



Vendor: Cisco

Exam Code: 642-972

Exam Name: Designing Cisco Data Center Application
Services (DCASD)

Version: DEMO

QUESTION 1

Which two features of the Cisco ACE Module differentiate it from the Cisco ACE 4710 Appliance? (Choose two.)

- A. dual network processors
- B. HTTP compression coprocessor
- C. separate control and data planes
- D. hardware-based SSL coprocessor
- E. Ethernet out-of-band communication channel

Answer: AE

QUESTION 2

In which of these situations is the Cisco ACE feature for HTTP header rewrite useful?

- A. you need to enable SSL client certificates
- B. you need a backup server for fault tolerance
- C. you need to change the Rserver that receives a session without reproxying the connections
- D. you need to divert an unencrypted session to a server that listens only on an encrypted port

Answer: D

QUESTION 3

Why is WCCPv2 used in WAAS deployments?

- A. to enable firewall transparency
- B. to enable NetFlow data collection
- C. to redirect traffic to a Cisco ACE Module
- D. to intercept and redirect traffic to the WAE

Answer: D

QUESTION 4

Which Cisco ACE protocol communicates with the Cisco GSS to provide global load-balancing functionality?

- A. RHI
- B. GSSP
- C. SNMP
- D. KAL-AP

Answer: D

QUESTION 5

When deploying Cisco GSS into an infrastructure supporting e-commerce, how can you ensure clients will always be returned to the same site?

- A. make DNS sticky on the Cisco GSS
- B. use network proximity on the CSS

- C. use network proximity on the Cisco GSS
- D. make load balancing sticky on the Cisco ACE appliance

Answer: A

QUESTION 6

Which two of these are benefits of migrating from CSM to Cisco ACE? (Choose two.)

- A. virtualization
- B. server load balancing
- C. integration into MSFC IOS
- D. active-standby fault tolerance
- E. scalability with software licenses

Answer: AE

QUESTION 7

Given a design to load-balance a web application based on browser type, which type of decision will the Cisco ACE appliance need to make?

- A. a Layer 4 decision based on TCP port 80
- B. a Layer 7 decision based on the HTTP request header field HOST
- C. a Layer 7 decision based on the HTTP reply header field Browser_Type
- D. a Layer 7 decision based on the HTTP request header field User_Agent
- E. a Layer 7 decision based on the HTTP request header field Browser_Type

Answer: D

QUESTION 8

When a request for DNS name resolution is required in a DRP proximity implementation on the Cisco GSS, what is the maximum number of zones allowed within a single Cisco GSS proximity environment?

- A. 22
- B. 32
- C. 42
- D. 50

Answer: B

QUESTION 9

When considering a Cisco ACE Module implementation, a site survey should first be taken to confirm which two requirements? (Choose two.)

- A. Cisco Catalyst 4500 Switch chassis with an open-fabric-enabled port
Cisco Catalyst 4500 Series Supervisor Engine 4
Cisco IOS Software Release 12.2(31)SGA or later
- B. Cisco Catalyst 6509 Switch chassis with an open-fabric-enabled port
Cisco Catalyst 6500 Series Supervisor Engine 32

- Cisco IOS Software Release 12.2(18)SXF4 or later
- C. Cisco Catalyst 6709 Switch chassis with an open-fabric-enabled port
Cisco Catalyst 6700 Series Supervisor Engine 720
Cisco IOS Software Release 12.2(33)SXH or later
- D. Cisco Catalyst 6506 Switch chassis with an open-fabric-enabled port
Cisco Catalyst 6500 Series Supervisor Engine 720
Cisco IOS Software Release 12.2(18)SXF4 or later
- E. Cisco 7600 Switch chassis with an open-fabric-enabled port
Cisco 7600 Series Supervisor Engine 720
Cisco 7600 Series Route Switch Processor 720
Cisco IOS Software Release 12.2(18)SXF4 or later

Answer: DE

QUESTION 10

The Cisco GSS serves as an authoritative name server for one or more domains. When deploying it behind a firewall, which three of these must be configured on the firewall to permit communication through to it? (Choose three.)

- A. DNS queries
- B. CDP messages
- C. routing protocol updates
- D. other protocols (FTP, Telnet, SSH, SNMP)
- E. keepalive messages between the router and Cisco GSS
- F. keepalive protocols (KAL-AP, ICMP, HTTP, and user defined TCP Ports)

Answer: ADF

QUESTION 11

Which three resources can be allocated to a context? (Choose three.)

- A. SSL bandwidth
- B. flash allocations
- C. number of xlates
- D. control plane priority
- E. number of supported VIPs
- F. data connections per second

Answer: ACF

QUESTION 12

The Cisco ACE Module can obtain keys and certificates using which method?

- A. generate keys and self-sign its own certificate
- B. obtain keys and certificates from a root authority
- C. obtain keys from an external device and self-sign its own certificate
- D. generate keys and a CSR for certificate signing by a root authority

Answer: D

QUESTION 13

Which of these is true of a content-routing solution?

- A. only works for TCP-based applications
- B. is also referred to as server load balancing
- C. provides local redundancy in a single data center
- D. used for site selection in Global Site Load Balancing
- E. relies on extensions to the dynamic routing protocol to choose the nearest server

Answer: D

QUESTION 14

Your customer needs to deploy 25 WAEs in its data center. Which interception method or methods can be used to load-balance traffic across the WAEs?

- A. ACE only
- B. WCCPv2 only
- C. ACE or WCCPv2
- D. ACE, WCCPv2, or WAAS Central Manager

Answer: C

QUESTION 15

Which two statements are true of a DSR configuration? (Choose two.)

- A. Layer 4 load balancing is not possible.
- B. Layer 7 load balancing is not possible.
- C. PBR can be used to redirect return traffic to the Cisco ACE appliance.
- D. SNAT can be used to redirect return traffic to the Cisco ACE appliance.
- E. Stateful security tracking is not possible; TCP flows must be timed out to be removed from memory.

Answer: BE

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