**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

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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

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**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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