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Exam : **350-024**

Title : CCIE SP IP Telephony Qualification Exam

Version : DEMO

1.When troubleshooting an IOS Voice Gateway, what command will produce detailed information (codec, ERL, tx/rx packets, dial peers, etc) on currently active calls?

A.show voice call active

B.show call active voice

C.show voice port

D.show voice call

Correct:B

2.When troubleshooting a FailSafe problem in Unity, the first place you should look for detailed error messages is the:

A.tempu.log

B.System Log

C.Application Log

D.SDL Trace

E.Status Monitor

Correct:C

3.In order to pass hook-flash on h.323 from FXS to FXO:

A.connection plar must be configured on the voice-port (FXS)

B.connection plar must be configured on the voice-port (FXS) and (FXO)

C.connection trunk must be configured on the voice-port (FXS)

D.connection trunk must be configured on the voice-port (FXS) and (FXO)

E.None of the above

Correct:E

4.What type of signaling provides Dialed Number Information Service (DNIS) on a T1/E1?

A.E&M

B.Loop Start

C.Ground start

D.All of the above

Correct:D

5.When Direct Inward Dial is used on a POTS dial peer and an incoming POTS call enters the router: (multiple answer)

A.The number that is dialing (ANI) automatically becomes the destination-pattern number for the IP destination.

B.The number that is dialed (DNIS) automatically becomes the destination-pattern number for the IP destination.

C.The number that is dialing (ANI) automatically becomes the destination-pattern number for the telephony destination.

D.The number that is dialed (DNIS) automatically becomes the destination-pattern number for the telephony destination.

E.The number that is dialed (DNIS) & the number that is dialing (ANI) automatically becomes the destination-pattern number for the IP & telephony destination.

Correct:B D

6.What does the term "MGCP backhaul" mean?

A.Encapsulating ISDN Q.931 CDR records to a RADIUS server

B.Translating ISDN Q.931 messaging into MGCP events to the MGCP Call Agent

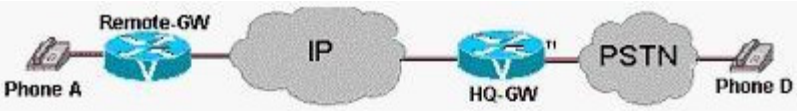
C.Transporting ISDN Q.921 messaging across IP to the MGCP Call Agent
D.Transporting ISDN Q.931 messaging across IP to the MGCP Call Agent
E.Transporting T1 CAS messaging across IP to the MGCP Call Agent
Correct:D

7.What statement is an attribute of ISDN Non-Facility Associated Signaling (NFAS)?
A.Single D-channel controls B-channels on the same T1 span, as well on other T1-spans.
B.Single T1 span can be split into two "trunk groups", each with its own dedicated D-channel.
C.Is available on both T1 and E1 PRIs.
D.Enables the D-channel to transmit "data" information unrelated to any voice call, such as inter-switch status updates.
E.Applicable to voice calls on PRI only, but not to data PRI calls.
Correct:A

8.The IOS GWs support ECMA QSIG. CM, in MGCP Call Agent mode, supports ISO QSIG. What implications does this have on an IP telephony network?
A.None, the ISO standard is a superset of the ECMA standard.
B.None, as long as the IOS GW remains in contact with the CM at all times.
C.During MGCP GW Fallback, no calls to the attached QSIG PBX will work.
D.During MGCP GW Fallback, basic calls to the attached QSIG PBX will work.
E.During MGCP GW Fallback, all call functionality to the attached QSIG PBX will work.
Correct:B D

9.The terms "Wink start", "Delay start" and "Immediate start" are applicable to:
A.Analog E&M Signaling
B.T1 CAS E&M signaling
C.E1 CAS E&M Signaling
D.Analog DID Signaling
E.All of the above
Correct:E

10.The user at phone A dials 5551212555. What Digit string is sent to the PSTN for termination assuming call routing is working properly through the IP Network? NOTE: There are 2 exhibits for this question.



Remote-GW

```
voice translation-profile CCIE_1
translate called 1
voice translation-rule 1
rule 1 /^\(555\)+\(.*\)/ /444\2/ type any national plan any isdn
dial-peer voice 1 voip
translation-profile outgoing CCIE_1
session target ipv4:x.x.x.x
Port 0/0
```

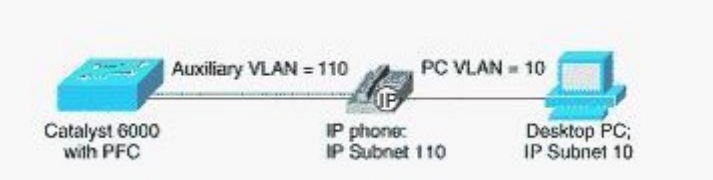
HQ-GW

```
Interface FastEthernet0
Ip Address x.x.x.x y.y.y.0
voice translation-profile CCIE_2
translate called 1
voice translation-rule 1
rule 1 /^\(12\)+\(.*\)/ /911\2/ type national unknown plan unknown isdn
dial-peer voice 1 pots
translation-profile outgoing CCIE_2
Port 1/0:23
```

A.5551212555
B.4441212555
C.555911911444
D.5551444555
E.5554442555

Correct:B

11.The Catalyst 6000 in the shown diagram has been configured with the following commands:set qos enableset port qos 5/1-48 vlan-basedset port qos 5/1-48 trust-ext untrustedset port qos 5/1-48 trust trust-cosAssuming that the IP Phone is connected to port 5/1, which statements are true?



A.The IP Phone will re-write the CoS of 802.1p/Q-tagged packets from the PC to CoS=0.
B.The Catalyst 6000 switch port 5/1 will re-write the CoS of all packets with a Cos=0.
C.The Catalyst 6000 switch port 5/1 will re-write the CoS of all packets received on VLAN 110 with CoS=5.
D.The IP Phone will not modify the DSCP of packets from the PC.
E.The Catalyst 6000 will not modify the CoS of any packets received on port 5/1.

Correct:A E

12.What protocol does an IP Phone use to learn the IP Address of its TFTP Server?

A.HSRP
B.DHCP

C.Skinny Station Protocol
D.STP
E.CDP
Correct:B
13.What interface does SMDI traditionally use?
A.Serial
B.Parallel
C.Ethernet
D.Firewire
E.USB
Correct:A
14.Consider phone A, assigned to Calling Search Space A. Calling Search Space A contains the following partitions (in the order shown), listed with their respective Route Patterns:Partition_A1, containing Route Pattern 1XXXPartition_A2, containing Route Pattern 10XXIf Phone A dials "1001", what statement is true?
A.Route Pattern 1XXX and 10XX both match, but since 1XXX is listed first, it will be chosen.
B.Route Pattern 1XXX and 10XX both match, but since 10XX is a better match, it will be chosen.
C.None of the route patterns are an exact match, thus none will match, and the caller will hear re-order tone.
D.Both patterns are equivalent matches, and Call Manager will choose them in a round robin fashion.
Correct:B
15.Consider phones A and B. Both phones are registered in the same cluster. Phone A is configured with extension 1000. Phone B is configured with extension 2000. Indicate what choice below is necessary and sufficient to allow phone A to be able to call phone B AND phone B to be able to call phone A.
A.Both phone extensions are in the same partition
B.Both phones are assigned the same Calling Search Space
C.Both (A) and (B)
D.None of the above
Correct:D
16.Consider:Phone A's device calling search space is CSS_Dev_A. Phone A's Line 1 is assigned calling search space CSS_Line_A.Route Pattern 2XXX is placed in Partition Part_1.Route Pattern 20XX is placed in Partition Part_2.Route Pattern 200X is placed in Partition Part_3. CSS_Dev_A contains partition(s) Part_1.CSS_Line_A contains partition(s) Part_2.If a call is made to 2001 from Phone A, using Line 1, what route pattern will be chosen by Call Manager?
A.2XXX in partition Part_1
B.20XX in partition Part_2
C.200X in partition Part_3
D.None of the above (user gets re-order tone)
Correct:B
17.With Unity 3.0/ and Exchange 2000, which attributes are stored in Active Directory?
A.Recorded Name
B.Recorded Greeting(s)
C.Alternate Extensions

D.Transfer Type (Supervised, Release to Switch)
E.Location ID
Correct:A C E

18.AMIS is used to:
A.Send Email messages
B.Send VoiceMail messages
C.Send VoiceMail & Email messages
D.Send Recorded names
Correct:B

19.Two Unity Servers can be placed in the same Dialing Domain if:
A.They are in the same Exchange Site/Routing Group.
B.Their subscribers do not have overlapping extensions.
C.They do not have to dial trunk access codes to reach each other's subscribers.
D.They are both assigned the same Location ID.
E.They are attached to the same PBX.
Correct:B C

20.From the perspective of the CallManager, the Unity TSP looks and behaves most like a:
A.H.323 Gateway
B.CTI Port
C.Cisco IP Phone
D.TAPI Device
E.MGCP Gateway
Correct:C