

# **Cisco 400-051 Exam**

**Volume: 432 Questions**

Question No: 1

Company ABC is planning to migrate from MCS-hosted Cisco Unified Communications Manager applications to Cisco UC on UCS B-Series servers. Which statement about installation media support is true for this migration?

- A. The install log can be written to a USB flash drive that is attached to the UCS server.
- B. The answer file that is generated by the Answer File Generator (platformConfig.xml) can be read from a USB flash drive to perform an unattended installation on the UCS server.
- C. The Cisco Music on Hold USB audio sound card can be mapped to a virtual USB port on a VMware virtual machine on the UCS server.
- D. The answer file that is generated by the Answer File Generator (platformConfig.xml) can be read from an FLP image that is mounted in a virtual floppy drive.
- E. The Cisco Music on Hold USB audio sound card can be mapped to a virtual serial port on a VMware virtual machine on the UCS server.

Answer: D

Question No: 2

Which statement about the Cisco UC on UCS TRC and the third-party server specs-based virtualization support model is true?

- A. Both the UC on UCS TRC and the third-party servers spec-based support models have rule-based approaches.
- B. The UC on UCS TRC support model has a rule-based approach and the third-party servers spec-based support model has a configuration-based approach.
- C. The UC on UCS TRC support model requires a high level of virtualization experience while the third-party server spec-based support model requires a low to medium level virtualization experience.
- D. VMware vCenter is mandatory for the UC on UCS TRC support model but it is optional for the third-party server spec-based support model.
- E. VMware vCenter is optional for the UC on UCS TRC support model but it is mandatory for the third-party server spec-based support model.

## **Cisco 400-051 Exam**

Answer: E

Question No: 3

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

- A. storage arrays such as those from EMC or NetApp if applicable
- B. configuration of virtual-to-physical network interface mapping
- C. step-by-step procedures for hardware BIOSs firmware drivers and RAID setup
- D. server model and local components (CPUs RAMs adapters local storage) at the part number level
- E. configuration settings and patch recommendations for VMware software

Answer: D

Question No: 4

Which capability is supported by Cisco Discovery Protocol but not by LLDP-MED?

- A. LAN speed and duplex discovery
- B. Network policy discovery
- C. Location identification discovery
- D. Power discovery
- E. Trust extension

Answer: E

Question No: 5

Which two mechanisms does Cisco EnergyWise use for neighbor discovery? (Choose two.)

- A. multicast
- B. LLDP-MED
- C. UDP broadcast

## Cisco 400-051 Exam

D. Cisco Discovery Protocol

E. TCP

Answer: C, D

Question No: 6

Which protocol does the Cisco Prime LAN Management Solution application use to communicate with Cisco EnergyWise domain members?

A. UDP broadcast

B. Cisco Discovery Protocol

C. UDP unicast

D. TCP

E. multicast

Answer: D

Question No: 7

Refer to the exhibit.



Assuming that the administrator has never performed any manual custom uploads which two file types can be found when you choose Software Upgrades followed by TFTP File Management on the Cisco Unified Operating System Administration web page? (Choose two.)

A. IP phone configuration files

## **Cisco 400-051 Exam**

- B. sample music-on-hold audio files
- C. Identity Trust List files
- D. IP phone license files
- E. Mobile Voice Access audio files
- F. softkey template files

Answer: C, E

Question No: 8

Which statement describes a disadvantage of using the Cisco TFTP service to serve IP phone load files?

- A. The Cisco TFTP services can run on only one Cisco Unified Communications Manager server in a cluster.
- B. Because TFTP operates on top of UDPs there is a high risk of corrupted load file delivery at the completion of the TFTP process due to undetected data loss in the network.
- C. If a response is not received in the timeout periods the TFTP server will not resend the data packet.
- D. Packet loss can significantly increase the TFTP session completion time.
- E. Because TFTP operates with an adaptive timeout periods the time to complete the file transfer is unpredictable.

Answer: D

Question No: 9

Which two statements about using the Load Server option for IP phone firmware distribution are true? (Choose two.)

- A. This option must be enabled on at least two servers in a Cisco Unified Communications Manager cluster.
- B. This option must be enabled on Cisco Unified Communications Manager service parameters for Cisco TFTP.
- C. Phone firmware must be manually copied to any applicable load servers.

## **Cisco 400-051 Exam**

- D. The load server will not function if its IP address is not in the same subnet as the IP phones.
- E. This option is only available for newer IP phone models.
- F. This option does not accommodate falling back to Cisco TFTP on error.

Answer: C, F

Question No: 10

Which two statements about the Peer Firmware Sharing option for IP phone firmware distribution are true? (Choose two.)

- A. This option uses a parent-child hierarchy in which a firmware image is downloaded by a parent phone to up to three directly associated child phones.
- B. This option must be enabled on Cisco Unified Communications Manager service parameters for Cisco TFTP.
- C. This option mandates that the parent phone and child phones be identical selected phone models.
- D. This option allows firmware transfers between phones in different subnets as long as the round-trip delay is less than 5 milliseconds.
- E. This option uses a parent-child hierarchy that must be manually defined by the Cisco Unified Communications Manager administrator.
- F. This option allows falling back to the TFTP server in the Cisco Unified Communications Manager cluster.

Answer: C, F

Question No: 11

Which two statements about the Cisco UC on UCS specs-based virtualization support model are true? (Choose two)

- A. It has a configuration-based approach.
- B. It has a rule-based approach.
- C. It has less hardware flexibility compared to the third-party server specs-based support model.

## Cisco 400-051 Exam

- D. It has less hardware flexibility compared to the UC on UCS TRC support model.
- E. VMware vCenter is optional with this support model.

Answer: B, C

Question No: 12

Which definition is included in a Cisco UC on UCS TRC

- A. required RAID configurations when the TRC uses direct-attached storage
- B. configuration of virtual-to-physical network interface mapping
- C. step-by-step procedures for hardware BIOSs firmware drivers and RAID setup
- D. configuration settings and patch recommendations for VMware software
- E. server model and local components (CPU, RAM, adapters, local storage) by name only; part numbers are not included because they change over time

Answer: A

Question No: 13

Which capability is support by LLDP-MED but not by Cisco Discovery Protocol?

- A. LAN speed discovery
- B. network policy discovery
- C. location identification discovery
- D. power discovery
- E. trust extension

Answer: A

Question No: 14

In a Cisco EnergyWise domain, which two terms describe a Cisco IP phone? (Choose two)

## **Cisco 400-051 Exam**

- A. endpoint
- B. domain member
- C. child domain member
- D. EnergyWise agent
- E. Cisco power distribution unit

Answer: A, C

Question No: 15

Which statement about Cisco EnergyWise domain member neighbor formation is true?

- A. Cisco EnergyWise supports static neighbors but the neighbor relationship is only possible if a noncontiguous domain member and a contiguous domain member have a static neighbor entry pointing to each other.
- B. Cisco EnergyWise static neighbors can be formed even if domain members are not physically contiguous.
- C. Static neighbors can be manually defined on Cisco EnergyWise domain members but TCP protocols must be used.
- D. Static neighbors can be manually defined on Cisco EnergyWise domain members but they have a lower priority compared to the autodiscovered members.
- E. Static neighbors can be manually defined on Cisco EnergyWise domain members and the TCP or UDP protocol can be used.

Answer: B

Question No: 16

Refer to the exhibit.

## Cisco 400-051 Exam



Assuming that the administrator has never performed any manual custom uploads which two file types can be found when you choose Software Upgrades followed by TFTP File Management on the Cisco Unified Operating System Administration web page for Cisco Unified Communications Manager? (Choose two)

- A. IP phone configuration files
- B. announcement audio files
- C. ringer files
- D. IP phone license files
- E. sample music-on-hold audio files
- F. softkey template files

Answer: B, C

Question No: 17

Which four attributes are needed to determine the time to complete a TFTP file transfer process? (Choose four)

- A. file size
- B. file type
- C. network interface type
- D. round-trip time



## **Cisco 400-051 Exam**

E. packet loss percentage

F. response timeout

G. network throughput

Answer: A, D, E, F

Question No: 18

What is the maximum number of call-processing subscribers in a standard deployment of a Cisco Unified Communications Manager Session Management Edition cluster?

A. 3

B. 4

C. 5

D. 8

E. 16

Answer: D

Question No: 19

Which two SCCP call signaling messages are initiated by Cisco Unified Communications Manager to an IP phone? (Choose two)

A. SoftKeyEvent

B. CloseReceiveChannelAck

C. CallState

D. KeypadButton

E. OpenReceiveChannel

F. Offhook

Answer: C, E

## **Cisco 400-051 Exam**

Question No: 20

Which two SCCP call signaling messages are sent by an IP phone to Cisco Unified Communications Manager? (Choose two)

- A. SoftKeyEvent
- B. OpenReceiveChannelAck
- C. StartMediaTransmission
- D. SelectSoftKeys
- E. CloseReceiveChannel
- F. StopTone

Answer: A, B

Question No: 21

Which device is the initiator of a Station Init message in a Cisco Unified Communications Manager SDI trace?

- A. Cisco Unified Communications Manager
- B. MGCP gateway
- C. Cisco Music on Hold server
- D. SCCP IP phone
- E. SIP Proxy Server

Answer: D

Question No: 22

Refer to the exhibit.