

300-160 Dumps

DCID Designing Cisco Data Center Infrastructure

<https://www.certleader.com/300-160-dumps.html>



NEW QUESTION 1

Service graphs are used to define which option on the Cisco ACI platform?

- A. a function that a contract must use to get to another contract
- B. a policy that an EPG must use to get to another EPG
- C. the contract between two EPGs
- D. the Cisco APIC definitions of the contracts in REST API

Answer: B

NEW QUESTION 2

Which type of switch interfaces are supported in classic NPV mode for a Fibre Channel network?

- A. the vFC internal port and the physical external port
- B. the physical internal port and the physical external port
- C. the vFC internal port and the vFC external port
- D. the vFC external port and the physical internal port

Answer: D

NEW QUESTION 3

In which OTV transport mode must an AED router create multiple copies of each control plan packet?

- A. site-to-site
- B. unicast-only
- C. multicast
- D. anycast

Answer: B

Explanation: <http://www.cisco.com/c/en/us/products/collateral/routers/asr-1000-series-aggregation-services-routers/guide-c07>

NEW QUESTION 4

Which protocol must the NICs, CNAs, and underlying physical data center network fabric support to enable lossless iSCSI?

- A. DCBX
- B. FSPF
- C. TRILL
- D. PBB

Answer: A

NEW QUESTION 5

You have a Cisco UCS Fabric Interconnect that connects to upstream switches via four 10-Gbps port channels. You have a fully populated Cisco UCS B-Series Blade Server chassis that has a UCS-IOM 2208XP installed and uses all of the ports for the blade servers. What is the oversubscription ratio between the chassis and the upstream switch?

- A. 6:1
- B. 3:1
- C. 2:1
- D. 4:1

Answer: B

NEW QUESTION 6

Which option accurately describes updating vNICs templates?

- A. can be used to automate the configuration of STP
- B. requires that the same VLANs be enabled on all service profiles and Cisco UCS Fabric Interconnects
- C. requires that STP be enabled on all service profiles and Cisco UCS Fabric Interconnects
- D. can be used to add or remove VLANs from all of the associated service profiles

Answer: D

NEW QUESTION 7

Which two statements accurately describe lossless iSCSI? (Choose two.)

- A. A lossless iSCSI provides additional flow Control by using pause frames at the Ethernet layer along with TCP flow control.
- B. Bandwidth is shared with all of the traffic on the wire.
- C. A lossless iSCSI works only on DCBX-enabled switches.
- D. A lossless iSCSI can be combined with native Fibre Channel fabrics to provide redundancy.
- E. A lossless iSCSI works on all Ethernet switches.

Answer: BD

NEW QUESTION 8

Which two options are advantages of the core-edge SAN topology as compared to the collapsed-core SAM topology? (Choose two.)

- A. predictable performance
- B. minimized ISL usage
- C. easier to analyze and tune performance
- D. single management interface
- E. higher scalability

Answer: AE

Explanation: https://supportforums.cisco.com/document/125836/core-edge-and-collapse-core-san-topologies#Core-Edge_Top

NEW QUESTION 9

Which two options are valid methods for configuring VLANs on a Cisco UCS cluster? (Choose two.)

- A. globally per Cisco UCS cluster
- B. by using Cisco UCS Fabric Interconnect
- C. by using vPC domain configuration
- D. by using VTP
- E. by using CFS

Answer: AB

Explanation: <http://www.cisco.com/c/en/us/support/docs/servers-unified-computing/ucs-2104xp-fabric-extender/110517-vlan>

NEW QUESTION 10

Which two terms relate to the capability of a physical NIC to present virtual NICs to the operating system or hypervisor? (Choose two.)

- A. VM-FEX
- B. NPIV
- C. Adapter-FEX
- D. NIV
- E. host vPC
- F. NIC teaming

Answer: CD

NEW QUESTION 10

You plan to use vPC+ in a FabricPath topology. What are two characteristics of a vPC+ switch ID? (Choose two.)

- A. must be set to 255
- B. must be set manually
- C. can be reused in the FabricPath topology
- D. must be the same on each vPC+ peer
- E. must be different on each vPC+ peer

Answer: CD

NEW QUESTION 15

What are two benefits of a service insertion that is mediated through the Cisco APIC instead of the classical Ethernet model? (Choose two.)

- A. provides Layer 5 service insertion capability
- B. provides Layer 7 service insertion capability
- C. provides policies that can manage the network and service appliances
- D. can automate the service insertion
- E. provides built-in services, such as Cisco ACE Web Application Firewall and ADC

Answer: BC

NEW QUESTION 16

Which technology provides the ability to use all links in a LAN topology by providing an active-active path to the upstream switch?

- A. STP
- B. vPC
- C. PVST+
- D. RSTP

Answer: B

NEW QUESTION 17

Which access layer technology will provide redundancy if there is a link failure on a server link?

- A. VDC
- B. MPLS
- C. vPC
- D. Cisco OTV

Answer: C

NEW QUESTION 21

What is one example that is true concerning network management for the data center?

- A. The Network Analysis Module is best deployed in the core for highest visibility.
- B. It utilizes flexible NetFlow for enhanced network anomaly and security detection.
- 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 layers.

Answer: B

NEW QUESTION 22

Spanning Tree Protocol runs at which functional layer of the data center?

- A. core layer
- B. access layer
- C. application layer
- D. network layer

Answer: B

NEW QUESTION 23

A customer is interested in endpoint security at the access layer, which option is Cisco recommended?

- A. ACLs
- B. DAI
- C. TrustSec
- D. stateful inspection
- E. UDLD

Answer: C

NEW QUESTION 25

Which technology uses TCP as a block I/O transport?

- A. iSCSI
- B. NFS v4
- C. CIFS
- D. FCoE

Answer: A

NEW QUESTION 28

You have a Cisco Nexus 5500 Series switch. What is the default load-balancing hash mechanism for traffic on FCoE port channels?

- A. the source MAC address
- B. the source IP address and the destination IP address
- C. the source MAC address and the destination MAC address
- D. the source TCP or UDP port and the destination TCP or UDP port

Answer: B

Explanation: On Nexus 5500 the default load balancing mechanism on the LACP port-channel for FCoE traffic is "source-destination". In this default state, all the FCoE traffic takes the same link in the port-channel when the Nexus 5500 forwards frames over FCoE VE ports. In order to enable all links to be used in the port-channel for FCoE traffic, enter the port-channel load-balance ethernet source-dest-port command to configure Nexus 5500 "port-channel load balancing" to "source-dest-port". With this configuration "source-destination-oxid" load balancing is used for FCoE traffic.

NEW QUESTION 32

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 34

Which two options represent an access layer solution designed to accelerate server virtualization, that is managed just like other network devices in the data center? (Choose two)

- A. MPIO
- B. host vPC
- C. VEM
- D. VSS
- E. VSM

Answer: CE

Explanation: When server virtualization is implemented, the edge of the network is pushed from the traditional location in the network access layer, implemented in physical switches, to the virtual network access layer that is implemented in software in the server hypervisor. The Cisco Nexus 1000V Switch is an intelligent virtual network access layer switch that runs Cisco NX-OS Software, Cisco's data center operating system that runs on all Cisco data center products. Operating inside the Microsoft Hyper-V hypervisor, the Cisco Nexus 1000V supports Cisco Virtual Network Link (VN-Link) server virtualization technology to provide:

- ▶ Policy-based virtual machine connectivity
- ▶ Mobile virtual machine security and network policy
- ▶ Nondisruptive operating model for your server virtualization and networking teams

When server virtualization is implemented in the data center, servers and virtual machines are not managed the same way as physical servers. Server virtualization is treated as a special deployment, leading to longer deployment time, with more coordination needed among server, network, storage, and security administrators. With the Cisco Nexus 1000V, you have a consistent networking feature set and configuration and provisioning model for both the physical and the virtual networks. Virtual machine networks can use the same network configuration, security policy, diagnostic tools, and operating models as physical server deployments that are connected to physical switches. This unified approach provides faster deployment and troubleshooting and makes the administration of virtualization environments essentially the same as for nonvirtualized deployments.

Developed in close collaboration with Microsoft, the Cisco Nexus 1000V Switch is certified by Microsoft and integrates with Microsoft Windows Server and Microsoft System Center Virtual Machine Manager

(SCVMM). You can use the Cisco Nexus 1000V to manage your virtual machine connectivity with confidence in the integrity of the server virtualization infrastructure.

Cisco Nexus 1000V Switch Components

Cisco Nexus 1000V Switches have two main components:

- ▶ Virtual supervisor module (VSM)
- ▶ Virtual Ethernet module (VEM)

The VSM provides the switch control and management plane, and the VEM provides the data plane for the switch (Figure 1). The VSM can run as a virtual machine on any Microsoft Hyper-V host or as a virtual service node on the Cisco Nexus 1010 and 1110. The VEM runs as a plug-in (extension) to the Microsoft Hyper-V switch in the hypervisor kernel, providing switching between virtual machines.

Cisco Nexus 1000V sees the VSMs and VEMs as modules. In the current release, a single VSM can manage up to 64 VEMs. The VSMs are always associated with slot numbers 1 and 2 in the virtual chassis. The VEMs are sequentially assigned to slots 3 through 66 based on the order in which their respective hosts were added to the Cisco Nexus 1000V Switch.

NEW QUESTION 39

Which two options are supported on Cisco UCS Fabric Interconnects that use native Fibre Channel connectivity? (Choose two)

- A. iSCSI
- B. NFS
- C. DAS
- D. SAN
- E. iFCP

Answer: CD

NEW QUESTION 44

Which two options are advantages when using NPIV? (Choose two.)

- A. allows a single physical N-Port to have single WWPNs, and therefore single N-Port IDs, associated with it
- B. NPIV-enabled physical N-Port can subsequently issue additional commands to register more WWPNs and receive more N-Port IDs (one for each WWPN).
- C. allows a 'single' physical N-Port to have multiple WWPNs, and therefore multiple N-Port IDs, associated with it
- D. NPV-enabled physical N-Port can subsequently issue additional commands to register more WWPNs and receive more N-Port IDs (one for each WWPN).
- E. allows 'multiple' single physical N-Port to have multiple WWPNs, and therefore multiple N-Port IDs, associated with it
- F. N-Port on the physical host would have only a single WWPN (and N-Port ID).

Answer: BC

NEW QUESTION 49

Which component of a Cisco Nexus 1000V Series switch is responsible for propagating configurations to virtual switches?

- A. SUP
- B. FEX
- C. VSM
- D. VEM

Answer: C

Explanation: Product Architecture

The Cisco Nexus 1000V Series Switch has two major components (Figure 1): the virtual Ethernet module (VEM), which runs inside the hypervisor, and the virtual supervisor module (VSM), which manages the VEMs.

Virtual Supervisor Module

The Cisco Nexus 1000V Series VSM controls multiple VEMs as one logical modular distributed virtual switch. Configuration is performed through the VSM and is automatically propagated to the VEMs.

http://www.cisco.com/c/en/us/products/collateral/switches/nexus-1000v-switch-vmware-vsphere/data_sheet_c78

Topic 2, Main Exam Set 2 (NEW QUESTIONS)

NEW QUESTION 50

What is required when configuring the second fabric interconnect in a cluster configuration?

- A. The IP address of the default gateway must be on the same subnet as the peer fabric interconnect.
- B. The system name of the second fabric interconnect must be different from the system name of the first fabric interconnect.
- C. The IP address of the management port must be in the same subnet as the peer fabric interconnect.
- D. The first and the second fabric interconnects must be able to reach the DNS.

Answer: B

NEW QUESTION 51

Why would you configure FCoE to use jumbo frames?

- A. to enable the network to create a no-drop CoS
- B. to provide a credit-based flow control mechanism
- C. to prevent a Fibre Channel frame from being split into two Ethernet frames
- D. to provide prioritized processing that is based on bandwidth allocation and low latency

Answer: B

NEW QUESTION 52

You are designing a Cisco Fabric Interconnect. UCS Blade chassis, and stand-alone UCS server solution for a large public cloud provider The design includes these items

- one upstream Cisco Nexus 7000 Series switch that provides LAN and SAN connectivity
- ten Fabric Interconnect switches (five pairs in high availability)
- five fully equipped Cisco UCS Blade chassis per fabric interconnect switches pair
- fifty Cisco UCS stand-alone servers

Which two statements are true regarding the SAN connection from the fabric interconnect switches to the upstream Cisco Nexus 7000 Series switch? (Choose two.)

- A. The maximum number of domain IDs that can be addressed by the Fibre Channel protocol is 355
- B. Fabric interconnect switches must be designed in end host mode
- C. Fabric interconnect switches must be designed in switch mode
- D. Cisco UCS Blade servers and stand-alone servers must be connected to the SAN directly
- E. The Cisco Nexus 7000 Series switch must deploy NPIV

Answer: AE

NEW QUESTION 53

Which type of device can be deployed to add multi-homing capability to an OTV implementation?

- A. vPC
- B. IS-IS
- C. Edge
- D. Layer 2 gateway

Answer: C

NEW QUESTION 58

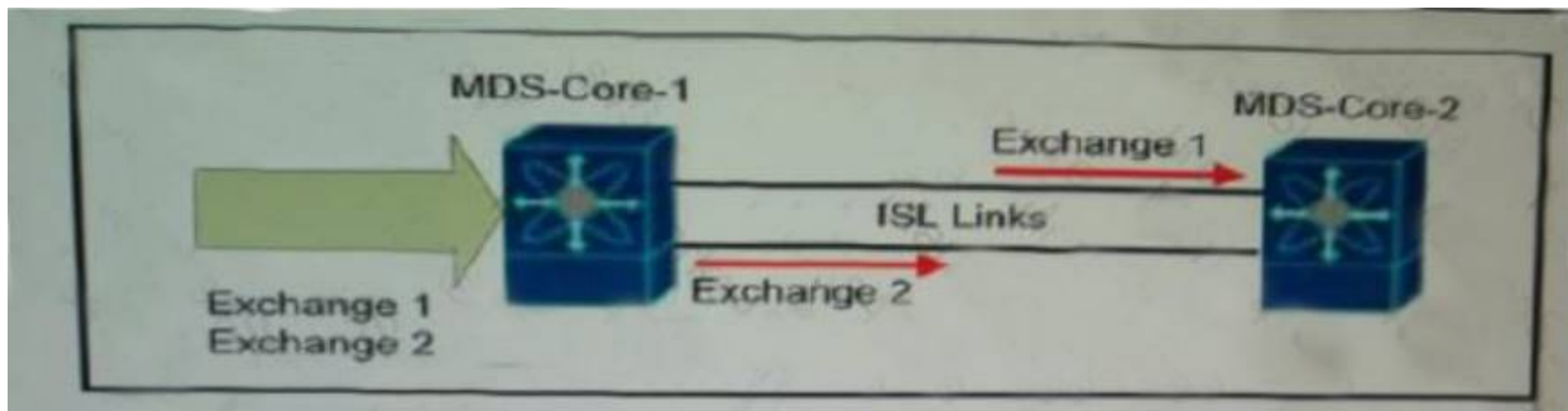
Which two options are reasons to use Layer 3 routing to segment a data center instead of Layer 2 switching? (Choose two.)

- A. limit the scope Spanning Tree Protocol
- B. limit the scope simplify design
- C. broadcast flooding
- D. ease of routing protocol configuration
- E. cost

Answer: AB

NEW QUESTION 62

Refer to the exhibit.



Your client has an existing San network includes two ISL link between two cisco MDS Core switches a client ask you design a feature the load balance the iScSI exchanges coming from the initiator over the two ISL link the design must be capable for over coming failures, which design is required?

- A. ECMP
- B. FSPF supports the load balancing without the need of any additional features
- C. Fabric Path
- D. OXID

Answer: D

NEW QUESTION 64

Which description of UDLD aggressive mode is true?

- A. is enabled by default on all fiber-optic interfaces
- B. can be configured on point-to-multipoint links only
- C. is enabled by default on copper interfaces
- D. can be configured on point-to-point links only

Answer: D

NEW QUESTION 69

Which solution enables you to scale up an IPS by load-balancing traffic to servers or appliances?

- A. Cisco ITD
- B. Cisco AMP
- C. Cisco ASA with FirePOWER Services
- D. PBR

Answer: A

NEW QUESTION 71

Which option must be enabled to allow line-rate forwarding on a Fibre Channel port?

- A. F port
- B. TEport
- C. dedicated mode
- D. shared mode
- E. E port

Answer: C

NEW QUESTION 75

Two Cisco Nexus 5000 series switches have successfully formed a VPC domain the VPC domain in the entire Topology. Which two action are needed to achieve this goal? (choose two)

- A. Enable the peer gateway feature under the VPC domain
- B. Enable the peer Switch feature under the VPC domain
- C. Enable the peer Keepalive feature under the VPC domain
- D. Configure identical VLAN priorities on both Nexus switches that from the VPC domain
- E. Configure different VLAN priorities on both Nexus switches that from the VPC domain

Answer: BD

NEW QUESTION 76

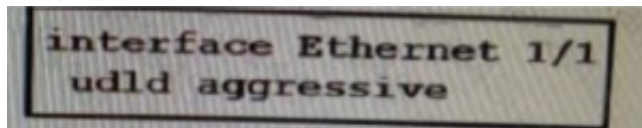
Which two storage technologies can be integrated into the Cisco ACI fabric? (Choose two)

- A. FCIP
- B. DAS
- C. iSCSI
- D. NAS
- E. FC

Answer: CE

NEW QUESTION 80

Refer to exhibit.



What is the result of the configuration

- A. The interface is disabled if aggressive UDLD is configured on neighbor interface
- B. UDLD attempts to reestablish the connection to the neighbor by sending packets every second for 8 seconds before disabling
- C. The interface operates as a point-to-multipoint interface
- D. UDLD attempts to reestablish the connection to the neighbor once before disabling the port

Answer: D

NEW QUESTION 81

Which two statements about OTV are true? (Choose two.)

- A. OTV forwards and processes spanning-tree BPDUs between sites to ensure a loop-free topology.
- B. All OTV overlay interfaces must use the same join interface.
- C. OTV provides STP isolation because it does not transmit BPDUs across the overlay
- D. OTV utilizes the IS-IS routing protocol to propagate MAC address reachability information
- E. Multicast support in the transport network is a strict requirement to establish OTV adjacencies.
- F. OTV propagates MAC address reachability information via the underlying IS-IS control-plane.

Answer: CD

NEW QUESTION 84

Which statement accurately describes the allocation of IP pool for out-of-band management of Cisco?

- A. A maximum of eight OOB IP addresses can be configured to access the CIMC on the server
- B. The management IP address used to access CIMC on a server can be an out-of-band address that is connected via the fabric uplink port
- C. A maximum of sixteen OOB IP addresses can be configured to access the CIMC on the server
- D. The management IP address used to access CIMC on a server can be an out-of-band address that is connected via the Management port

Answer: B

NEW QUESTION 89

You are designing an OSPF topology for a client using Cisco NEXUS 7000 series switches. Your client asks if it is possible to have graceful restart on the Cisco Nexus switches because they will connect to the gateway routers of another vendor. How do you respond?

- A. Nexus 7000 series switches support NSF and GR with Cisco devices only
- B. Nexus 7000 series switches must connect to Cisco Catalyst 6800/6900 series switches to support NSF and GR with the routers
- C. Nexus 7000 series switches lack support for NSF and GR
- D. Nexus 7000 series switches support the IETF method and NSF and GR will function properly.

Answer: D

NEW QUESTION 93

Which three statements accurately describe end host mode on Cisco UCS Fabric Interconnect? (Choose three)

- A. The Fabric Interconnect must be rebooted to enable end host mode
- B. Network-to-server unicast traffic is forwarded to the server only if the traffic arrived on a pinned uplink link mode
- C. RPF and Deja-Vue checks apply to multicast traffic
- D. The uplink ports are placed in rapid PVST+ edge trunk state
- E. MAC address learning occurs only on the server ports
- F. The vtp is enabled on fabric interconnect

Answer: ABE

NEW QUESTION 96

Which statement accurately describes Ethernet switching mode on a Cisco UCS Fabric Interconnect?

- A. VTP is enabled on the Fabric Interconnect
- B. PVST+ runs on the Fabric Interconnect.
- C. The uplink ports are placed in a Rapid PVST+ edge trunk state
- D. The vNICs can be configured for failover

Answer: B

NEW QUESTION 99

Which three actions must you perform to implement Cisco FabricPath on a data center network? (Choose three)

- A. Configure the VLAN in FabricPath mode
- B. Configure the interface to use the STP type of normal
- C. Configure the interfaces in FabricPath mode

- D. Configure the interfaces in trunk mode
- E. Enable the IS-IS feature
- F. Install the FabricPath feature set

Answer: ACF

NEW QUESTION 103

You are evaluating Ethernet connectivity options for a data center design. Drag and drop the cabling options from the left onto the correct connectivity designs on the right. Not all options are used.

| | |
|--------------------------|---|
| two RJ-45 patch cables | 40 GB of bandwidth from each fabric interconnect to a blade chassis |
| two SFP+ Twinax cables | two 20 GB vPC port channels |
| one SFP+ Twinax cable | one 20 GB port channel to a top-of-rack fabric extender |
| one RJ-45 patch cable | pair of clustered fabric interconnects |
| four SFP+ Twinax cables | |
| two QSFP breakout cables | |

Answer:

Explanation:

| | |
|--------------------------|-------------------------|
| two RJ-45 patch cables | one SFP+ Twinax cable |
| two SFP+ Twinax cables | two RJ-45 patch cables |
| one SFP+ Twinax cable | one RJ-45 patch cable |
| one RJ-45 patch cable | four SFP+ Twinax cables |
| four SFP+ Twinax cables | |
| two QSFP breakout cables | |

NEW QUESTION 106

Which data center virtualization option allows each partition to specify a different set of administrators and maintains its all own unique configuration and set of running software process?

- A. VRF
- B. VDC
- C. 100v VEM
- D. vPC

Answer: B

NEW QUESTION 107

How is oversubscription between disk arrays and hosts calculated when you use only line-rate capable line cards?

- A. by dividing the total bandwidth of the disk array ports by the total bandwidth of the Inter-Switch Links
- B. dividing the total bandwidth of the host ports by the total bandwidth of the disk array ports
- C. by dividing the total bandwidth of the host ports by the total bandwidth of the Inter-Switch Links
- D. by dividing the total bandwidth of the disk array ports by the total bandwidth of the host ports

Answer: B

NEW QUESTION 111

You are designing a Cisco Fabric interconnect blade chassis and stand alone UCS server solution for a large public cloud provider the design includes these items
One upstream cisco nexus 7000 series switches that provides LAN and SAN connectivity
Ten Fabric interconnect switches (five pair in high availability)
Five fully equipped cisco UCS blade chassis per fabric interconnect switches pair
Fifty cisco UCS stand alone servers
Which statement ae true regarding San connections from the fabric interconnect switches to the upstream cisco nexus 7000 series switch? (choose two)

- A. Fabric interconnect switches must be design in end host mode
- B. The maximum no of domain ids that can be addressed by the fiber channel protocol 355
- C. Cisco UCS blade server and stand server must be connected to the SAN directly
- D. The cisco nexus 7000 switches must deploy NPIV
- E. Fabric interconnect Switch must be design in switch Mode

Answer: AD

NEW QUESTION 115

Refer to the Exhibit.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N7k1 slot 3 show hardware internal dev-port-map | | | | | | | | |
| +-----+FRONT PANEL PORT TO ASIC INSTANCE MAP+-----+ | | | | | | | | |
| FP port PHYS SECU MAC_0 PWR_0 L2LXP L3LXP QUEUE SWICH | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 14 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 15 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 16 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 0 |
| 17 | 2 | 4 | 1 | 0 | 0 | 0 | 0 | 0 |

You need to allocate all interfaces on the same port ASIC to the same VDC. Which ports share an ASIC?

- A. ports 1-12
- B. ports 9-17
- C. ports 9-13
- D. ports 1-17

Answer: A

NEW QUESTION 119

Which two options are included in a dynamic vNIC connection policy? (Choose two.)

- A. network control policy

- B. chassis connectivity policy
- C. adapter policy
- D. LAN connectivity policy
- E. number of dynamic vNICs

Answer: CE

NEW QUESTION 121

You are configuring a switch as a LISP xTR. You plan to use the LISP xTR when deploying redundant map servers. Which action do you take?

- A. Register the LISP xTR to the anycast IP address of the map resolver.
- B. Register the LISP xTR to the IP address of each map server
- C. Configure the map notify group command by using the anycast IP address of the map resolver
- D. Configure the map-notify group command by using the IP address of each map server

Answer: C

NEW QUESTION 122

A client require that direct attached storage be connected to the appliance port of the fabric interconnect. The storage and UCS manager subnets To which UCS manager design point must you adhere to have communication between your server and the DAS?

- A. When a VSAN is created for an appliance port in the Appliances section of SAN, the same VSAN must not be created in the LAN cloud.
- B. When a VLAN is created for an appliance port in the Appliances section of LAN, the same VLAN must not be created in the LAN cloud.
- C. When a VSAN is created for an appliance port in the Appliances section of SAN, you must create the same VSAN in the SAN cloud.
- D. When a VLAN is created for an appliance port in the Appliances section of LAN, you must create the same VLAN in the LAN cloud.

Answer: D

NEW QUESTION 126

Why should you implement an adapter placement polices to assign vnics or vHBAs to vCons?

- A. To function service profile templates, require a specific vHBA placement for boot from SAN
- B. Force the vHBAs and the vNICs to appear in specific order in the operating system
- C. To function vHBA updating templates require a specific VHBA placement for BOOT from SAN
- D. To function, the FCoe storage port require a specific vHBA placement for boot from SAN

Answer: A

NEW QUESTION 128

Which two options can be performed only from the Admin VDCs on the Cisco Nexus 7000 Series platform? (Choose two)

- A. Create SPAN ports on other VDCs
- B. Create, modify, and delete VDCs
- C. Configure Cisco Fabric Path in other VDCs
- D. Access the CLI of other VDCs
- E. Process-data plane traffic

Answer: BD

NEW QUESTION 132

You plan to extend the Layer 2 domain by using OTV in multicast mode What must you consider?

- A. The same site ID must be used on all of the edge devices on all of the sites.
- B. The join interface must run IGMPv3
- C. The OTV site VLAN must be extended over the overlay.
- D. The site OTV VLAN must be the same on all of the AED routers on all of the sites.

Answer: B

NEW QUESTION 134

When deploying VMWare ESXi on Cisco UCS B Series Servers, what should the iSCSI boot-from-SAN use in the service profile to provide redundancy?

- A. two VMKs to connect to the storage
- B. two vHBAs to connect to the storage
- C. two vnmics to connect to the storage
- D. two vNICs to connect to the storage

Answer: B

NEW QUESTION 138

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 143

What is used to insert services when using Layer 4 to Layer 7 service insertion in the Cisco ACI?

- A. device scripts
- B. tenant administrators
- C. policies
- D. function profiles

Answer: D

NEW QUESTION 146

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 148

LISP provides which capability?

- A. host connectivity redundancy
- B. physical host mobility
- C. VM mobility
- D. VXLAN mobility

Answer: B

NEW QUESTION 151

Which two options are valid for enabling Layer 3 control between Cisco Nexus 1000V Series VSM and VEM? (Choose two)

- A. A virtual Ethernet interfaces
- B. A dedicated control interfaces
- C. An out-of-band management interface
- D. A VMWare vCenter virtual machine virtual interface
- E. A dedicated packet interfaces

Answer: BE

NEW QUESTION 153

What is the default CoS value for FCoE packets on a storage VDC?

- A. 1
- B. 2
- C. 3
- D. 5
- E. 7

Answer: C

NEW QUESTION 156

Which two Cisco technologies can be used to insert services, such as load balancing and firewalls, between VMs? (Choose two.)

- A. vShield
- B. vNIC
- C. vPath
- D. NFV
- E. service graphs

Answer: CE

NEW QUESTION 158

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 161

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