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Vendor: Cisco

Exam Code: 648-244

Exam Name: Designing and Implementing Cisco Unified Communications on Unified Computing Systems

Version: Demo

Question No : 1

Which two server series support Cisco Unified Communications on Cisco Unified Computing Systems? (Choose two.)

- A. Cisco B-Series
- B. Cisco C-Series
- C. Cisco MCS Series
- D. Cisco R-Series
- E. Cisco Unified Communications Series

Answer: A,B

Explanation:

Question No : 2

Which two processor types or processor families are supported for Cisco Unified Communications on the Cisco Unified Computing System or specifications-based servers? (Choose two.)

- A. AMD FX-8100
- B. AMD Option E5
- C. Intel Xeon 5600
- D. Intel Xeon 6500
- E. Intel Xeon E7

Answer: C,E

Explanation:

Question No : 3

What is the maximum hard disk capacity that a Cisco UCS C210 M2 server supports?

- A. 1.2 TB
- B. 2.4 TB
- C. 8 TB
- D. 12 TB

E. 16 TB

Answer: E

Explanation:

Question No : 4

Which one best describes a unified port?

- A. Ethernet port
- B. Fibre Channel port
- C. host bus adapter port
- D. converged port

Answer: D

Explanation:

Question No : 5

What is the maximum amount of RAM that any Cisco C-Series server model can support?

- A. 192 GB
- B. 384 GB
- C. 768 GB
- D. 1 TB
- E. 2 TB

Answer: D

Explanation:

Question No : 6

How many fixed ports does the Cisco UCS 6296UP Fabric Interconnect offer?

-
- A. 20
 - B. 32
 - C. 40
 - D. 48
 - E. 96

Answer: D

Explanation:

Question No : 7

Which one is covered by a Tested Reference Configuration server?

- A. configuration of SAN and NAS devices
- B. configuration settings for BIOS
- C. DAS and RAID options
- D. patch recommendation

Answer: C

Explanation:

Question No : 8

Which two server types support a hybrid storage deployment? (Choose two.)

- A. Cisco UCS C200 M2
- B. Cisco UCS C210 M2
- C. Cisco UCS C260 M2
- D. Cisco UCS B200 M2
- E. Cisco UCS B230 M2
- F. Cisco UCS B440 M2

Answer: B,D

Explanation:

Question No : 9

Which two entries define a valid storage option for the Cisco UCS C210 M2 TRC 1 server? (Choose two.)

- A. DAS (2 disks RAID 0) for VMware
- B. DAS (2 disks RAID 1) for VMware
- C. DAS (4 disks RAID 5) for VMware
- D. DAS (8 disks RAID 5) for Cisco Unified Communications applications
- E. DAS (10 disks RAID 5) for Cisco Unified Communications applications

Answer: B,D

Explanation:

Question No : 10

Which two statements are true about Cisco Unified Communications Manager Business Edition? (Choose two.)

- A. Cisco Unified Communications Manager Business Edition 3000 is installed on a UCS server.
- B. Cisco Unified Communications Manager Business Edition 5000 replaces the previous Cisco Unified Communications Manager Business Edition.
- C. Cisco Unified Communications Manager Business Edition 5000 can be virtualized.
- D. Cisco UCS C200 M2 for Cisco Unified Communications Manager Business Edition uses DAS with 4 disks and RAID 10.
- E. Cisco Unified Communications Manager Business Edition 6000 supports up to 50 locations.

Answer: D,E

Explanation:

Question No : 11

How much vRAM do the main four applications require when deploying Cisco Unified Communications Manager Business Edition 6000?

-
- A. 12 GB
 - B. 14 GB
 - C. 16 GB
 - D. 30 GB

Answer: B

Explanation:

Question No : 12

When deploying a Cisco Unified Communications solution with a maximum of 2500 users, there is an OVA file with a limited storage footprint for Cisco Unified Communications Manager that is available. Which two parameters define this storage OVA template? (Choose two.)

- A. 55-GB vDisk
- B. 80-GB vDisk
- C. 2 * 60-GB vDisk
- D. 3-GB vRAM
- E. 4-GB vRAM
- F. 6-GB vRAM

Answer: A,D

Explanation:

Question No : 13

Which two server vendors can be selected when specification-based servers should be used? (Choose two.)

- A. AMD
- B. Dell
- C. IBM
- D. Intel
- E. HP

Answer: C,E

Explanation:

Question No : 14

What is the required minimum core speed for specification-based servers with Intel Xeon 5600 CPUs?

- A. 2.13 GHz
- B. 2.40 GHz
- C. 2.53 GHz
- D. 2.66 GHz

Answer: C

Explanation:

Question No : 15

What is the minimum speed of a Fibre Channel adapter when using specification-based servers?

- A. 1 Gb/s
- B. 2 Gb/s
- C. 4 Gb/s
- D. 8 Gb/s
- E. 16 Gb/s

Answer: B

Explanation:

Question No : 16

Which two statements would lead you to use a mixed Cisco Unified Communications Manager cluster with physical and virtual machines instead of a fully virtualized deployment? (Choose two.)

-
- A. when migrating from a physical to a virtual deployment
 - B. when inter virtual machine traffic should be switched with Cisco Nexus 1000V Series Switches
 - C. when using MOH audio live-stream devices
 - D. when you want to use direct-attached Fibre Channel SAN devices
 - E. when you need remote access to the BIOS setup

Answer: A,C

Explanation:

Question No : 17

Why should you use the Cisco Unified Communications Sizing Tool in addition to your design solution that you did manually?

- A. this is not necessary if the DocWiki guidelines for virtualized Cisco Unified Communications are followed
- B. to distribute and place the virtual machines automatically in the optimized way
- C. to calculate CPU and memory utilization
- D. to select the optimized OVA template for the deployment

Answer: C

Explanation:

Question No : 18

When designing a Cisco Unified Communications Manager cluster, how many MOH Unicast streams are supported per server when streaming is colocated?

- A. 48
- B. 128
- C. 250
- D. 256
- E. 500

Answer: E

Explanation:

Question No : 19

When designing a virtualized Cisco Unity Connection deployment, which two statements are true? (Choose two.)

- A. configure CPU affinity for Cisco Unity Connection
- B. reserve an unused core per Cisco Unity Connection virtual machine
- C. reserve an unused core per host server
- D. iLBC codec selection reduces the number of ports by 75 percent
- E. a Cisco Unity Connection cluster supports up to 40,000 users

Answer: C,D

Explanation:

Question No : 20

How many coresident applications can be hosted on a Cisco UCS C200 M2 server when using Cisco Unified Communications Manager Business Edition 6000?

- A. 3
- B. 4
- C. 5
- D. 6
- E. 8

Answer: B

Explanation:

Question No : 21

Which two vDisk options can be selected for the 20,000-user Cisco Unity Connection OVA template? (Choose two.)

-
- A. 2 * 146 GB
 - B. 2 * 200 GB
 - C. 2 * 256 GB
 - D. 2 * 300 GB
 - E. 2 * 450 GB
 - F. 2 * 500 GB

Answer: D,F

Explanation:

Question No : 22

How many Cisco Unified Communications Manager users can be processed by a Cisco UCS C210 M2 server compared to a Cisco MCS 7845-I3 server?

- A. single
- B. double
- C. triple
- D. quadruple
- E. quintuple
- F. sextuple
- G. octuple

Answer: D

Explanation:

Question No : 23

Which application can be colocated on the same server as the virtualized Cisco Unified Communications applications?

- A. DHCP server
- B. DNS server
- C. Cisco Nexus 1000V Series Switches
- D. VMware vCenter
- E. Cisco SocialMiner

Answer: E

Explanation:

Question No : 24

How many DIMM slots does the Intel Xeon 5600 processor architecture offer per socket?

- A. 3
- B. 6
- C. 9
- D. 12
- E. 18

Answer: C

Explanation:

Question No : 25

How many Cisco Media Communications Servers does a deployment require to reach a return on investment when deploying Cisco B-Series servers instead of Cisco Media Communications Servers in a newly installed data center?

- A. 2
- B. 5
- C. 10
- D. 15
- E. 20

Answer: E

Explanation:

Question No : 26

Which two make up the default username and password to access the Cisco Integrated

Management Controller for the first time? (Choose two.)

- A. admin
- B. administrator
- C. root
- D. password
- E. none (empty)
- F. Cisco123

Answer: A,D

Explanation:

Question No : 27

What is the disk efficiency factor when using RAID 10?

- A. $1/2$
- B. $1/n$
- C. $1/(n/2)$
- D. $1-1/n$

Answer: B

Explanation:

Question No : 28

Which of the following is not a general server status indicator?

- A. Good
- B. Fault
- C. Severed Fault
- D. Test in Progress

Answer: D

Explanation:

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