



Vendor: Cisco

Exam Code: 642-997

Exam Name: Implementing Cisco Data Center Unified
Fabric (DCUFI)

Version: DEMO

QUESTION 1

If you are using NAT in your data center, which load balancing would you be likely to use within your GLBP configuration?

- A. none
- B. round-robin
- C. host dependent
- D. weighted

Answer: C

QUESTION 2

Which command specifies a load-balancing method based on the MAC address of a host where the same forwarder is always used for a particular host while the number of GLBP group members remains unchanged?

- A. load-balancing host-dependent
- B. load-balancing mac-pinning
- C. load-balancing round-robin
- D. load-balancing weighted

Answer: A

QUESTION 3

Which feature allows routing protocols to remain in the data path during a supervisor failover?

- A. Cisco Nonstop Forwarding
- B. Cisco Stateful Switchover
- C. Cisco Express Forwarding
- D. Cisco Route Processor Redundancy

Answer: A

QUESTION 4

Which two functions are enabled when you set up vPC+ at the FabricPath edge? (Choose two.)

- A. the ability to attach Cisco Fabric Extenders in FEX active/active mode
- B. the ability to stop all Layer 3 egress traffic
- C. the ability to attach servers to edge switches with port-channel teaming
- D. the ability to attach additional Classic Ethernet switches in vPC+ mode

Answer: AC

QUESTION 5

How does addition of bandwidth between spine and leaf switches in a FabricPath architecture get utilized?

- A. Links between the same set of switches are automatically added to a port channel.
- B. Adding additional bandwidth is handled dynamically using the 802.1AX protocol.

- C. Traffic is load shared automatically across the available paths to the destination.
- D. FabricPath uses hardware bonding of physical interfaces to form higher-speed links.

Answer: C

QUESTION 6

Which two advantages does FabricPath have over Spanning Tree in implementing a loop-free network topology design? (Choose two.)

- A. Blocked links can be brought in to service if active links fail.
- B. Convergence times are faster.
- C. Multipath forwarding is supported for unicast and multicast Layer 2 and Layer 3 traffic.
- D. Unknown unicast addresses are flooded in through the originating port.

Answer: BC

QUESTION 7

Which four statements about reserved VLANs in Cisco NX-OS are true? (Choose four.)

- A. The range of reserved VLANs cannot be changed.
- B. The number of reserved VLANs is 96.
- C. A change to the range of reserved VLANs can be performed only in the VDC default.
- D. A write-erase procedure restores the default reserved VLAN range.
- E. The number of reserved VLANs is 128.
- F. A reload is needed for changes to take place.
- G. The configuration must be saved for changes to take place.

Answer: CEF G

QUESTION 8

Which two RFCs are supported by Cisco NX-OS devices for OSPFv2? (Choose two.)

- A. RFC 2238
- B. RFC 1918
- C. RFC 1583
- D. RFC 2453
- E. RFC 2740

Answer: AC

QUESTION 9

Which action limits the maximum number of routes that are allowed in the routing table?

- A. Use a filter BGP.
- B. Use only static routes.
- C. Use the maximum routes command inside address family.
- D. Use a route map to filter routes.

Answer: C

QUESTION 10

Which three options of encryption are supported in PIM hello messages? (Choose three.)

- A. cleartext
- B. DES-SHA1
- C. DES-CBC3-SHA
- D. Cisco Type 7
- E. RC4-SHA
- F. 3DES

Answer: ADF

QUESTION 11

Which command is used to associate EID-to-RLOC for a LISP site?

- A. #feature lisp
- B. #ipv6 lisp itr
- C. #ip lisp database-mapping
- D. #ip lisp itr map-resolver

Answer: C

QUESTION 12

Refer to the exhibit. What is the maximum IPv6 unicast route memory allocated?

```
vdc resource template TemplateA
    limit-resource port-channel minimum 4 maximum 128
    limit-resource span-ssn minimum 1 maximum equal-to-min
    limit-resource vlan minimum 32 maximum 1024
    limit-resource vrf minimum 32 maximum 1000
```

- A. 4 MB
- B. 8 MB
- C. 1024 MB
- D. 1 GB
- E. 5 MB

Answer: A

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