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# 300-075

Implementing Cisco IP Telephony & Video,  
Part 2 v1.0

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### QUESTION 1

How is a SIP trunk in Cisco Unified Communications Manager configured for SIP precondition?

- A. The configuration is done by selecting a SIP precondition trunk for trunk type.
- B. The configuration is automatically selected when RSVP is enabled for the location assigned to the trunk.
- C. SIP precondition is configured by selecting E2E for RSVP over SIP on the default SIP profile assigned to the SIP trunk.
- D. SIP precondition is configured by configuring a new SIP profile and selecting E2E for RSVP over SIP. The new SIP profile must then be assigned to the SIP trunk.

**Answer: D**

### QUESTION 2

Which device is needed to integrate H.320 into the Cisco video solution?

- A. video gateway
- B. MGCP gateway
- C. H.323 gatekeeper
- D. MCU

**Answer: C**

### QUESTION 3

```

controller T1 1/0
framing esf
linecode b8zs
pri-group timeslots 1-6,24

interface Serial1/0:23
no ip address
encapsulation hdlc
isdn switch-type primary-ni
isdn incoming-voice voice
no cdp enable

interface Vlan120
ip address 10.2.120.1 255.255.255.0
h323-gateway voip bind srcaddr 10.2.120.1

voice-port 1/0:23

dial-peer voice 123 pots
incoming called-number .
direct-inward-dial

dial-peer voice 23000 voip
destination-pattern 2...
session target ipv4:10.1.5.11
dtmf-relay h245-alphanumeric
codec g711ulaw
no vad

```

IT shows an H.323 gateway configuration in a Cisco Unified Communications Manager environment. An inbound PSTN call to this H.323 gateway fails to connect to IP phone extension 2001. The PSTN user hears a reorder tone. Debug isdn q931 on the H.323 gateway shows the correct called-party number as 501552001. Which two configuration changes can correct this issue? (Choose two.)

- A. Add port 1/0:23 to dial-peer voice 123 pots.
- B. Ensure that the Significant Digits for inbound calls on the H.323 gateway configuration is 4.
- C. Add a voice translation profile to truncate the number from 10 digits to 4 digits. Apply the voice translation profile to the Voice-port. The configuration field "Significant Digits for inbound calls" is left at default (All).
- D. Add the command h323-gateway voip id on interface vlan120.
- E. Change the destination-pattern on the dial-peer voice 23000 VoIP to 501501? and change the Significant Digits for inbound calls to 4.

**Answer: BE**

#### **QUESTION 4**

The following exhibit shows configs for H.323 gateway. You have been asked to implement TEHO from a remote branch office with area code 301 to the HQ office with area code 201 using Cisco Unified Communications Manager. The remote office has an MGCP gateway and the HQ office has an H.323 gateway. Once the call arrives at the HQ, it should break out to the PSTN as a seven-digit local call.

Which statement about the route pattern is true?

```
dial-peer voice 7 pots
 destination-pattern 9[2-9].....
 port 1/0:23
!
dial-peer voice 11 pots
 destination-pattern 91[2-9]..[2-9].....
 prefix 1
 port 1/0:23
```

- A. route pattern should be 91201.[2-9]XXXXXX with Discard Digit as Predot and Prefix 9
- B. route pattern should be 91201.[2-9]XXXXXX with Discard Digit as Predot
- C. route pattern should be 91201.[2-9]XXXXXX
- D. route pattern should be 9.1201[2-9]XXXXXX with Discard Digit as Predot
- E. route pattern should be 9.1201[2-9]XXXXXX with Discard Digit as Predot and Prefix 9

**Answer: A**

#### **QUESTION 5**

How many active gatekeepers can you define in a local zone?

- A. 1
- B. 2
- C. 5