Vendor: Cisco

Exam Code: 400-051

Exam Name: CCIE Collaboration Written Exam

Version: Demo

QUESTION 1

Which computing model does Fog use? (Choose two.)

A. Cluster
B. Distributed
C. Centralized
D. Grid

Correct Answer: B

QUESTION 2

Which OpenStack component can be used to create on object-based storage strategy?

A. Glance
B. Swift
C. Nova
D. Neutron

Correct Answer: B

QUESTION 3

Refer to the exhibit. Site A and site B have a 3-hour time difference. An administrator has time-of-day routing configured at site A and site B for all incoming calls to the main phone number, DN 8000. Two hunt pilots with the same DN are configured with the time periods of site A and B. Which Statement about the incoming calls is true?
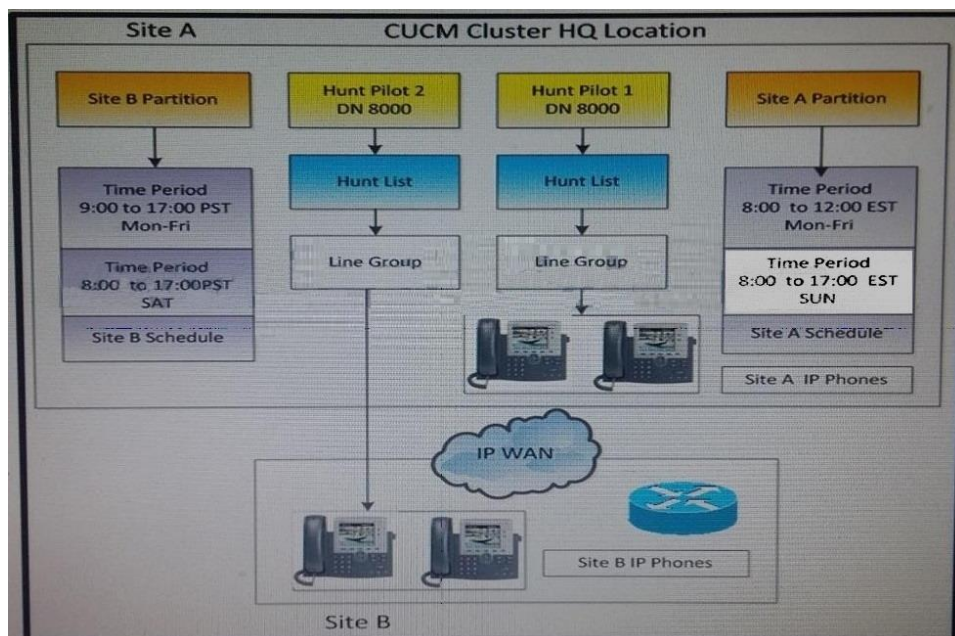
A. Incoming calls to hunt pilot 8000 on Wednesday after 1500 PST are answered by the site B IP phone.
B. Incoming calls to hunt pilot 8000 on Saturday are answered by the site A IP phone.
C. Incoming calls to hunt pilot 8000 on Saturday after 17:00 PST are answered by the site A and site B IP phones.
D. Incoming calls to hunt pilot 8000 on Sunday are answered by the site B IP phone

Correct Answer: A

QUESTION 4

Refer to the exhibit. The common device configuration has been assigned to an IPv4 only phone. Which statement describes what happens when the phone attempts to register with Cisco unified Communications manager?
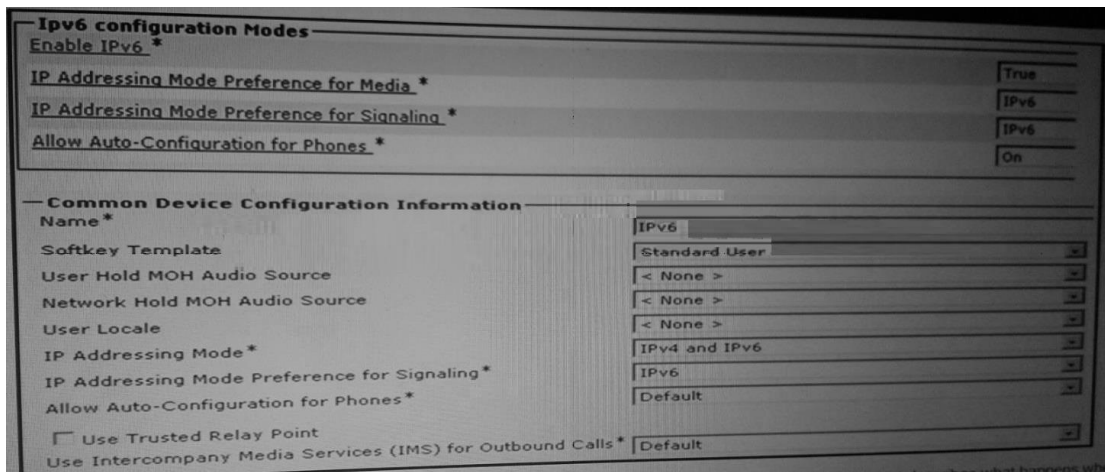
A. The IP phone displays the message `registration rejected' because it cannot support IPv6
B. The IP phone invokes MTP to translate from ipv4 to IPv6
C. The IP phone ignores the settings and registers with the ipv4 address
D. The IP phone uses SLAAC to acquire an IPv6 address and override the limitation

Correct Answer: A

QUESTION 5

A Cisco collaboration engineer is troubleshooting unexpected SIP call disconnects. Which three responses correspond to the 5xx range? (Choose three.)

A. Temporarily Unavailable
B. Version not supported
C. Bad request

D. Forbidden

E. Server Timeout

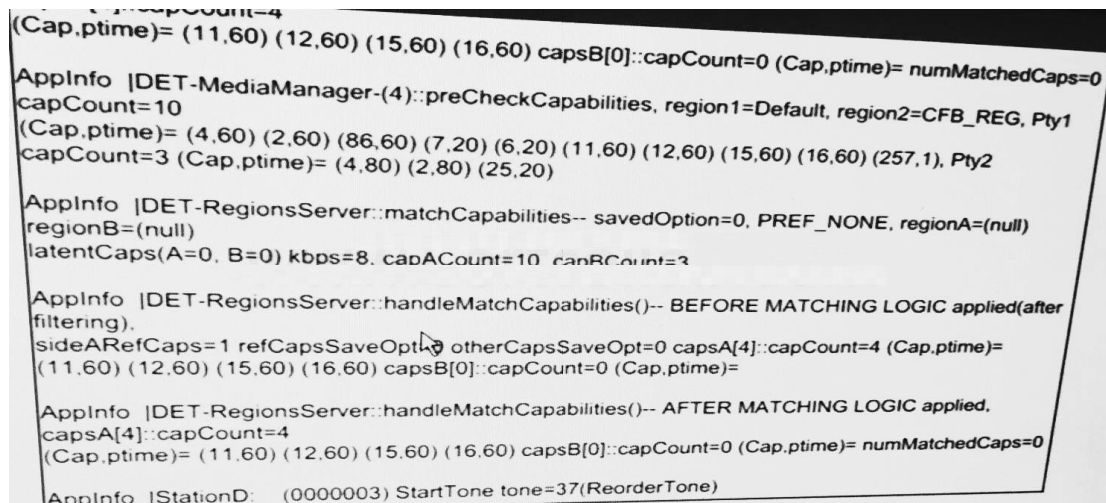F. Service Unavailable

Correct Answer: BEF

QUESTION 6

Which option is the main advantage of using Cisco UCS Director within a data centre environment?

A. It uses auto discovery to detect, manage, and provision system components.

B. It uses automated workflows for resource provisioning

C. It Supports, service chaining for physical and virtual services.

D. It supports inventory and fault management across multiple Cisco devices

Correct Answer: A

QUESTION 7

Refer to the exhibit. You have received UCM SDI trace from a client who is having issues with conference calls. Based on the information in the trace file, what could be the possible cause of conference failure? (Choose three)


```
(Cap,ptime)= (11,60) (12,60) (15,60) (16,60) capsB[0]::capCount=0 (Cap,ptime)= numMatchedCaps=0

AppInfo |DET-MediaManager-(4)::preCheckCapabilities, region1=Default, region2=CFB_REG, Pty1
capCount=10
(Cap,ptime)= (4,60) (2,60) (86,60) (7,20) (6,20) (11,60) (12,60) (15,60) (16,60) (257,1), Pty2
capCount=3 (Cap,ptime)= (4,80) (2,80) (25,20)

AppInfo |DET-RegionsServer::matchCapabilities-- savedOption=0, PREF_NONE, regionA=(null)
regionB=(null)
latentCaps(A=0, B=0) kbps=8, capACount=10 capBCount=3

AppInfo |DET-RegionsServer::handleMatchCapabilities()-- BEFORE MATCHING LOGIC applied(after
filtering).
sideARefCaps=1 refCapsSaveOpt=0 otherCapsSaveOpt=0 capsA[4]::capCount=4 (Cap,ptime)=
(11,60) (12,60) (15,60) (16,60) capsB[0]::capCount=0 (Cap,ptime)=

AppInfo |DET-RegionsServer::handleMatchCapabilities()-- AFTER MATCHING LOGIC applied.
capsA[4]::capCount=4
(Cap,ptime)= (11,60) (12,60) (15,60) (16,60) capsB[0]::capCount=0 (Cap,ptime)= numMatchedCaps=0

AppInfo |StationD:   (0000003) StartTone tone=37(ReorderTone)
```

A. Conference Bridge only supports G711

B. Transcoder is missing in MRGL

C. Region relationship is null between Conference Bridge and phones

D. Region relationship is set to G729 between Conference Bridge and phones

E. Conference bridge capabilities count is 0

F. Media termination point is missing from MRGL

Correct Answer: ABD

QUESTION 8

An Engineer is configuring a CUBE interoperability with a SIP Service Provider. What are the three different ways Mid Call Re - Invites function to ensure smooth interoperability of supplementary services? (Choose three.)

A. provides early offer to delay offer codec change in 200 OK message
B. provides support for media flow around in early offer forced call flows
C. converts a delayed offer to an early offer
D. allows interoperability for video related features
E. allows pass through of mid-call signalling on media change
F. blocks all mid-call signalling for specific SIP trunk

Correct Answer: DEF

QUESTION 9

Refer to the exhibit. What is the preferred audio codec for all calls between different regions?
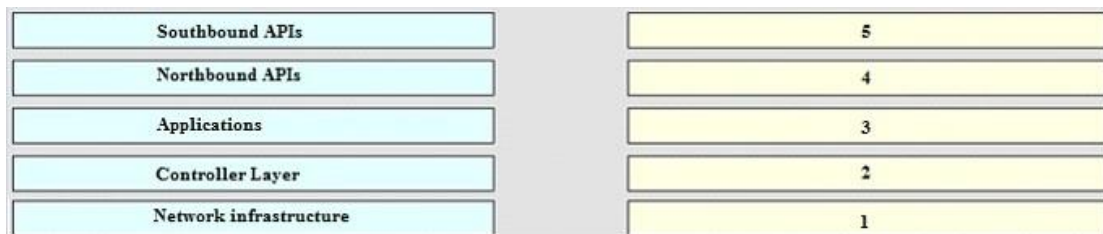
A. iLBC codec

B. G711ulaw codec

C. iSAC codec

D. low loss configured codec

Correct Answer: B

QUESTION 10
DRAG DROP
Drag and drop the logical components of a traditional SDN infrastructure into the correct order. Similar to open system interconnection model (OSI model), working your way up from the network infrastructure layer.

Southbound APIs		5
Northbound APIs		4
Applications		3
Controller Layer		2
Network infrastructure		1

Correct Answer:

Southbound APIs		Applications
Northbound APIs		Northbound APIs
Applications		Controller Layer
Controller Layer		Southbound APIs
Network infrastructure		Network infrastructure

QUESTION 11
Which three basic elements does the architecture for voice and video over WLAN include? (Choose three.)

A. Wireless LAN controllers.

B. Wireless access points.

C. Wireless bridge

D. Wireless VLAN

E. Wired call elements

F. DHCP server

Correct Answer: ABD

QUESTION 12

Refer to the exhibit. Which option correctly describes the output shown?

```
RTR1#deb ccm-manager events
Jan  1 18:49:27.631: cmapp_host_fsm: Processing event GO_ACTIVE for host 0
(172.16.100.11) in state DOWN
Jan  1 18:49:27.631: cmapp_start_host_tmr: Host 0 (172.16.100.11), tmr 0, duration 15000
Jan  1 18:49:27.631: cmapp_open_new_link: Open link for [0]:172.16.100.11
Jan  1 18:49:27.631: cmbh_open_tcp_link: Opening TCP link with Rem IP 172.16.100.11,
Local IP 172.16.100.1, port 2428
Jan  1 18:49:27.635: cmapp_open_new_link: Open initiated OK: Host 0 (172.16.100.11),
session_id=4CD48CD8
Jan  1 18:49:27.635: cmapp_host_fsm: New state ACTIVE_OPENING for host 0 (172.16.100.11)
Jan  1 18:49:41.631: cmbh_tcp_open_ind: TCP open failed for 172.16.100.11, calling
callback.
Jan  1 18:49:41.631: cmapp_host_fsm_process_event: Signal from unknown TCP session
4CD48CD8
Jan  1 18:49:42.631: cmapp_host_fsm: Processing event OPEN_LINK_TIMEOUT for host 0
(172.16.100.11) in state ACTIVE_OPENING
Jan  1 18:49:42.631: cmapp_host_fsm: New state DOWN for host 0 (172.16.100.11)
Jan  1 18:49:42.631: cmapp_mgr_process_ev_active_host_failed: Active host 0
(172.16.100.11) failed
Jan  1 18:49:42.631: cmapp_mgr_check_hostlist: Active host is 0 (172.16.100.11)
Jan  1 18:49:42.631: cmapp_mgr_check_hostlist: Host 0 (172.16.100.11) going active
Jan  1 18:49:42.631: cmapp_try_fallback(set_to_mode=ON)
Jan  1 18:49:42.631: cmapp_shut_backhaul: backhaul link shutdown is not configured
Jan  1 18:49:42.631: cmapp_try_fallback: fallback is already ON
```

A. Fallback to the PRI worked successfully when the connection to CUCM was lost
B. The ccm switchback uptime-delay was incorrectly set to immediate instead of graceful
C. Redundant CUCM server will be tried after 15 seconds has passed
D. ccm-manager fallback-mgcp command was missing from the configuration

Correct Answer: A

QUESTION 13

Refer to the exhibit. An engineer is upgrading existing frame-relay network to MPLS using Ethernet. The amount of bandwidth from service provider will remain the same. What two issues the engineer must consider when changing from frame-relay to Ethernet for voice connectivity? (Choose two)

```
" RTR1#show run | s interface serial 0/0
interface serial 0/0
 ip address 1.0.0.1 255.0.0.0
 encapsulation frame-relay
 no keepalive
 clockrate 64000
 frame-relay map ip 1.0.0.2 17 broadcast rtp header-compres
```

A. Overhead with Ethernet L2 is much smaller than Frame-Relay L2 headers
B. Using G711 codec, calls will consume slightly more bandwidth over Ethernet than frame-relay calls
C. Ability to use header compression will not be available when using ethernet

D. Using G711 codec, calls will consume slightly less bandwidth over Ethernet than frame-relay calls

E. Ethernet and MPLS will allow engineer to implement QoS which is not available on frame-relay

Correct Answer: BC

QUESTION 14

An engineer is converting all gateways to SIP and wants to ensure that the device is protected from traffic with malicious intent? Which two parts must the engineer enable to protect the Cisco Unified Communications Manager from SIP attacks on any newly created SIP trunks? (Choose two.)

A. SIP Station TCP Port Throttle Threshold

B. Denial - of - Service Protection Flag

C. SIP TCP Unused Connection Timer

D. SIP Max incoming Message Headers

E. SIP Max incoming Message Size

F. SIP trunk TCP Port Throttle Threshold

Correct Answer: CE

QUESTION 15

A UCCX manager is monitoring several groups and has added a new team for the finance department. The manager can monitor all team members except those that have just been added in the finance department. Which UCCX administration steps can resolve the issue?

A. Wizards> RmCm Wizards > Modify existing service queue

B. Subsystem> RmCm> Resources

C. Subsystem> RmCm> Contact service queue

D. Subsystem> Team> Assign supervisor and contact service queue

E. Tools> User management> Agent capability view

Correct Answer: B

QUESTION 16

Which two steps are valid to use when deploying a new identity process to Cisco Unified Communications Manger subscribers? (Choose two)

A. Mount the floppy disk image with the configuration file from the AFG

B. Import the subscriber virtual, machines with the appropriate OVA template

C. Run the command utils set-import on the template VM.

D. Perform a skip install

E. Mount the Cisco Unified Communications Manager ISO file.

Correct Answer: BE

QUESTION 17

Refer to the exhibit. Which call status is this SIP message indicating?


```
ACK sip:95124182222@172.16.100.90:5060;transport=tcp SIP/2.0
Via: SIP/2.0/TCP 172.16.100.50:5060;branch=z9hG4bK44624916e15
From: <sip:5124184051@172.16.100.50>;tag=1089~9dd03ed8-9382-4ac1-b8a1-b7247e0f115a-
31896963
To: <sip:95124182222@172.16.100.90>;tag=2A7EA0-EE8
Date: Fri, 12 Jun 2015 01:51:37 GMT
Call-ID: 8d37b300-57a13b27-43c-326410ac@172.16.100.50
User-Agent: Cisco-CUCM10.5
Max-Forwards: 70
CSeq: 103 ACK
Allow-Events: presence
Content-Type: application/sdp
Content-Length: 191

v=0
o=CiscoSystemsCCM-SIP 1089 3 IN IP4 172.16.100.50
s=SIP Call
c=IN IP4 172.16.100.50
t=0 0
m=audio 4000 RTP/AVP 0
a=ptime:20
a=rtpmap:0 PCMU/8000
a=sendonly
```

A. Caller is in conference using MUTE

B. Caller is being call forwarded

C. Caller is on hold

D. Caller is transferred to voicemail

E. Caller is hearing ring back

Correct Answer: C

QUESTION 18

An engineer is troubleshooting Cisco Jabber Federation where the server cannot discover the external Lync domains using SRV records. Which two steps resolve this problem? (Choose two)?

A. Configure the port number as 5065.

B. Configure the destination pattern as "lyncdomainname.com".

C. Set the Next Hop value as the IP address of the Microsoft Lync Server.

D. Configure the destination pattern as ".com.lyncdomainname*"

E. Configure the port number as 5060.

F. Set the protocol to TLS.

G. Set the Next Hop value as the IP address of the Lync Domain servers.

H. Set the protocol to TCP.

Correct Answer: FG

QUESTION 19

The UCM 9.0 publisher server in a five node cluster failed to boot after a power outage.
Which 4 configuration modifications could still be made on the remaining notes?

A. Device security profile

B. Device mobility

C. Busy Trigger

D. Add a new DN

E. PIN Reset

F. Extension mobility login

G. Message waiting indication

H. Call forward all

Correct Answer: BFGH

QUESTION 20

Which definition is included in a Cisco UC on UCS TRC?

A. Required RAID configuration, when the TRC uses external storage.

B. Configuration settings and patch recommendations for VMware software.

C. Configuration of virtual - to - physical network interface mapping.

D. Design and installation of blade server chassis and switching.

E. Server model and local components (CPU, RAM, Adapters, Local Storage) at the orderable part number level.

Correct Answer: E