



Vendor: Cisco

Exam Code: 640-864

Exam Name: CCDA - Designing for Cisco Internetwork
Solutions (DESGN)

Version: DEMO

QUESTION 1

Which four services does the architecture for Media Services contain? (Choose four.)

- A. access services
- B. transport services
- C. storage services
- D. forwarding services
- E. session control services
- F. security services
- G. filtering services
- H. remote access services

Answer: ABCE

QUESTION 2

Drag and Drop Question

Drag the associated virtualization tool or solution on the left to the appropriate design requirement on the right.

VLANs and VSANs	virtual-machine visibility and policy control
Cisco Unified Computing System	simplified data center infrastructure and TCO
Cisco VN-Link technologies, including the Nexus 1000V Virtual Switch for VMware ESX	network, compute, and virtualization resources physically combined to deliver an optimized end-to-end virtualized environment
VSAN, virtual device contents, and unified fabric	physical networks and equipment separated into virtual entities

Answer:

Drag the associated virtualization tool or solution on the left to the appropriate design requirement on the right.

VLANs and VSANs	Cisco VN-Link technologies, including the Nexus 1000V Virtual Switch for VMware ESX
Cisco Unified Computing System	VSAN, virtual device contents, and unified fabric
Cisco VN-Link technologies, including the Nexus 1000V Virtual Switch for VMware ESX	Cisco Unified Computing System
VSAN, virtual device contents, and unified fabric	VLANs and VSANs

QUESTION 3

What is the maximum number of groups that is supported by GLBP?

- A. 64
- B. 256
- C. 512
- D. 1024

Answer: D

QUESTION 4

Which three service categories are supported by an ISR? (Choose three.)

- A. voice
- B. security
- C. data
- D. Internet
- E. storage
- F. satellite

Answer: ABC

QUESTION 5

Which three protocols support VLSM? (Choose three.)

- A. RIPv2
- B. RIPv1
- C. EIGRP
- D. OSPF
- E. IGRP

Answer: ACD

QUESTION 6

Which statement describes a unique advantage of EIGRP?

- A. It enables unequal-cost load balancing.
- B. It enables equal-cost load balancing.
- C. It enables source-based load balancing.
- D. It enables port-based load balancing.

Answer: A

QUESTION 7

ACME corporation is implementing dynamic routing on the LAN at its corporate headquarters. The interior gateway protocol that they select must support these requirements: multivendor environment, efficient subnetting, high scalability, and fast convergence. Which interior gateway protocol should they implement?

- A. EIGRP
- B. OSPF
- C. RIPv2
- D. BGP

Answer: B

QUESTION 8

Cisco Identity-Based Networking Services relies heavily on the 802.1X protocol. Which other

authentication solution is used hand-in-hand with 802.1X to authenticate users for network access?

- A. RADIUS
- B. LEAP
- C. IPsec
- D. TACACS
- E. ISAKMP

Answer: A

QUESTION 9

You are designing a network that requires a routing protocol that will use minimal network bandwidth. Which would satisfy this requirement?

- A. RIPv2
- B. RIPv6
- C. OSPF
- D. ARP
- E. EGP

Answer: C

QUESTION 10

Which two devices would you place in your DMZ to ensure enterprise edge security? (Choose two.)

- A. IPS
- B. NAC
- C. ASA
- D. ACS
- E. WCS

Answer: AC

QUESTION 11

During which phase of the PPDIOO model would you conduct interviews with supporting staff to develop and propose a viable solution?

- A. Prepare
- B. Plan
- C. Design
- D. Implement
- E. Operate
- F. Optimize

Answer: A

QUESTION 12

Which protocol is used for voice bearer traffic?

- A. MGCP
- B. RTP
- C. SCCP
- D. CDP
- E. ICMP

Answer: B

QUESTION 13

Your supervisor wants you to recommend a management protocol that will allow you to track overall bandwidth utilization, utilization by traffic type, and utilization by source and destination. Which is ideally suited for this function?

- A. MRTG
- B. NetFlow
- C. RRD
- D. SNMP

Answer: B

QUESTION 14

Which WLC interface is dedicated for WLAN client data?

- A. virtual interface
- B. dynamic interface
- C. management interface
- D. AP manager interface
- E. service port interface

Answer: B

QUESTION 15

Which two common cable management strategies are used in high-density server deployments in the data center? (Choose two.)

- A. top-of-rack
- B. middle-of-rack
- C. bottom-of-rack
- D. beginning-of-row
- E. middle-of-row
- F. end-of-row

Answer: AF

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