Cisco

Exam Questions 300-160

DCID Designing Cisco Data Center Infrastructure
NEW QUESTION 1
- (Exam Topic 1)
Which software runs on a device that is connected to a TrustSec-enabled port?

A. Requester
B. Authenticator
C. Supplicant
D. Authentication Proxy

Answer: C

NEW QUESTION 2
- (Exam Topic 1)
Which two options are valid for Layer 3 connectivity between Cisco Nexus 1000V Series VSM and VEM? (Choose two.)

A. an out-of-band management interface
B. a dedicated control interface
C. a virtual Ethernet interface
D. a dedicated packet interface
E. a VMware vCenter virtual machine virtual interface

Answer: AB

NEW QUESTION 3
- (Exam Topic 1)
Which two options are goals of virtualization in the data center? (Choose two.)

A. to provide automation for device deployment
B. to provide resource isolation
C. to automate the provisioning of VLANs
D. to provide Integration between devices in a heterogeneous network
E. to provide flexible resource management

Answer: CD

NEW QUESTION 4
- (Exam Topic 1)
Which two items represent data center virtualization technologies? (Choose two.)

A. ECMP
B. GLBP
C. LUN
D. VSAN
E. L2 firewall

Answer: CD

NEW QUESTION 5
- (Exam Topic 1)
Which technology does Cisco recommend for connecting a main data center to a remote data center?

A. LISP
B. OTV
C. FabricPath
D. vPC

Answer: B

NEW QUESTION 6
- (Exam Topic 1)
Which two platforms support the FCoE protocol? (Choose two)

A. Cisco MDS 9148S Series
B. Cisco MDS 9222i series
C. Cisco Nexus 2332TQ Series
D. Cisco nexus 7010 series
E. Cisco Nexus 2248TP series

Answer: CD

NEW QUESTION 7
- (Exam Topic 1)
Which option accurately describes the OSPF Graceful Restart feature in Cisco NX-OS?

A. keeps the control plane state active during an OSPF process restart
B. shuts down the OSPF process gracefully to replace the router  
C. prevents the OSPF process from restarting when the process crashes  
D. allows a router to remain in the data forwarding path during an OSPF process restart  

Answer: D

Explanation:
A graceful restart, or nonstop forwarding (NSF), allows OSPFv2 to remain in the data forwarding path through a process restart. When OSPFv2 needs to perform a graceful restart, it sends a link-local opaque (type 9) LSA, called a grace LSA.


NEW QUESTION 8  
- (Exam Topic 1)  
The classical aggregation layer design does not provide isolation on the control plane and on the data plane. What is the solution to this problem?  
A. STP  
B. VDC  
C. Cisco ISO ISSU  
D. HSRP  

Answer: B

NEW QUESTION 9  
- (Exam Topic 1)  
Which two STP port types are available in Cisco NX-OS? (Choose two.)  
A. normal  
B. edge  
C. blocked  
D. root  
E. point-to-point  

Answer: AB

Explanation:
You can configure a spanning tree port as an edge port, a network port, or a normal port. A port can be in only one of these states at a given time. The default spanning tree port type is normal. Edge ports, which are connected to Layer 2 hosts, can be either an access port or a trunk port.

NEW QUESTION 10  
- (Exam Topic 1)  
Drag and drop each Cisco UCS Fabric Interconnect feature on the left to the correct forwarding mode on the right.

A. Mastered  
B. Not Mastered  

Answer: A

Explanation:
End Host Mode:  
MAC learning on server ports only  
switching Mode:  
STP-enabled  
Uplinks (Ethernet) blocked according to STP

NEW QUESTION 11  
- (Exam Topic 1)  
Which two actions must be performed when you configure Cisco VN-Link in hardware? (Choose two.)  
A. Create a distributed virtual switch in Cisco UCS Manager.  
B. Add an ESX host to the distributed virtual switch in Cisco UCS Manager.  
C. Create a port profile and profile clients in Cisco UCS Manager.  
D. Create a standard switch on an ESXi host and map the network adapters to the switch.  
E. Create a distributed virtual switch under the datacenter folder in VMware vCenter.  

Answer: DE

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NEW QUESTION 12
- (Exam Topic 2)
Which two types of connections can be used to build data center interconnects via vPC? (Choose two)

A. company-owned DWDM
B. service providers MPLS
C. service provider IP
D. service provider DWDM
E. service provider VPLS

Answer: AD

NEW QUESTION 13
- (Exam Topic 2)
Which solution Enable you to scale up an IPS by load-balancing Traffic to servers or appliances

A. Cisco ASA with FIRE POWER Services
B. Cisco AMP
C. PBR
D. Cisco ITD

Answer: A

NEW QUESTION 14
- (Exam Topic 2)
Which use case requires a design that contains multiple VRF instances in a VDC?

A. Provide VRF-aware services to all Layer 3 interfaces.
B. Provide a route policy for incoming packets.
C. Provide routing updates between Layer 3 interfaces
D. Provide Layer 3 isolation within a VDC

Answer: D

NEW QUESTION 15
- (Exam Topic 2)
Designing data center interconnects requires the understanding of the loop avoidance mechanisms. Drag and drop the loop avoidance mechanisms from the left onto the technologies that utilize them on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 16
- (Exam Topic 2)
Which feature can be used to deploy overlapping IP address spaces within a tenant in the Cisco ACI fabric?

A. private networks  
B. external routed networks  
C. L3Out  
D. bridge domains

Answer: D

NEW QUESTION 17
- (Exam Topic 2)
You are designing a Cisco Fabric Interconnect and UCS blade project for a client that includes two fabric interconnects in high availability and one UCS blade chassis. The Cisco devices will be connected to the client's Fibre Channel storage system.

Which two SAN pool configurations are the minimum requirements for a successful operation? (Choose two.)

A. Create two WWNN pools per fabric interconnect cluster, one for fabric A and one for fabric B.  
B. Create one WWPN pool per blade chassis.  
C. Create two WWPN pools per fabric interconnect cluster, one for fabric A and one for fabric B.  
D. Create four WWNN pools per fabric interconnect cluster, two for fabric A and two for fabric B.  
E. Create one WWNN pool per blade chassis.

Answer: AC

NEW QUESTION 18
- (Exam Topic 2)
If an individual link fails which three features reduce convergences times when used with the protocols such as?

A. Port Channels  
B. BFD  
C. ECMP  
D. WCCP  
E. IGRP  
F. NFV

Answer: BCD

NEW QUESTION 19
- (Exam Topic 2)
Refer to the exhibit.

Based on the facts for the given connection, which DCI technology do you use?

A. OTV  
B. VPLS  
C. EoMPLS
NEW QUESTION 20  
- (Exam Topic 2)
Which statement regarding network management for the data center is true?

A. Flexible NetFlow can be used to provide enhanced network anomaly and security detection.
B. The Network Analysis Module is best deployed in the core for highest visibility.
C. NetFlow Support is available on most IOS and Nexus products, excluding the Nexus 1000v
D. NetFlow Data Export is best positioned on the Nexus 5500 at the access or aggregation layer.

Answer: A

NEW QUESTION 21  
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