642-457^{Q&As}

Implementing Cisco Unified Communications Manager, Part 2 v8.0 (CIPT2 v8.0)

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QUESTION 1

Refer to the exhibit.

Gateway Status					
	Device Name ▲	Description	Device Pool	Calling Search Space	
H.323	10.1.120.1		Default		H.323 G
3825	HQ	HQ			Cisco 3

```
interface Vlan1
 no ip address
 shutdown
!
interface Vlan20
 ip address 10.1.20.1 255.255.255.0
!
interface Vlan120
 ip address 10.1.120.1 255.255.255.0
 ip helper-address 10.1.5.2
 ip pim sparse-dense-mode
 h323-gateway voip bind srcaddr 10.1.120.1
!
router eigrp 10
 network 10.0.0.0
 no auto-summary
!
ip forward-protocol nd
!
no ip http server
!
control-plane
!
!
!
voice-port 0/0/0:23
 translation-profile incoming pots-in
 translation profile outgoing sent
!
voicemanager for gateway icom
!
sgcp tsm 100 scn
!
!
dial-peer voice 911 pots
 destination-pattern 911
 port 0/0/0:23
 forward-digits all
!
dial-peer voice 9011 pots
 destination-pattern 9911
 port 0/0/0:23
 forward-digits all
!
dial-peer voice 123 pots
 incoming called-number .
 direct-inward-dial
!
dial-peer voice 3000 voip
 destination-pattern 3...
 session target ipv4:10.1.5.3
 dtmf-relay h245-alphanumeric
 no vad
!
dial-peer voice 9011 pots
 corlist outgoing intlPt
 destination-pattern 9011.T
 port 0/0/0:23
!
dial-peer voice 7 pots
 corlist outgoing localPt
 destination-pattern 9[2-9].......
 port 0/0/0:23
!
dial-peer voice 24300 pots
 destination-pattern [24]...
 port 0/0/0:23
!
dial-peer voice 3000 voip
 preference 1
 destination-pattern 3...
 voice class h323
 session target ipv4:10.1.5.2
 dtmf-relay h245-alphanumeric
 no vad
!
dial-peer voice 800 pots
 destination-pattern 91800.......
 port 0/0/0:23
 prefix 800
!
dial-peer voice 866 pots
 destination-pattern 91866.......
 port 0/0/0:23
 prefix 866
!
dial-peer voice 877 pots
 destination-pattern 91877.......
 port 0/0/0:23
 prefix 877
```

```
 prefix 877
!
dial-peer voice 888 pots
 destination-pattern 91888.......
 port 0/0/0:23
 prefix 888
!
dial-peer voice 11 pots
 corlist outgoing ldPt
 destination-pattern 91[2-9]..[2-9]......
 port 0/0/0:23
!
dial-peer voice 3900 voip
 destination-pattern 3500
 session target ipv4:10.1.5.3
 dtmf-relay h245-alphanumeric
 no vad
!
!
gateway
 timer receive-rtp 1200
!
!
gatekeeper
 shutdown
!
!
!
call-manager-fallback
 max-conferences 8 gain -6
 transfer-system full-consult
 ip source-address 10.1.120.1 port 2000
 max-ephones 4
 max-dn 8 dual-line
 after-hours block pattern 1 91900 7-24
 voicemail 916506032000
 call-forward busy 916506032000
 call-forward noan 916506032000 timeout 7
 moh music-on-hold.au
 multicast moh 239.1.1.1 port 16384 route 10.1.20.1 10.1.120.1
!
!
line con 0
 location CIEV2-GA-LAB04, SJ
 exec-timeout 0 0
 logging synchronous
line aux 0
line vty 0 4
 exec-timeout 0 0
 password cisco123
 login
!
scheduler allocate 20000 1000
end
```

The H.323 Gateway is showing status "unknown". Which statement is t[...]

The H.323 Gateway is showing status "unknown". Which statement is true?

A. The gateway must be reset in Cisco Unified Communications Manager.

B. The no gateway command followed by the gateway command must be issued in Cisco IOS.

C. The mgcp commands must be removed.

D. H.23 gateways do not register with Cisco Unified Communications Manager H.323 gateways always show status "Unknown".

E. VUAN 1 20 may be down and so the H.323 gateway appears offline to the Cisco Unified Communications Manager

Correct Answer: D

QUESTION 2

Which command is needed to utilize local dial peers on an MGCP-controlled ISR during an SRST failover?

A. ccm-manager fallback-mgcp

B. telephony-service

C. dialplan-pattern

D. isdn overlap-receiving

E. voice-translation-rule

Correct Answer: A

QUESTION 3

Refer to the exhibit When the Cisco Unified Communications Manager advertises the Hosted DN Pattern, which pattern would be advertised?

A. 2XXX and the T0D1D will be 0:+498950555

B. 2XXX and the ToDID will be 0:+4989531 21

C. 4989S05552XXX and the ToDiD will be 0:

D. + 4989631 21 2XXX and the ToDiD will be 0:

E. Both +4989505552XXXand +4989531 21 2XXX will be advertised with ToDID of 0:

Correct Answer: A

QUESTION 4

Which two configurations provide the best SIP trunk redundancy with Cisco Unified Communications Manager? (Choose two.)

A. Configure all SIP trunks with DNS SRV

B. Configure all SIP trunks with Cisco Unified Border Element

C. Configure all SIP trunks to point to a SIP gateway

D. Configure SIP trunks to be members of route groups and route lists

E. Configure all SIP trunks to allow TCP ports 5060

F. Configure all SIP trunks to point to a gatekeeper through SIP to H.323 gateway

Correct Answer: AD

QUESTION 5

Which action configures phones in site A to use G.711 to site B but to use G.729 to site C?

A. Configure Cisco Unified Communications Manager regions.

B. Configure Cisco Unified Communications Manager locations.

C. Configure transcoder resources in Cisco Unified Communications Manager.

D. Configure a gatekeeper.

Correct Answer: A

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