Exam Questions 400-151

CCIE Data Center Written Exam
NEW QUESTION 1
Refer to the exhibit.

An admin has created a new EPG in an ACI fabric. The admin then specified static path binding as shown in exhibit. After submitting this policy configuration, the admin noticed that this newly created EPG had the fault shown in the exhibit. Which option is the likely Explanation: of this fault?

A. There is no fault
B. The fault is currently in the soaking state and the fault will automatically clear and everything will work as expected
C. The encap VLAN configured is not within the allowed range of VLANs as specified by the associated domain
D. There is not enough information to determine the cause of the problem
E. The admin incorrectly configured this static path as a “trunk” when it should have been configured as an access (untagged) port

Answer: B

NEW QUESTION 2
An IoT Solution is more likely to generate a lot of analytics and data. Which of the following enables this information to be analysed and managed through integration with 3rd party devices and applications?

A. ASR
B. API
C. Prime Infrastructure
D. IP67

Answer: B

NEW QUESTION 3
Which two actions must occur for an APIC to be discovered successfully into a new ACI fabric? (choose two)

A. LLDP must be disabled on the virtual interface card of the APIC
B. LLDP must be enabled on the virtual interface card of the APIC
C. The controller must be discovered automatically
D. A BIOS password must be set
E. The fabric controller target size must be equal to or greater than the number of APICs

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NEW QUESTION 4
Considering the ITIL v3 model, what are Puppet and Chef primarily used for?
A. release management
B. problem management
C. configuration management
D. change management

Answer: C

NEW QUESTION 5
Which definition of Intelligent Service Card Manager is true?
A. part of the RISE service that resides on an appliance (for example, Citrix NetScaler) that is responsible for sending Route Health Injection messages to a Cisco Nexus switch
B. management software to manage provisioning of RISE services on a Cisco Nexus switch
C. management software to manage Cisco Nexus devices
D. part of the RISE service that resides on a Cisco Nexus switch that is responsible for handling tasks related to receiving Route Health Injection messages from appliances and programming those routes in the universal routing information base
E. part of the RISE service that is responsible for establishing initial connectivity with remote appliances (for example, Citrix NetScaler)

Answer: D

NEW QUESTION 6
Which three LSA types are valid for OSPFv2? (Choose three)
A. Router LSA: an LSA sent by every route
B. This LSA includes the state and the cost of all links and a list of all OSPFv2 neighbors on the link
C. AS Internal LSA: an LSA generated by the ASB
D. AS Internal LSAs are flooded only within the autonomous system
E. Backbone Summary: an LSA sent by the backbone router to all the OSPF areas
F. DR Summary LSA: an LSA sent by the DR router to all the others on network
G. Default LSA: an LSA generated by the ASB
H. These LSAs are used to propagate default route into OSPF
I. Network LSA: an LSA sent by the D
J. This LSA lists all routers in the multi-access network
K. Opaque LSA: an LSA used to extend OSPF

Answer: AFG

NEW QUESTION 7
Which two statements about the Cisco Open SND Controller are true? (Choose two.)
A. It is a commercial distribution based on the OpenFlow controller.
B. Your own, new network service functions can be added via Java APIs.
C. Security is enforced by using the Open Services Gateway Initiative framework.
D. The controller is available as an appliance only.
E. It can be used in multivendor environments.

Answer: BE

NEW QUESTION 8
Which three statements are considered best practice when directly connecting converged network adapters to the fabric? (Choose three)
A. Cisco Unified Fabric links must be configured as access ports and FCoE VLAN must not be configured as a native VLAN
B. If MSTP is enabled, a separate MST instance must be used for FCoE VLANs
C. Cisco UF links must be configured as spanning-tree edge ports
D. A shared VLAN can be used to carry traffic for each virtual fabric in the SAN (for example, VLAN 1002 for VSAN 1, VSAN 2, and so on)
E. Separate FCoE VLANs must be used for FCoE in SAN-A and SAN-B
F. A blade switch must connect to multiple converged access switches in a topology.

Answer: BCE

NEW QUESTION 9
Which state is the optimal health state for an APIC cluster?
A. fully sync’d
B. in service
C. in-sync
D. fully fit

Answer: D
NEW QUESTION 10
Which three options are valid sources for Cisco UCS monitor sessions? (Choose three)

A. VLAN
B. vNIC
C. vHBA
D. VSAN
E. uplink FC interface
F. pin group

Answer: CDE

NEW QUESTION 11
Which two statements about ACI border leaf are true? (Choose 2)

A. Only 32 border leaves are supported in an ACI fabric
B. The border leaves are ACI leaves that provide Layer 3 connections to outside networks.
C. The border leaf can also be used to connect to compute, IP storage, and service appliances.
D. The border leaves are dedicated leaf switches that support only Layer 2 and Layer 3 out in an ACI fabric.

Answer: BC

NEW QUESTION 12
When designing a FabricPath environment, which option is considered best practice for interface connection type between a set of leaf and spine nodes?

A. routed interface
B. port channel
C. single interfaces
D. virtual port channel
E. routed port channel

Answer: B

NEW QUESTION 13
DRAG DROP
Drag and drop components of policy drive Layer 4 - Layer 7 services in an ACI environment from left onto the correct definitions on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 14
Refer to the exhibit.

When you attempt to apply a new service profile in cisco USC Manager, you are presented with these error messages. Which cause is the most probable?

A. No more UUIDs are available in the pool to be assigned
B. The service profile is tied to a server pool that has no available blades
C. The service profile is using more vNICs than the physical adapter can support
D. The service profile is using more vHBAs than the physical adapter can support

Answer: B

NEW QUESTION 15
Refer to the exhibit.
Which option describes the main purpose of the XML messages?

A. Shut down an existing port group profile
B. Delete an existing port group profile
C. Modify an existing port group profile
D. Create a new port group profile

Answer: D

NEW QUESTION 16
Which two statements about this configuration command sequence with regards to the cisco nexus 5500 are true? (Choose 2)

Switch# configure terminal
Switch (config) # fcoe camp 0e.fc.2a

A. It permits this node to form FCoE ISLs only with other nodes configured for the same FCMAP.
B. It configures this node to use 0EFC2A as the first 3 bytes of the FPMA.
C. It configures this node to use 0EFC2A as the last 3 bytes of the FPMA.
D. It reserves this FCID so only this node can use this FCID when communicating with other Fiber Channel entities.
E. It configures this node to use FCID 0EFC2A to forward the FDISC to when an endpoint is connected.

Answer: BE

NEW QUESTION 17
Which three statements about IP source guard are true? (Choose 3)

A. IP source Guard is dependent upon DHCP snooping to build and maintain the IP-MACAddress binding table or upon manual maintenance of static IP-source entries.
B. IP source guard requires that CHCP snooping is disabled.
C. By default, IP source guard is enabled on all interfaces.
D. IP source guard limits IP traffic on an interface to only those sources that have an IP=MAC address binding table entry or static IP source entry.
E. When you first enable IP source guard on an interface, you may experience disruption in IP traffic until the hosts on the interface receive a new IP address from a DHCP server.

Answer: ADE

NEW QUESTION 18
Refer to the exhibit.

You have been investigating an issue with your Cisco UCS blade booting from remote Fibre Channel storage. Upon inspection, you see the output in the exhibit. Which two statements are true? (Choose two)

A. FC_ID 0x5e01ef is that of the storage array
B. FC_ID 0x5e003c is that of the HBA
C. FC_ID 0x5e003c is that of the MDS or Cisco Nexus 5000 Series Switch
D. FC_ID 0x5e003c is that of the storage array
E. FC_ID 0x5e01ef is that of the MDS or Cisco Nexus 5000 Series Switch
Answer: A8

Explanation:
https://nicholasgerasimatos.wordpress.com/2014/01/10/cisco-ucs-boot-from-santroubleshooting/

NEW QUESTION 19
After you deploy a Layer 4 - Layer 7 service graph in Cisco AC, where do you modify the parameters of the Layer 4 - Layer 7 device(s)?

A. under the Consumer EPG > L4-L7 Service Parameters
B. under the Service Graph Template
C. under the Provider EPG > L4-L7 Service Parameters
D. under the Deployed Graph Instance

Answer: D

NEW QUESTION 20
A user is presented with the underlying hardware and software needed to develop and offer applications via the Internet from a cloud service provider. Which cloud model is this user consuming?

A. Software as a Service
B. Application as a Service
C. Infrastructure as a Service
D. Platform as a Service

Answer: D

NEW QUESTION 21
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