

# **Cisco**

## **Exam 400-051**

### **CCIE Collaboration (v1.1)**

**Verson: Demo**

**[ Total Questions: 10 ]**

**Topic break down**

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**Topic 1, All New Questions****Question No : 1 - (Topic 1)**

Refer to the exhibit.

```
voice translation-rule 5
rule 1 /91\([27]..\)\(*\)/ /+\1\2/
rule 2 /91\([567][456].\)\(*\)/ /+\0\2/
rule 3 /91\((7+.)\)\(*\)/ /+1\1\2/
rule 4 /91\(*\)/ /+\0\1/

RTR1#test voice translation-rule 5 917765284569
Matched with rule 1
Original number: 917765284569 Translated number: +7765284569
Original number type: none Translated number type: none
Original number plan: none Translated number plan: none
```

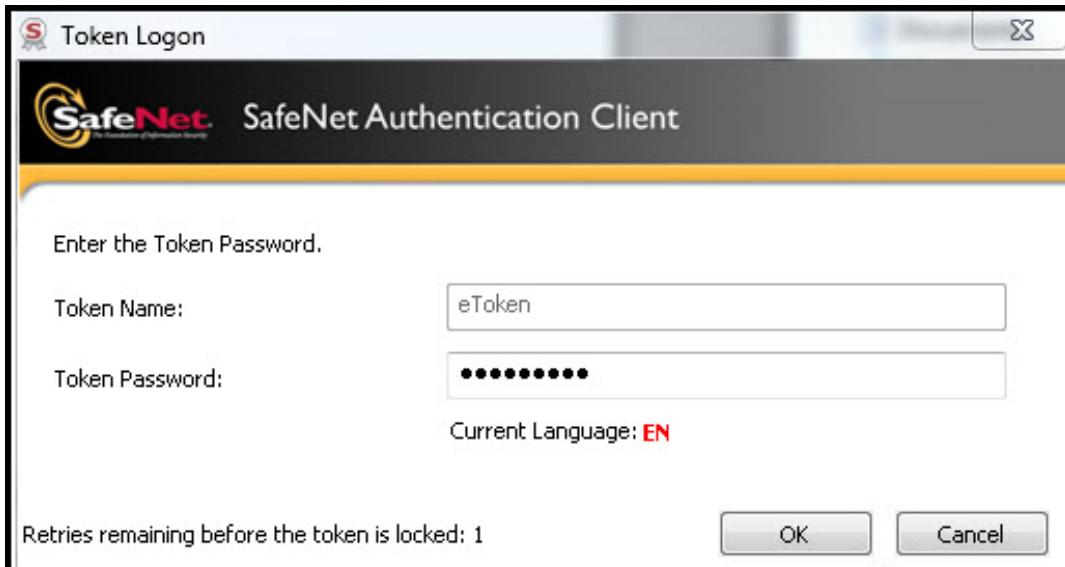
A collaboration engineer is troubleshooting outgoing calls that do not work to a specific number. The PSTN provider is playing a prompt explaining that the dialed number is missing the “1” for long Distance calls. Which four configuration changes resolve this issue? (Choose four)

- A. edit rule 4 and change /+\0\1/ to /+1\0\1\2/
- B. edit rule 1 and change \([27]..\) to (7+.)
- C. edit rule 3 and change /+1\1\2/ to /+1\2/
- D. edit rule 2 and change /+\0\2/ to /+1\0\1\2/
- E. edit rule 2 and change \([567][456].\) to \([5-7][4-6].\)
- F. edit rule 4 and change \(\*\) to \((776)\)\(\*\)
- G. edit rule 1 and change /+\1\2/ to /+1\1\2/
- H. edit rule 3 and change \((7+)\) to ([27]..)

**Answer: D,F,G,H**

**Question No : 2 - (Topic 1)**

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.

**Answer: E**

**Question No : 3 - (Topic 1)**

A Cisco Unified Cm user is set up with one remote destination profile that has two remote destination numbers: the first destination number is the user's mobile phone in

country A and the second is a mobile phone located in country . All outbound calls are centralized from the gateway at country A. The user reports that inbound calls are properly routed to the mobile phone as long as the user is in country A. But inbound calls are not successfully routed to country B. Which two options could be the cause of this? (Choose two)

- A. The enable mobile connect option must be selected under the user's second remote destination number.

- B. The value of remote destination limits should be changed to 2 instead of the default value of 4 under the end user page.
- C. The enable mobile voice access option must be selected under the end user page.
- D. The value of maximum wait time for desk pickup should be changed to 20000 instead of the default of D. 10000, under the end user page.
- E. The rerouting calling search space assigned to the user's remote destination profile must have access to international calls.

**Answer: A,E**

**Question No : 4 - (Topic 1)**

Refer to the exhibit.

Cluster Detailed View from PUB (3 Servers) :								
SERVER-NAME	IP ADDRESS	PING (msec)	RPC?	REPLICATION STATUS	REPL. QUEUE	DBver& TABLES	RPL LOOP?	REPL. (RTMT) & details
CUCMPUB	172.16.100.50	0.033	Connected	0	Match	Yes	(3)	PUB Setup Completed
CUCMSub1	172.16.100.51	0.855	Connected	0	Match	Yes	(4)	Setup Failed
CUCMSub2	172.16.100.52	1.025	Connected	0	Match	Yes	(4)	Setup Failed
CUCMSub3	172.16.100.53	3.250	Connected	0	Match	Yes	(4)	Setup Failed

Users on a four-node CUCM cluster are reporting call problems when attempting to call out to internal extension and PSTN. An engineer troubleshooting issue found a replication of the cluster is in status 4. Which three steps will resolve the replication problem? (Choose Three)

- A. run the command utils dbreplication dropadmindb on all subscribers
- B. run the command utils dbreplication repairable all from the publisher
- C. run the command utils dbreplication stop on the publisher
- D. run the command utils dbreplication reset all from the publisher
- E. run the command utils dbreplication repair all from the publisher
- F. run the command utils dbreplication stop on all subscribers

**Answer: C,D,F**

**Topic 2, Cisco Collaboration Infrastructure**

**Question No : 5 - (Topic 2)**

Which statement describes a disadvantage of using the Cisco TFTP service to serve IP phone load files?

- A. The Cisco TFTP services can run on only one Cisco Unified Communications Manager server in a cluster.
- B. Because TFTP operates on top of UDP, there is a high risk of corrupted load file delivery at the completion of the TFTP process due to undetected data loss in the network.
- C. If a response is not received in the timeout period, the TFTP server will not resend the data packet.
- D. Packet loss can significantly increase the TFTP session completion time.
- E. Because TFTP operates with an adaptive timeout period, the time to complete the file transfer is unpredictable.

**Answer: D**

**Explanation:**

Explanation:

Voice traffic cannot recapture lost packets. Rather than retransmitting a lost network connection, the phone resets and attempts to reconnect its network connection.

Reference:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cuipph/6921\\_6941\\_6961/7\\_1\\_2/english/admin/guide/6921trb.html#wp1031181](http://www.cisco.com/en/US/docs/voice_ip_comm/cuipph/6921_6941_6961/7_1_2/english/admin/guide/6921trb.html#wp1031181)

**Question No : 6 - (Topic 2)**

What is the maximum number of call-processing subscribers in a standard deployment of a Cisco Unified Communications Manager Session Management Edition cluster?

- A. 3
- B. 4
- C. 5
- D. 8
- E. 16

**Answer: D**

**Explanation:**

There is no deployment difference between CUCM & CUCM session management Edition cluster. The only difference is that CUCM SME is designed to support a large number of

trunk to trunk connections. Thus, 8 subscribers.

### Topic 3, Telephony Standards and Protocols

#### Question No : 7 - (Topic 3)

Which procedure uses H.225 messages to exchange H.245 Master-Slave Determination information?

- A. H.323 Fast Connect
- B. H.245 tunneling
- C. H.225 tunneling
- D. H.323 early media
- E. H.245 terminal capability set

**Answer: B**

**Explanation:**

The H.245 protocol is a media control protocol that is a part of H.323 protocol suite. The H.245 protocol is used primarily to negotiate master-slave relationship between communicating endpoints. These endpoints exchange terminal capabilities and logical channel manipulations (open, close, modify). The H.245 messages can be encapsulated and carried between H.225 controlled endpoints within H.225 messages. This way of "piggy-backing" an H.245 message to H.225 message is referred to as H245 Tunneling. The H.245 Tunneling method is optional and negotiable between communicating H.323 endpoints. If both endpoints support this option, usually the H.245 Media Controlled messages are exchanged via the Tunneling method.

### Topic 5, Cisco IOS UC Applications and Features

#### Question No : 8 - (Topic 5)

When multiple greetings are enabled on Cisco Unity Express, which greeting will take the

highest precedence?

- A. standard
- B. meeting
- C. busy
- D. closed
- E. internal

**Answer: B**

**Explanation:**

Meeting greeting has the highest priority because it is set by the user when he doesn't want to take the call and notices the caller he is online.

## Topic 6, Quality of Service and Security in Cisco Collaboration Solutions

### Question No : 9 - (Topic 6)

Which option is the default Cisco Wireless Unified Communications endpoints marking for video media traffic or video RTP traffic?

- A. DSCP 8
- B. DSCP 24
- C. DSCP 34
- D. DSCP 46

**Answer: C**

**Explanation:**

When configuring network-level quality of service (QoS), Cisco video endpoints (including Cisco Unified IP Phone 8900 and 9900 Series and Cisco TelePresence System EX Series devices) generally mark traffic at Layer 3 according to Cisco general QoS guidelines related to voice and video packet marking (**video media as DSCP 34 or PHB AF41**; call signaling as DSCP 24 or PHB CS3) and therefore these devices can be trusted.

## Topic 8, Cisco Unified Contact Center Express

### Question No : 10 - (Topic 8)

How many RTP streams exist on the network when a Cisco Unified Contact Center Express agent is engaged in a call that is being silently monitored and recorded?

- A. 3
- B. 4
- C. 5
- D. 6
- E. 8

**Answer:** D

**Explanation:**

Explanation:

6 RTP streams exist when UCCE agent is engaged in a call when it is being silently monitored.

Reference:

[http://www.cisco.com/en/US/docs/voice\\_ip\\_comm/cust\\_contact/contact\\_center/crs/express\\_9\\_0/design/UCCX\\_BK\\_UD5B347F\\_00\\_uccx-solution-reference-network-design\\_chapter\\_0110.html](http://www.cisco.com/en/US/docs/voice_ip_comm/cust_contact/contact_center/crs/express_9_0/design/UCCX_BK_UD5B347F_00_uccx-solution-reference-network-design_chapter_0110.html)