

Exam Code: 350-024

Exam Name: CCIE SP IP Telephony Qualification Exam

Vendor: CISCO

Version: DEMO

Part: A

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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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.

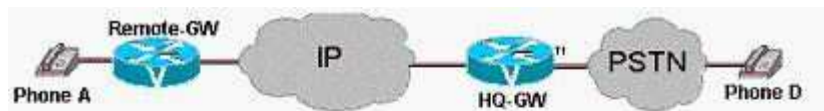
Correct Answers: B D

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 Answers: 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 /\(555\)+\(\*\)/4442/ 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.y.y.0
voice translation-profile CCIE_2
translate called 1
voice translation-rule 1
rule 1 /\(12\)+\(\*\)/9112/ 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 Answers: B

11: The Catalyst 6000 in the shown diagram has been configured with the following commands: set qos enabled set port qos 5/1-48 vlan-based set port qos 5/1-48 trust-ext untrusted set port qos 5/1-48 trust trust-cos Assuming 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 Answers: 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 Answers: B

13: What interface does SMDI traditionally use?

- A.Serial
- B.Parallel
- C.Ethernet
- D.Firewire
- E.USB

Correct Answers: 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 1XXX Partition_A2, containing Route Pattern 10XX If 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: 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 Answers: C