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**QUESTION 101** Why is a Cisco UCS B250 server unable to support 16-GB DIMMs? A. Dual-rank DIMMs are not supported. B. 16-GB DIMMs are too slow. C. The largest DIMM an Intel 55xx or 56xx CPU can address is 32 GB. D. The memory bus would be too long. E. The blade would run too hot. Answer: C

**QUESTION 102** Refer to the exhibit. Which two things can be determined from the SEL log output? (Choose two.) A. The server experienced a crash. B. The server experienced correctable memory errors. C. DIMMs in channel 2 are experiencing memory errors. D. DIMMs in channel 0 are experiencing memory errors. E. Memory errors have crossed two thresholds. Answer: BE

**QUESTION 103** Refer to the exhibit. Which two things can be determined from SEL log output? (Choose two) A. The server experienced a crash. B. DIMMs in channel 2 are experiencing memory errors. C. DIMMs in channel 0 are experiencing memory errors. D. The server experienced correctable memory errors. E. Memory errors have crossed two thresholds. Answer: DE

**QUESTION 104** Which two statements about FabricPath are true? (Choose two) A. Multi-destination trees are built to create a loop-free topology for unicast traffic. B. FabricPath interfaces send and receive Ethernet and FabricPath encapsulated packets. C. FabricPath is supported on Cisco Nexus 7000 on all module types. D. FabricPath switch should always be the root for a spanning tree network attached to it. E. Spanning tree does not run inside a FabricPath network. Answer: DE

**QUESTION 105** Refer to the exhibit. The switch is running FabricPath, however the CE port e1/9 is not on spanning tree forwarding. Which option describes the possible cause? A. Switch 1 is receiving better BPDU on E1/9. B. Bridge assurance is configured on switch 1 E1/9 but not configured on the facing interface. C. Switch 1 is not configured with FabricPath. D. Loopguard feature is blocking the port. Answer: A

**QUESTION 106** Refer to the exhibit Server 1 and server 2 are on the same VLAN but cannot reach each other. Which option describes the reason? A. Interface VALN (SVI) must be configured for this VLAN. B. VLAN is not allowed on the peer link. C. VLAN is not on FabricPath mode. D. Type2 inconsistency prevents the communication. Answer: C

**QUESTION 107** FabricPath brings the benefits of routing protocols to Layer 2 network Ethernet environments. Which three options describe advantages of using FabricPath technology? (Choose three.) A. MAC address scalability with conversational learning. B. loop mitigation with TTL in the frame field. C. Spanning Tree Protocol independence. D. 10-Gb/s bandwidth. E. Layer 2 extensions between data centers. Answer: ABC

**QUESTION 108** In the Cisco Nexus 7000 FabricPath domain, one switch becomes the root for the multidestination tree. Cisco FabricPath IS-IS will automatically select root switches for each multidestination tree. One of the parameters that is used to select the root is the system ID. Which two statements are true about the system ID? (Choose two.) A. The system ID is a unique 12-bit value. B. The system ID is a 48-bit value composed of the VDC MAC address. C. A higher system ID is preferred. D. A lower system ID is preferred. Answer: BC

**QUESTION 109** After configuring FabricPath, the following message appears in the syslog: %STP-2-L2GW\_BACKBONE\_BLOCK: L2 Gateway Backbone port inconsistency blocking port port-channel100 on VLAN0010. What is a possible reason for this message? A. Spanning tree must be disabled, and the message indicates that STP is enabled. B. STP is misconfigured. The root guard must be disabled. C. An inferior BPDU was received on a Cisco FabricPath edge port. D. A superior BPDU was received on a Cisco FabricPath edge port. Answer: D

**QUESTION 110** Cisco FabricPath switches support ECMP forwarding for known unicast frames. If the destination switch ID can be reached through more than one output interface with equal cost, the forwarding engine uses a hash function to pick one of the interfaces. Which three options are valid for hash input for unicast frames? (Choose three.) A. Use only the source parameters (layer-3, layer-4, or mixed). B. Use the FabricPath switch ID in the FabricPath header. C. Use only the destination parameters (layer-3, layer-4, or mixed). D. Use both the source and the destination parameters (layer-3, layer-4, or mixed). E. Include only Layer 2 input (source or destination MAC address). Answer: ACD

**QUESTION 111** In a FabricPath network, known unicast traffic is sent with the outer destination address populated with the destination SID, SSID, and local ID. Which statement describes the outer destination address in the case of unknown unicast? A. The outer destination address is a reserved multicast MAC address known as MC1 (010F.FFC2.02C0). B. The outer destination address is a broadcast address (FFFF.FFFF.FFFF). C. The outer destination address is not required because FabricPath uses the FTag to forward unknown unicast. D. The outer destination address is a reserved multicast MAC address known as MC1 (010F.FFC1.01C0). Answer: D

**QUESTION 112** The Cisco nexus 1000V Switch uses a multihypervisor licensing approach. Which three statements are true? (Choose three.) A. The Essentials edition comes with a 180-day trial for the Advanced edition. B. An advanced edition license is required for each CPU socket on each VEM. C. The

VXLAN gateway is included in the Essential edition license.D. The Cisco Nexus 1000 v switch supports Essential and Advanced license editions.E. Only the Advance edition license is supported with multihypervisor.F. You can migrate the license from a Cisco Nexus 1000V Switch for KVM to a Cisco Nexus 1000V Switch for VMware. Answer: BDFExplanation:

[http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4\\_2\\_1\\_sv2\\_2\\_2/license/b\\_Cisco\\_N1KV\\_Universal\\_License\\_Config/b\\_Cisco\\_N1KV\\_License\\_Config\\_521SK111\\_chapter\\_01.html](http://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus1000/sw/4_2_1_sv2_2_2/license/b_Cisco_N1KV_Universal_License_Config/b_Cisco_N1KV_License_Config_521SK111_chapter_01.html) QUESTION 113Which solution is preferred for predictable traffic in a vMware environment running Cisco Nexus 1000v Series switches? A. end-host modeB. fabric failover modeC. client modeD. server modeE. standalone mode Answer: AExplanation:

[http://www.cisco.com/c/en/us/products/collateral/switches/nexus-1000v-switch-vmware-vsphere/white\\_paper\\_c11-558242.html](http://www.cisco.com/c/en/us/products/collateral/switches/nexus-1000v-switch-vmware-vsphere/white_paper_c11-558242.html) QUESTION 114Refer to the exhibit. Which three statements are true? (Choose three.) A. Zoning is configured on the upstream SAN switchB. Storage is attached directly to Cisco UCS.C. There are 14 blades active in the system.D. The Cisco UCS Manager is in switch mode.E. Two separate physical SAN switches are upstream of Cisco UCS.F. There are 7 blades active in the system.G. The Cisco UCS Manager is in end-host mode.H. Zoning is configured on Cisco UCS Manager. Answer: AFG

QUESTION 115Which two statements about end-host mode are true? (Choose two.) A. In end-host mode, if a vNIC is hard pinned to an uplink port and this uplink port goes down, the system repins the vNIC, and the vNIC goesB. End-host mode allows the fabric interconnect to act as an end host to the network, representing all servers (hosts) connected to it through vNICs.C. End-host mode is the default Ethernet switching mode.D. In end-host mode, the fabric interconnect runs the Spanning Tree Protocol to avoid loops.E. In end-host mode, if a vNIC is hard pinned to an uplink port and this uplink port goes down, the system repins the vNIC but the vNIC remain down until manual intervention. Answer: BCEExplanation:

[http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/unified-computing/whitepaper\\_c11-701962.html](http://www.cisco.com/c/en/us/solutions/collateral/data-center-virtualization/unified-computing/whitepaper_c11-701962.html) QUESTION 116Dynamic ARP inspection ensures that only valid ARP requests and responses are relayed. Which three activities does a Cisco NX-OS device perform when DAI is enabled and properly configured? (Choose three) A. Intercepts ARP requests and responses only on untrusted ports.B. Verifies that each of these intercepted packets has a valid IP-to-MAC address binding based only on DHCP snooping binding database or statically created entries.C. Intercepts ARP requests and responses on all ports.D. Pass-through an invalid ARP packets.E. Drops invalid ARP packets.F. Verifies that each of these intercepted packets has a valid IP-to-MAC address binding based only on DHCP snooping binding database. Answer: ABE QUESTION 117Refer to the exhibit. Which two statements are true? (Choose two.) A. Three pin groups are configured: one for the port-channel 10 in fabric interconnect B, one for int e1/32 in fabric interconnect B, and one for int e1/31 in fabric interconnectB. Changing the target interface for an existing SAN pin group disrupts traffic for all vHBAs that use that pin group. The fabric interconnect performs a log in and log out for the Fibre Channel protocols to repin the traffic.C. To configure pinning for a server, you must include the SAN pin group in a vNIC policy. The vNIC policy is then included in the service profile assigned to that server. All traffic from the vNIC travels through the I/O module to the specified uplink Fibre channel port.D. In Fibre Channel switch mode, SAN pin groups are irrelevant. Any existing SAN pin groups are ignored.E. Edit this to show switch mode Answer: BDEExplanation:Ref:

[http://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/sw/gui/config/guide/1-0-2/b\\_GUI\\_Config\\_Guide/GUI\\_Config\\_Guide\\_chapter19.html](http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/1-0-2/b_GUI_Config_Guide/GUI_Config_Guide_chapter19.html) Also see PDF: Configuring SAN Pin Groups QUESTION 118Which three statements about Cisco UCS Fabric Interconnect fibre channel end-host mode are true? (Choose three) A. The Cisco UCS Fabric Interconnect send BPDUs northbound.B. The Cisco UCS Fabric Interconnect learns southbound dynamic MAC addresses.C. The Cisco UCS Fabric Interconnect learns dynamic MAC addresses from attached storage fibre channel ports.D. The Cisco UCS Fabric Interconnect never learns northbound dynamic MAC addresses.E. Link status changes on uplink ports are propagated to host vNICs.F. vNIC fabric failover is never available in end-host mode.G. vHBA fabric failover is enabled by default. Answer: BCE QUESTION 119 Which three statements about direct-attached storage are true? (Choose three) A. The fabric interconnect must be in Fibre Channel switch mode.B. If you connect to Cisco NX-OS on the fabric interconnect, you can see the flogi by using the show flogi database vsan <vsan ID> Command.C. For maintenance of direct attached storage, you must define a maintenance policy.D. The fabric interconnect must be end-host mode.E. you need not map an FCoE VLAN when creating the storage VSAN.F. to configure the zoning, you must create a storage connection policy. Answer: ABFExplanation:

<http://www.cisco.com/c/en/us/support/docs/servers-unified-computing/ucs-infrastructure-ucs-manager-software/116082-config-ucs-das-00.html> QUESTION 120Refer to the Exhibit. Which two statements are true? (Choose two.) A. FC Zoning is going to be enabled automatically after the template is created.B. With the current fabric ID configuration on the vHBA template, cannot see the new VLAN.C. All the required values have been configured in the vHBA template; after the VLAN is created, you can press OK start using the template.D. To modify the vHBA from the service profile in the future; you first must unbind the template from the vHBA fc0 template.E. VSAN and VLAN ID are assigned according to best practices. Answer: BD Lead2pass helps millions of

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