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**QUESTION 1**

Which option describes what happens to the local copies of Call Detail Records files on the Cisco Unified CM subscribers after they are transferred to the publisher?

- A. They will be compressed and backed up.
- B. They will be deleted.
- C. They will be deleted only after the subscriber received notification that the publisher has also deleted the correspondent files.
- D. They will remain on the subscriber server until overwritten by new CDR files.
- E. They will be compressed and then stored on the subscriber servers.

Correct Answer: B

QUESTION 2

The Director of Information Security of your company wants to log all calls when a user's phone goes off-hook and immediately back to on-hook in Call Detail Records.

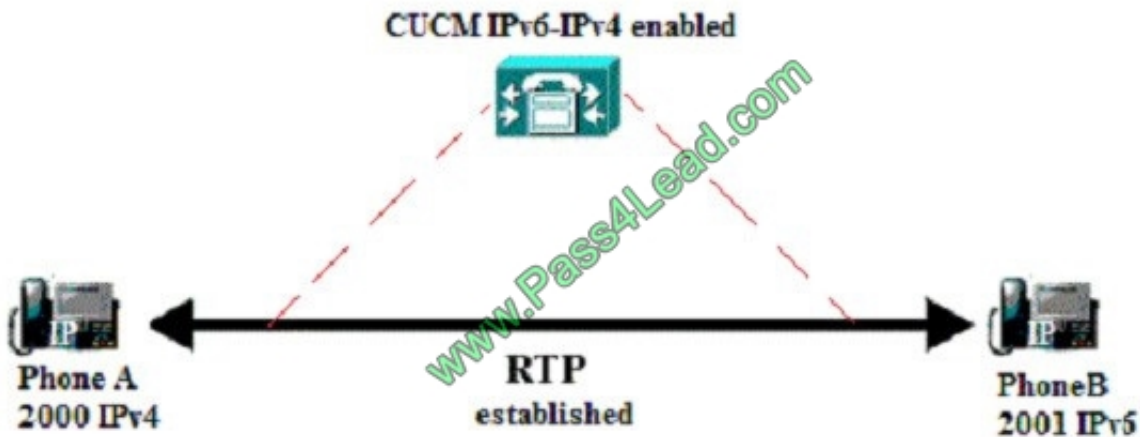
Which option is the minimum Cisco Unified CM Service Parameter configuration that is needed to ensure compliance to this policy?

- A. Set CDR Enabled Flag to True and set Call Diagnostics Enabled to Enable Only When CDR Enabled Flag is True.
- B. Set CDR Enabled Flag to True and set Call Diagnostics Enabled to Enable Regardless of CDR Enabled Flag.
- C. Set CDR Log Calls with Zero Duration Flag to True.
- D. Set CDR Enabled Flag to True.
- E. Set CDR Enabled Flag and CDR Log Calls with Zero Duration Flag to True.

Correct Answer: D

QUESTION 3

Refer to the exhibit. IP phone A makes a call to IP phone B and an RTP voice stream is successfully established between the endpoints. Which option describes how to accomplish this call on phones with incompatible IP addressing versions?



- A. Enable Alternative Network Address Types
- B. Set the Common Device Configuration to Ipv4 and IPv6
- C. Assign a Media Resource Group with available MTPs
- D. Configure the IP Addressing Mode Preference for Signaling to IPv4

Correct Answer: C

QUESTION 4

What is the maximum number of subclusters supported on a Cisco IM and Presence server?

- A. 3
- B. 5
- C. 2
- D. 1
- E. 4

Correct Answer: A

QUESTION 5

The iLBC codec operates at 38 bytes per sample per 20-millisecond interval. What is its codec bit rate in kilobits per second?

- A. 6.3
- B. 13.3
- C. 15.2



D. 16

E. 24

Correct Answer: C

The internet Low Bit Rate Codec (iLBC) is designed for narrow band speech and results in a payload bit rate of 13.33 kbits per second for 30-millisecond (ms) frames and 15.20 kbits per second for 20 ms frames. When the codec operates at block lengths of 20 ms, it produces 304 bits per block, which is packetized as defined in RFC 3952. Similarly, for block lengths of 30 ms it produces 400 bits per block, which is packetized as defined in RFC 3952. The iLBC has built-in error correction functionality to provide better performance in networks with higher packet loss.

QUESTION 6

Refer to the exhibit. The CLI output displayed when an IT engineer upgraded Cisco Unified Communications Manager to version 9.1.2. Which three actions must be taken to correct the issue? (Choose three.)

```
VMware Installation:
2 vCPU: Intel(R) Xeon (R) CPU E5-2680 0 @ 2.70GHz
Disk 1: 80 GB, ERROR-UNSUPPORTED: Partitions unaligned
Disk 2: 80 GB, ERROR-UNSUPPORTED: Partitions unaligned
6144 Mbytes RAM
```

- A. Download Cisco Unified CM Recovery ISO, boot the virtual machine from it, and verify the disk partitioning layout.
- B. Create a new virtual machine with the Cisco OVA template and do a fresh install with the Cisco Unified CM bootable Iso.
- C. From the Recovery Disk Menu options, select option [F] to check and correct disk file system.
- D. Take a backup of the system with Disaster Recovery System.
- E. From the Recovery Disk Menu options, select [A] to align the partitions of the virtual machine.
- F. From the Recovery Disk Menu options, select [Q] to quit recovery program and reboot the virtual machine.
- G. Log in to the DRS and perform a Cisco Unified CM restore from the backup.

Correct Answer: BDG

QUESTION 7

Which Cisco IM and Presence service is responsible for logging all IM traffic that passes through the IM and Presence server to an external database for IM compliance?

- A. Cisco Presence Engine
- B. Cisco Serviceability Reporter
- C. Cisco Sync Agent



- D. Cisco XCP Connection Manager
- E. Cisco XCP Message Archiver

Correct Answer: E

The Cisco Unified Presence XCP Message Archiver service supports the IM Compliance feature. The IM Compliance feature logs all messages sent to and from the Cisco Unified Presence server, including point-to-point messages, and messages from adhoc (temporary) and permanent chat rooms for the Chat feature. Messages are logged to an external Cisco-supported database.

QUESTION 8

Refer to the exhibit.



What happens to the USB e-token after the administrator fails to enter the correct password at the next attempt?

- A. The token is locked for five days, after which the retry counter resets.
- B. The token is locked until unlocked by Cisco TAC.
- C. The token is locked until Cisco CTL Client is uninstalled and reinstalled on the client PC.
- D. The token cannot be used on the same client PC again. It can be used with another Cisco CTL Client on a different PC.
- E. The token is locked forever.

Correct Answer: E

Note here that the password has been incorrectly entered 14 times. The eToken software warns that only 1 more



attempts are allowed before the token is permanently locked (destroyed). A successful password entry resets this counter back to 15

QUESTION 9

Which three are roles of a bootstrap Location Bandwidth Manager (LBM) in an intercluster LBM replication network? (Choose three.)

- A. It provides all other LBM hubs connectivity details required to create a full-mesh hub replication network
- B. Each LBM intercluster replication group can reference up to three bootstrap LBMs
- C. It communicates directly to local LBM hubs in the cluster
- D. It communicates indirectly to the remote LBM hubs through the local IBM hubs
- E. Each LBM intercluster replication group can reference up to two bootstrap LBMs
- F. It provides all local LBMs connectivity details required to create the intercluster replication network
- G. It can be any LBM in the network
- H. It can be any LBM hubs in the network

Correct Answer: AFH

QUESTION 10

Which two Cisco Unified Communications Manager SIP profile configuration parameters for a SIP intercluster trunk are mandatory to enable end-to-end RSVP SIP Preconditions between clusters? (Choose two.)

- A. Set the RSVP over SIP parameter to Local RSVP.
- B. Set the RSVP over SIP parameter to E2E.
- C. Set the SIP Rel1XX Options parameter to Disabled.
- D. Set the SIP Rel1XX Options parameter to Send PRACK If 1xx Contains SDP.
- E. Set the SIP Rel1XX Options parameter to Send PRACK for All 1xx Messages.
- F. Check the Fall Back to Local RSVP check box.

Correct Answer: BD

Each Unified Communications Manager cluster and Unified CME should have the same configuration information. For example, Application ID should be the same on each Unified Communications Manager cluster and Unified CME. RSVP Service parameters should be the same on each Unified Communications Manager cluster.

QUESTION 11



A UCCX manager is monitoring several groups and has added a new team for the finance department. The manager can monitor all team members except those that have just been in the finance department. Which UCCX administration steps can resolve the issue?

- A. Subsystem>Team>Assign Supervisor and Contact Service Queue
- B. Wizards> RmCm Wizards>Modify Existing Service Queue
- C. Tools>User Management>Supervisor Capability View
- D. Subsystem>RmCm.>Resources
- E. Tools>User Management>Agent Capability View
- F. Subsystem>RmCm>Contact Service Queue

Correct Answer: D

QUESTION 12

Which two statements describe security services that are provided by the Phone Proxy function on a Cisco ASA appliance? (Choose two.)

- A. It is supported only on phones that use SCCP.
- B. It is supported on an adaptive security appliance that runs in transparent mode.
- C. It provides interworking to ensure that the external IP phone traffic is encrypted, as long as the Cisco Unified Communications Manager cluster runs in secure mode.
- D. It provides a proxy of phone signaling, with optional use of NAT, to hide the Cisco Unified Communications Manager IP address from the public Internet.
- E. It proxies phone media so that internal phones are not directly exposed to the Internet.
- F. It supports IP phones that send phone proxy traffic through a VPN tunnel.

Correct Answer: DE

TLS Proxy is typically deployed in front of Cisco Unified Communications Manager and other unified communications application servers that utilize media encryption. TLS Proxy is not designed to provide remote-access encryption services for remote phones or client endpoints. Other solutions such as Cisco ASA Phone Proxy or IP Security/Secure Sockets Layer (IPsec/SSL) VPN services are more appropriate. TLS Proxy is not designed to provide a secure campus soft phone solution where the requirement is to provide secure data to phone VLAN traversal or for proxying connections to Cisco Unified Communications Manager.

QUESTION 13

Auto-registration is enabled on a mixed-mode Cisco Unified Communications Manager with software version 11.0. A new Cisco 7965 SCCP IP Phone just downloaded the default phone configuration file from the TFTP server in the cluster. Which result is true?

- A. The IP phone attempts to auto-register with the highest priority Cisco UCM node on the default phone configuration



file, but the registration is rejected.

B. The IP phone attempts to auto-register with a Cisco UCM node UCM1, and the registration is rejected.

C. The IP phone attempts to auto-register with TFTP server, and the registration is rejected.

D. The IP phone attempts to auto-register with the highest priority Cisco UCM node on the default phone configuration file, and the registration is successful.

E. The IP phone does not attempt to auto-register.

Correct Answer: D

QUESTION 14

Refer to the exhibit.



```

interface GigabitEthernet1/0/13
 description Phone and PC port
 srr-queue bandwidth share 1 10 30 100
 srr-queue bandwidth shape 1 0 0 0
 queue-set 2
 mls qos trust device cisco phone
 mls qos trust cos

mls qos map cos-dscp 0 0 10 20 30 40 40 50
mls qos srr-queue input bandwidth 80 10
mls qos srr-queue input threshold 1 0 10
mls qos srr-queue input threshold 2 31 60
mls qos srr-queue input buffers 67 32
mls qos srr-queue input cos-map queue 1 threshold 2 1
mls qos srr-queue input cos-map queue 1 threshold 3 0
mls qos srr-queue input cos-map queue 2 threshold 1 2
mls qos srr-queue input cos-map queue 2 threshold 2 4
mls qos srr-queue input cos-map queue 2 threshold 3 3
mls qos srr-queue input dscp-map queue 1 threshold 2 9 10 11 12 13 14 15
mls qos srr-queue input dscp-map queue 1 threshold 3 0 1 2 3 4 5 6 7
mls qos srr-queue input dscp-map queue 1 threshold 3 32
mls qos srr-queue input dscp-map queue 2 threshold 1 16 17 18 19 20 21 22 23
mls qos srr-queue input dscp-map queue 2 threshold 2 33 34 35 36 37 38 39 40
mls qos srr-queue input dscp-map queue 2 threshold 2 49 50 51 52 53 54 55 56
mls qos srr-queue input dscp-map queue 2 threshold 2 57 58 59 60 61 62 63
mls qos srr-queue input dscp-map queue 2 threshold 3 24 25 26 27 28 29 30 31
mls qos srr-queue input dscp-map queue 2 threshold 3 40 41 42 43 44 45 46 47
mls qos srr-queue output cos-map queue 1 threshold 3 5
mls qos srr-queue output cos-map queue 2 threshold 3 3 6 7
mls qos srr-queue output cos-map queue 3 threshold 3 2 4
mls qos srr-queue output cos-map queue 4 threshold 2 1
mls qos srr-queue output cos-map queue 4 threshold 3 0
mls qos srr-queue output dscp-map queue 1 threshold 3 40 41 42 43 44 45 46 47
mls qos srr-queue output dscp-map queue 2 threshold 3 24 25 26 27 28 29 30 31
mls qos srr-queue output dscp-map queue 2 threshold 3 48 49 50 51 52 53 54 55
mls qos srr-queue output dscp-map queue 2 threshold 3 56 57 58 59 60 61 62 63
mls qos srr-queue output dscp-map queue 3 threshold 3 16 17 18 19 20 21 22 23
mls qos srr-queue output dscp-map queue 3 threshold 3 32 33 34 35 36 37 38 39
mls qos srr-queue output dscp-map queue 4 threshold 1 8
mls qos srr-queue output dscp-map queue 4 threshold 2 9 10 11 12 13 14 15
mls qos srr-queue output dscp-map queue 4 threshold 3 0 1 2 3 4 5 6 7
mls qos queue-set output 1 threshold 1 138 138 92 138
mls qos queue-set output 1 threshold 2 138 138 92 400
mls qos queue-set output 1 threshold 3 36 77 100 318
mls qos queue-set output 1 threshold 4 20 50 67 400
mls qos queue-set output 2 threshold 1 149 149 100 149
mls qos queue-set output 2 threshold 2 118 118 100 235
mls qos queue-set output 2 threshold 3 41 68 100 272
mls qos queue-set output 2 threshold 4 42 72 100 242
mls qos queue-set output 1 buffers 10 10 26 54
mls qos queue-set output 2 buffers 16 6 17 61
mls qos

```

In a Cisco Unified CM environment with default QoS configuration in the cluster, IP phone users report voice quality issues when they are downloading large files to their PC. Which two configuration changes solve this problem? (Choose two)

- A. The srr-queue bandwidth share command must be changed to increase the weight of queue 1.
- B. The global configuration of threshold 3 of queue 4 must be changed to mls qos srr-queue cos-map queue 4 threshold 3 0 5.



- C. The srr-queue bandwidth shape command must be changed to increase the weight of queue 1.
- D. The srr-queue bandwidth shape command must be removed from the interface configuration.
- E. The priority-queue out command is missing from the interface configuration.

Correct Answer: CE

QUESTION 15

Which route pattern is matched in Cisco Unified Communications Manager version 11.0 when a user dials 2001?

- A. 200X configured with urgent priority
- B. 20[02-4]1 configured with urgent priority
- C. 200[1-4] configured with urgent priority
- D. 200[^2-4] configured with urgent priority
- E. 200! configured with urgent priority

Correct Answer: C

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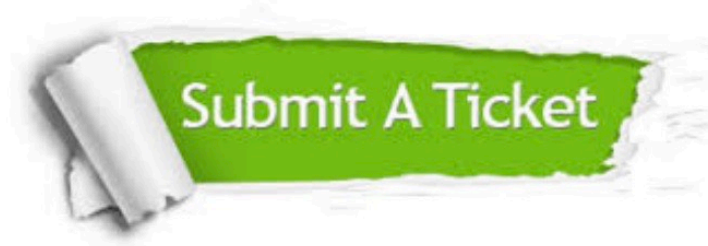
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