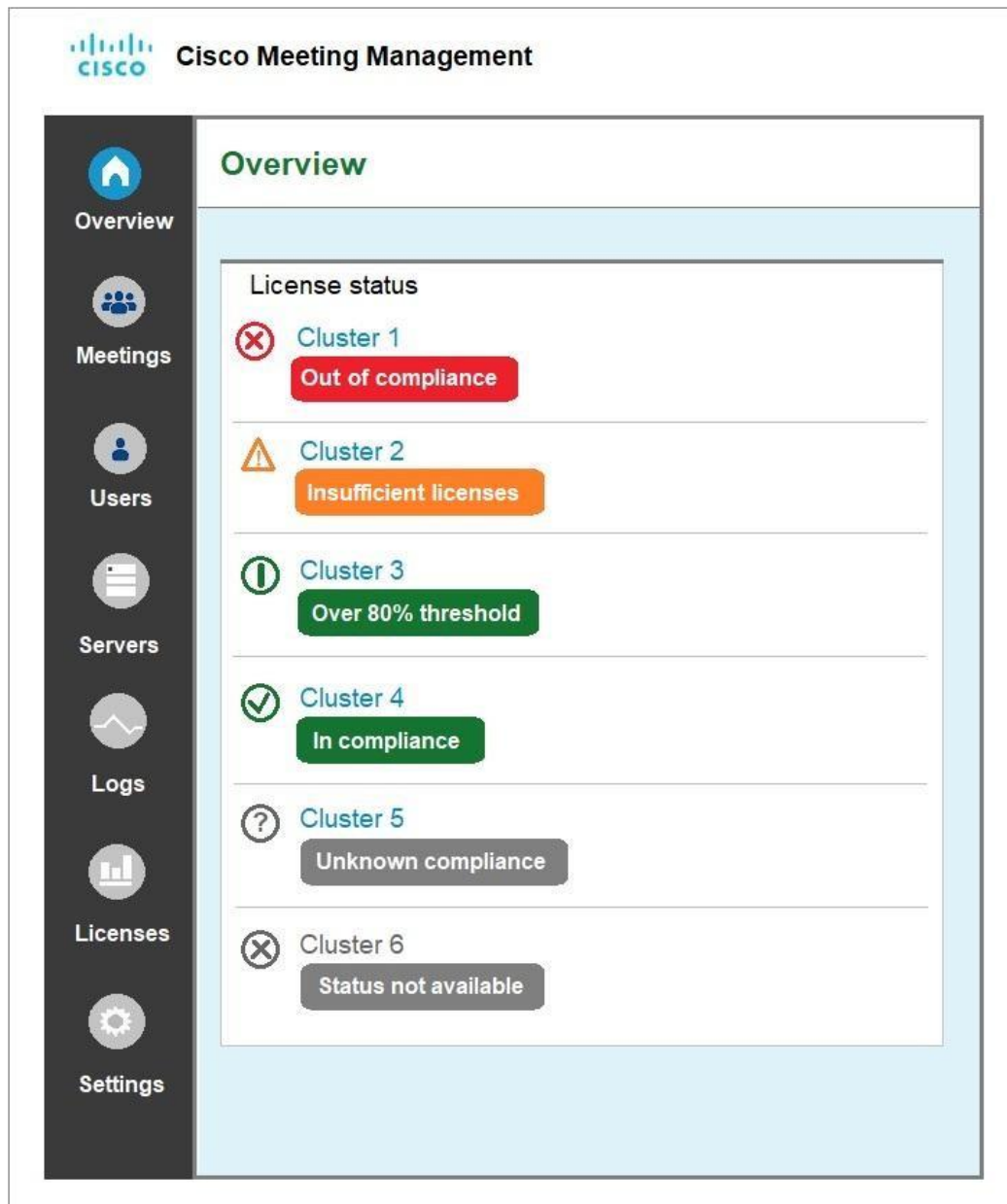**Section: (none)**
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/214620-upgrade-downgrade-cms-server.html#anc11

QUESTION 44
A Cisco Meeting Server cluster is deployed across three data centers. One is headquarters, and two are branch offices. Which database deployment is ideal for geo-redundancy in multiple locations?

A. three database nodes in the headquarters data center
B. two database nodes in the headquarters data center and one database node in each branch data center
C. two database nodes in each branch data center
D. one database node in each data center

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Deployment_Guide/Version-3-1/Cisco-Meeting-Server-3-1-Scalable-and-Resilient-Deployment.pdf **QUESTION**

45

Refer to the exhibit. What does this notification indicate about activity over the last 90 days?

A. In cluster 2, more licenses have been used than are installed for less than 15 days.
B. In cluster 3, the license agreement will remain in compliance for 20 more days.
C. In cluster 4, at least 5 percent of the installed licenses have not been used.
D. In cluster 6, the license agreement has been out of compliance for more 30 days.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46 Which rule is required for Skype for Business users to use spaces on a cluster of Cisco
Meeting Servers?

A. an outbound call rule that maps the local contract domain as the cluster FQDN
B. an outbound call rule that sets each domain to use pass through as the caller ID
C. an inbound call rule that sets each domain to use pass through as the caller ID
D. an inbound call rule that matches the domain that users are calling

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/212217-configure-cisco-meeting-server-and-skype.html

QUESTION 47 Which source does Cisco Meeting Management integrate with to get a
directory provisioned?

A. UDS in Cisco UCM
B. phonebook service in Cisco TMS
C. external LDAP
D. user directory on Expressway-C

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48

HTTPS Interface Info

☐ Override SIP Trunk Destination as HTTPS Address

Hostname/IP Address

1 [ ] ⊞

Username* `admin`

Password* `●●●●●`

Confirm Password* `●●●●●`

HTTPS Port* `443`

Refer to the exhibit. An administrator adds Cisco Meeting Server as a Conference Bridge in Cisco UCM. Which Cisco Meeting Server value must be 443?

A. XMPP Server port
B. Web Bridge portC. Call Bridge port
D. Web Admin port

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/conferencing/meeting-server/213820-configure-cisco-meeting-server-and-cucm.html **QUESTION**

49

Unable to access Cisco TMS

Unspecified error, check logs for details.

Please contact your Cisco TMS administrator or try again later.

Refer to the exhibit. An administrator tries to access Cisco TMS GUI and sees this error message. Which step resolves this issue?

A. Restart the Windows server that hosts Cisco TMS.
B. Connect to the Windows server that hosts Cisco TMS and manually review the service logs.
C. Navigate directly to the Cisco TMS server maintenance page and download diagnostic files.
D. Restart World Wide Web Publishing Service on the Windows server that hosts Cisco TMS.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
In a cluster of Cisco Meeting Servers, one of the peer servers has the FQDN CMS1.local, and the web admin is running on 445. Which server address must be configured in the clustered Call Bridges page?

A. http://cms1.local
B. https://cms1.local
C. https://cms1.local:445
D. http://cms1.local:445

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51 `outgoing SIP TLS data to 10.0.101.111:5061 from`
`10.0.101.121:43332, size 5430:`
`BEGINNING OF MESSAGE`
`INVITE sip:jabberuser@pod1.local SIP/2.0`
`Via: SIP/2.0/TLS 10.0.101.121:5061;branch=z9hG4bK6e7932e8ae287a80ee699eb04a6155a2`
`Call-ID: cf600c54-974c-48e5-92e2-95b1d4b9218f`
`CSeq: 1199885731 INVITE`
`Max-Forwards: 70`
`Contact: <sip:8001@10.0.101.121;transport=tls>;isFocus`
`To: <sip:jabberuser@pod1.local>`
`From: "CCNP Collaboration" <sip:8001@pod1.local>;tag=73a834a850d8ed13`
`Replaces: 5e158900-10001-ee62f-0@10.0.101.111;to-tag=1769141~ba2cc769-5032-4f8f-a864-9a51`
`Allow: INVITE, ACK, CANCEL, OPTIONS, INFO, BYE, UPDATE, REFER, SUBSCRIBE, NOTIFY, MESSAGE`
`Supported: timer, X-cisco-callinfo`
`Session-Expires: 1800`
`Min-SE: 90`
`User-Agent: Acano CallBridge`
`<SDP omitted>`
`END OF MESSAGE`

`incoming SIP TLS data from 10.0.101.111:5061 to 10.0.101.121:43332, size 402:`
`BEGINNING OF MESSAGE`
`SIP/2.0 403 Forbidden`
`Via: SIP/2.0/TLS 10.0.101.121:5061;branch=z9hG4bK6e7932e8ae287a80ee699eb04a6155a2`
`From: "CCNP Collaboration" <sip:8001@pod1.local>;tag=73a834a850d8ed13`
`To: <sip:jabberuser@pod1.local>;tag=252834177`
`Date: Mon, 30 Nov 2020 18:25:12 GMT`
`Call-ID: cf600c54-974c-48e5-92e2-95b1d4b9218f`
`CSeq: 1199885731 INVITE`
`Allow-Events: presence`
`Server: Cisco-CUCM12.5`
`Content-Length: 0`
`END OF MESSAGE`

Refer to the exhibit. Some calls fail to connect after an engineer implements load balancing for a Cisco Meeting Server cluster. The engineer determines that if a call leaves Cisco UCM using the Cisco Meeting Server 1 SIP trunk, but the conference is already hosted on Cisco Meeting Server 2, then the call fails. If the call leaves Cisco UCM using the Cisco Meeting Server 2 SIP trunk, but the conference is already hosted on Cisco Meeting Server 1, then the call fails. What is the cause of the issue?

A. Cisco UCM is configured with the wrong X.509 certificate name for the Call Bridge.
B. Cisco UCM is sending calls to a Cisco Meeting Server when the calls are hosted on another Call Bridge in the same cluster.
C. The Cisco UCM SIP trunk security profile is not configured to accept the replaces header.
D. Cisco UCM does not have a SIP trunk to the Call Bridge.

Correct Answer: B
Section: (none)

Explanation
Explanation/Reference:

QUESTION 52 A company wants to keep conferencing resources isolated and local for a new branch. The branch has one administrator for both internal and external traffic. Which Cisco Meeting Server deployment should be used?

A. Scalable and Resilient Cisco Meeting Server
B. Cisco Meeting Server Edge
C. Single Combined Cisco Meeting Server
D. Single Split Cisco Meeting Server

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
DRAG DROP

Drag and drop the options from the left into the order on the right to make the call flow connect an endpoint that is registered to Cisco UCM to a Cisco Meeting Server meeting. Not all options are used.

Select and Place:

Correct Answer:

Section: (none)
Explanation

Explanation/Reference:

QUESTION 54 What is the maximum number of full HD external web app calls that is supported per large
OVA Expressway?

A. 800
B. 600
C. 150
D. 200

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55 Which type of zone should be configured on the Expressway-C to route calls to Cisco Meeting
Server spaces?

A. ENUM
B. DNS
C. traversalD. neighbor

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56

Refer to the exhibit. A Cisco Meeting Management operator reports that there is a delay in seeing participants join and leave in the participant list, and there are issues with audio and video mute operations. The administrator investigates and sees notifications in Cisco Meeting Management.

Which step resolves this issue?

A. Free a CDR slot on Cisco Meeting Server.
B. Set the CDR address in Cisco Meeting Management under Settings > CDR.
C. Manually set the Cisco Meeting Management CDR address in Cisco Meeting Server and Cisco Meeting Management.
D. Change the CDR address to use HTTPS.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
An administrator sets up conference resources by using a clustered Cisco Meeting Server deployment for video endpoints that are registered to Expressway. The administrator must ensure that no single server gets overloaded within the cluster. What should be configured to accomplish this goal?

A. a record with the cluster FQDN of the Cisco Meeting Server in the external DNS servers.
B. Expressway-C as the traversal client to Expressway-E.
C. Cisco Meeting Server and Expressway-C in the same domain.
D. a separate zone for Cisco Meeting Server servers in the cluster.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58
An administrator configures a Call Bridge to record meetings. Which two configuration elements tell the Call Bridge where to find the recording server? (Choose two.)

A. tenants
B. IVR
C. DTMF combination
D. sipRecorderUriE. outbound rules

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/conferencing/ciscoMeetingServer/Deployment_Guide/Version-3-0/Cisco-Meeting-Server-3-0-Single-Combined-Server-Deployment.pdf

QUESTION 59

Refer to the exhibit. Two participants are in a conference together. On which call leg and direction does the packet loss occur?

A. from Cisco Meeting Server to the web app
B. from Cisco Meeting Server to the SIP clientC. from the web app to Cisco Meeting Server
D. from the SIP client to Cisco Meeting Server

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference: