

200-155 Dumps

DCICT Introducing Cisco Data Center Technologies

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NEW QUESTION 1

Which two descriptions of a Cisco UCS I/O Module are true?

- A. connects a fabric interconnect to a blade server
- B. provides centralized log management
- C. connects a fabric interconnect and a Layer 3 switch
- D. extends the fabric access layer to a server
- E. connects a Cisco UCS server to a WAN optimizer

Answer: CD

NEW QUESTION 2

Which action is executed by Cisco ACI during the initial fabric setup?

- A. configures fabric ports by using POAP
- B. creates STP topology for the fabric
- C. performs fabric discovery with LLDP
- D. performs fabric discovery with CDP

Answer: C

NEW QUESTION 3

In UCS Director, which objects are self-provisioned by using catalog items?

- A. VLANs
- B. virtual machines
- C. converged solutions
- D. physical servers

Answer: B

NEW QUESTION 4

When configuring Fibre Channel ports and Ethernet ports on the same Cisco Nexus 5500 Platform, which rule must be followed?

- A. Fiber Channel ports must be configured in blocks of eight ports on the same ASIC.
- B. Fiber Channel ports must be configured with the range that starts with the first port on the module.
- C. Ethernet ports must be configured with the range that starts with the last port on the module.
- D. Fiber Channel ports must be configured with the range that starts with the last port on the module.

Answer: D

NEW QUESTION 5

When comparing Cisco Nexus 2000 Series Fabric Extenders to tradition top-of rack switches, which two statements are true? (Choose two)

- A. Fabric Extenders lower oversubscription in the data center
- B. Fabric Extenders offload the switching of traffic from the parent
- C. Physical interfaces are represented by the parent switch as logical interfaces
- D. Fabric Extenders operate as a remote line card to the upstream switch.

Answer: CD

NEW QUESTION 6

Which two privilege types can you associate to the role of a Cisco ACI fabric user? (Choose two)

- A. admin
- B. read
- C. enable
- D. full accesss
- E. write

Answer: BE

NEW QUESTION 7

Which two Cisco Nexus 1000V Series Switch features exceed the functionality of the VWware vNetwork Distributed Switch? (Choose two)

- A. access control lists
- B. QoS marking
- C. Network vMotion
- D. port state migration
- E. DV Port Groups

Answer: AB

NEW QUESTION 8

Which model is a deployment model in cloud computing?

- A. automate cloud
- B. layered cloud
- C. private cloud
- D. collapsed cloud

Answer: C

NEW QUESTION 9

The ARC is responsible for which two processes? (Choose two)

- A. network policy configuration
- B. fabric segmentation
- C. BGP end-node emulation
- D. ISL blocking per STP implementation
- E. switch firmware management

Answer: AD

NEW QUESTION 10

Which device connects Cisco UCS B-Series servers to Cisco Fabric Switches?

- A. Fabric Extender
- B. a host bus adapter
- C. Fabric interconnects
- D. a fabric switch

Answer: B

NEW QUESTION 10

Which term in Cisco Unified Computing System is subject to finite state machine validation?

- A. SNMP get
- B. server boot
- C. firmware downloads
- D. server discovery

Answer: D

NEW QUESTION 15

Which statement about EPGs is true?

- A. EPGs can both provide and consume a contract.
- B. EPGs can provide, but cannot consume, a contract
- C. EPGs can consume, but cannot provide, a contract
- D. EPGs neither provide or consume contracts

Answer: B

Explanation:

Contracts define inbound and outbound permit, deny, and QoS rules and policies such as redirect. Contracts allow both simple and complex definition of the way that an EPG communicates with other EPGs, depending on the requirements of the environment. Although contracts are enforced between EPGs, they are connected to EPGs using provider-consumer relationships. Essentially, one EPG provides a contract, and other EPGs consume that contract.

Reference: http://www.cisco.com/en/US/prod/collateral/netmgtsw/ps13004/ps13460/white-paper-c11-729906_ns1261_Networking_Solutions_White_Paper.html

NEW QUESTION 18

Which option is a benefit of Unified Fabric Delivery to an IT organization?

- A. lower total cost of ownership
- B. reduced memory requirements
- C. increased storage capacity
- D. improved security

Answer: A

Explanation:

Cisco Unified Fabric is the interconnection point for applications, stored data, and users that can help you:

- Build an intelligent, high-performing infrastructure with multidimensional scalability for the data center network
- Simplify your data center architecture and reduce costs with LAN and SAN convergence, helping you reduce capital costs with fewer devices, simpler management, and more flexible configuration policies
- Create an open, programmable network backbone that is easier and faster to deploy and manage

Reference:

http://www.cisco.com/c/dam/en/us/products/collateral/switches/nexus-7000-series-switches/at_a_glance_c45-617345.pdf

NEW QUESTION 21

Which tool organizes workflows to automate simple and complex actions on infrastructure?

- A. Cisco UCS Manager
- B. Cisco UCS Director
- C. Cisco DCNM
- D. Cisco UCS server

Answer: B

Explanation:

You can build Cisco UCS Director workflows to automate simple or complex provisioning and configuration processes.

Reference: [https://www1.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/HP-OA-Mgt-](https://www1.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/HP-OA-Mgt-Guide/6-0/b_Cisco_UCS_Director_HP_OA_Management_Guide_60/b_Cisco_UCS_Director_HP_OA_Management_Guide_60_chapter_010.html)

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NEW QUESTION 22

Which option describes Cisco's virtual device context feature?

- A. logical virtualization of a single physical switch
- B. logical witches aggregated into a single physical switch
- C. logical switches aggregated into multiple physical switches
- D. multiple physical switches partitioned to a single virtual switch

Answer: A

Explanation:

Cisco NX-OS introduces support for virtual device contexts (VDCs), which allows the switches to be virtualized at the device level. Each configured VDC presents itself as a unique device to connected users within the framework of that physical switch. The VDC runs as a separate logical entity within the switch, maintaining its own unique set of running software processes, having its own configuration, and being managed by a separate administrator.

Reference: http://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-10-slot-switch/White_Paper_Tech_Overview_Virtual_Device_Contexts.html

NEW QUESTION 27

DRAG DROP

Drag the Network virtualization technology on the left to the correct definition on the right.

Chassis FEX	Consolidates network management and presents physical switchports as a member of the parent
Adapter FEX	Consolidates the virtual and physical network and provides a virtual interface on the physical switch
FEX	Consolidates multiple IO module interfaces between fabric extenders and servers
VM FEX	Consolidates multiple physical interfaces and extends the network into the server

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

FEX
VM FEX
Chassis FEX
Adapter FEX

NEW QUESTION 28

DRAG DROP

Drag the WAAS component feature on the left to the corresponding function on the right.

Appnav	Reduces transmitted packets by replacing duplicate information with small signatures
Data Redundancy Elimination	Reduces traffic patterns based on program identifiable content
TCP Flow Optimization	Virtualizes and pools optimization resources for easier consumption
LZ Compression	Improves packet flow during suboptimal WAN conditions
Per Application Optimization	Reduces transmitted packet size by shrinking the contents of the packet

- A. Mastered
B. Not Mastered

Answer: A

Explanation:

Data Redundancy Elimination
Per Application Optimization
Appnav
TCP Flow Optimization
LZ Compression

NEW QUESTION 30

Which two adapters far Cisco UCS B-Series blade servers and C-Series rack servers allow configuration of virtual interfaces? (Choose two.)

- A. M81-KR
B. P71E
C. VIC-1225
D. P81E
E. VIC-1280

Answer: AE

NEW QUESTION 33

Policies that are applied by the APIC are typically based on which type of infra structure?

- A. application-centric
B. performance-specific
C. leaf-specific
D. network-centric

Answer: A

Explanation:

The Cisco Application Policy Infrastructure Controller (APIC) is a key component of an Application Centric Infrastructure (ACI), which delivers a distributed, scalable, multi-tenant infrastructure with external end-point connectivity controlled and grouped via application centric policies. The APIC is the key architectural component that is the unified point of automation, management, monitoring and programmability for the Application Centric Infrastructure. The APIC supports the deployment, management and monitoring of any application anywhere, with a unified operations model for physical and virtual components of the infrastructure.

Reference: https://developer.cisco.com/media/apicDcPythonAPI_v0.1/understanding.html

NEW QUESTION 37

Which feature monitors state transitions of components and processes in Cisco Unified Computing System?

- A. logical state arbiter

- B. discovery
- C. finite state machine
- D. state monitor

Answer: C

Explanation:

A finite state machine (FSM) is a workflow model, similar to a flow chart, that is composed of the following:

- Finite number of stages (states)
- Transitions between those stages
- Operations

The current stage in the FSM is determined by past stages and the operations performed to transition between the stages. A transition from one stage to another stage is dependent on the success or failure of an operation.

Cisco UCS Manager uses FSM tasks that run in the Data Management Engine (DME) to manage end points in the UCS object model, including the following:

- Physical components (chassis, I/O module, servers)
- Logical components (LAN cloud, policies)
- Workflows (server discovery, service profile management, downloads, upgrades, backups) Reference:

http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ts/faults/reference/ErrMess/FaultsIntroduction.html#wp1082815

NEW QUESTION 38

Which option describes the STP requirements for Cisco Fabric Path?

- A. MST must be configured on every Cisco Fabric Path VLAN.
- B. STP is required only to resolve border link failures
- C. RPVST must be configured on every Cisco Fabric Path VLAN
- D. STP is not required on Cisco Fabric Path interfaces.

Answer: D

NEW QUESTION 43

An engineer wants to restore a Cisco Nexus 1 000v switch to factory default settings Which two commands accomplish this action? (Choose two.)

- A. write erase running-config
- B. reboot
- C. write erase boot
- D. reload
- E. copy running-config startup-config

Answer: CD

NEW QUESTION 44

Which two Cisco data center devices can participate in Fabric Path? (Choose two.)

- A. Cisco MOS 9500 Series directors
- B. Cisco Nexus 7000 Series Switches
- C. Cisco Nexus 5500 Series Switches
- D. Cisco Nexus 1000V
- E. Cisco Nexus 4900 Series Switches

Answer: BC

NEW QUESTION 48

What are the two default user roles in Cisco UCS Manager RBAC? (Choose two.)

- A. Operations
- B. AAA Administrator
- C. Root
- D. Local
- E. Sudo

Answer: AB

NEW QUESTION 52

Which two options are advantages of a spine and leaf architecture? (Choose two)

- A. robust multipathing
- B. traffic that is optimized for east-west communication
- C. star topology
- D. traffic that is optimized for north-south communication
- E. exponential scalability

Answer: AE

NEW QUESTION 54

Cisco Fabric Extender Technology is based on which IEEE standard?

- A. 802.1BR
- B. 802.1 AX
- C. 802.1AB
- D. 802.1BA

Answer: A

NEW QUESTION 58

Which port is used for an interswitch connection between switches in a multihop FCoE scenario?

- A. NPort
- B. VFPort
- C. VN Pott
- D. VEPort

Answer: D

NEW QUESTION 62

Which three are the names of configuration tabs that appear in the Navigation Pane of the UCS Manager GUI? (Choose three.)

- A. VLAN
- B. LAN
- C. VSAN
- D. Policies
- E. Equipment
- F. Global
- G. Admin

Answer: BEG

NEW QUESTION 63

Which feature monitors state transitions of components and processes in Cisco Unified Computing System?

- A. finite state machine
- B. state monitor
- C. state manager
- D. discovery
- E. logical state arbiter

Answer: A

NEW QUESTION 68

Which requirement is unique to service profile templates?

- A. VLAN
- B. VSAN
- C. pooled identities
- D. vNIC
- E. vHBA

Answer: C

NEW QUESTION 72

Which Cisco Nexus 1000V component is the equivalent of a line card on a standard Cisco Nexus switch?

- A. Virtual Ethernet Module
- B. Virtual Supervisor Module
- C. Virtual Service Blade
- D. Virtual Security Gateway

Answer: A

NEW QUESTION 75

A network uses one pair of Layer 3 switches for core and distribution purposes. Which design is this network using?

- A. collapsed Layer 3 core
- B. collapsed Layer 2-3
- C. collapsed distribution
- D. collapsed core

Answer: D

NEW QUESTION 80

Which description of the role of a VEM on a Cisco Nexus 1000V Series Switch is true?

- A. It switches the data traffic within the hypervisor.
- B. It configures the interfaces.
- C. It controls the software of the DVS.
- D. It conveys the control and packet VLAN IDs.

Answer: A

NEW QUESTION 85

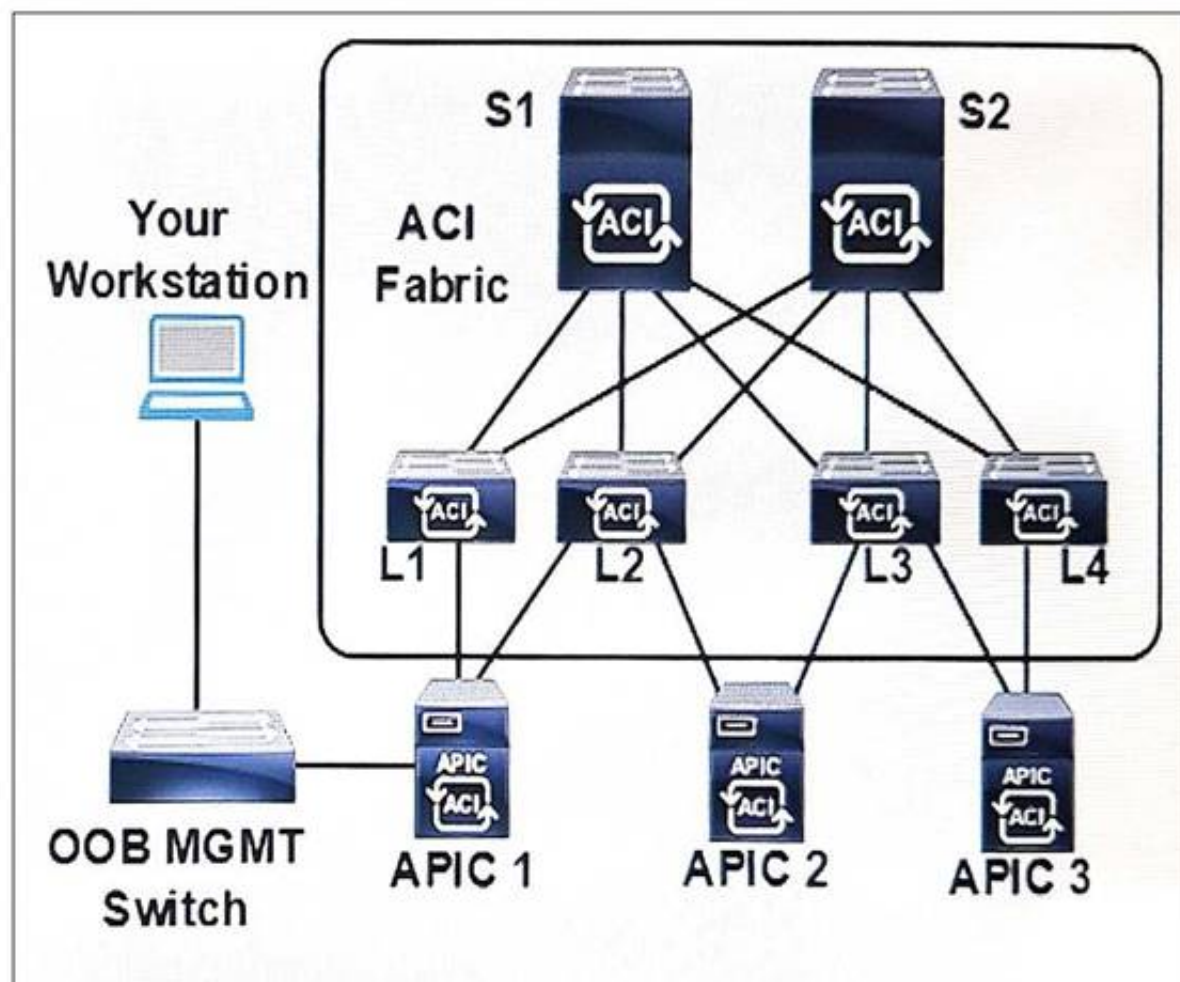
Which description of the function of a server port on a Cisco UCS Fabric Interconnect is true?

- A. It handles FCoE traffic between the fabric interconnect and the next layer of the SAN.
B. It handles Ethernet traffic between the fabric interconnect and the next layer of the network.
C. It creates a vEthernet port for the VM connection to the fabric.
D. It handles data traffic between the fabric interconnect and the adapter cards on a server.

Answer: BD

NEW QUESTION 86

Refer to the exhibit.



Which option is discovered after L1 registers to APIC 1?

- A. S1
B. OOB MGMT switch
C. APIC 2
D. L2

Answer: D

NEW QUESTION 88

The Cisco UCS Manager is embedded in which component of the Cisco UCS system?

- A. Cisco UCS IOM module
B. Cisco UCS B-Series server
C. Cisco UCS Fabric Interconnect
D. Cisco UCS C-Series server

Answer: C

NEW QUESTION 92

What are three components of the Cisco ACI fabric? (Choose three.)

- A. core switch
- B. access switch
- C. Cisco DCNM
- D. leaf switch
- E. spine switch
- F. Cisco APIC

Answer: DEF

NEW QUESTION 97

Which description of switch discovery on a Cisco APIC is true?

- A. The APIC assigns an IP address to the switch from a pool.
- B. Only leaf switches are discovered automatically.
- C. A switch can be registered to multiple APIC clusters.
- D. A switch registers with the APIC automatically.

Answer: B

NEW QUESTION 99

Which statement about Cisco Nexus 1000V Series switches that operate inside VMware ESXi Hypervisors is true?

- A. A mobile virtual machine network policy is not provided.
- B. A disruptive operational model for your server virtualization and networking teams is provided.
- C. Mobile virtual machine security is not provided.
- D. Policy-based virtual machine connectivity is provided.

Answer: D

NEW QUESTION 102

Which definition of the REST API for a Cisco APIC is true?

- A. It includes classes and methods as programmatic entities.
- B. It contains the management information tree.
- C. It accepts and returns HTTPS messages that contain JSON or XML documents.
- D. It stores the configuration information and the state information of the APIC.

Answer: A

NEW QUESTION 105

You are creating a workflow by using the Workflow Designer in Cisco UCS Director. Which three tasks are preconfigured in the workflow by default? (Choose three.)

- A. Physical Network tasks
- B. Start
- C. Service Container tasks
- D. Completed (Success)
- E. Public Cloud tasks
- F. Completed (Failed)

Answer: BDF

NEW QUESTION 107

Which benefit is realized by using a fabric extender?

- A. improved data rates
- B. reduced routing complexity
- C. cut-through local, nonblocking switching
- D. central control and management by its parent switch

Answer: D

NEW QUESTION 108

Which command set is a valid Cisco Unified Fabric port configuration on a Cisco Nexus 5500 Switch? A)

```
switch(config)# interface 1/1-8
switch(config-int)# port type fc
switch(config-int)# interface 1/9-16
switch(config-int)# port type ethernet
```

B)

```
switch(config)# slot 1
switch(config-slot)# port 9-16 type fc
switch(config-slot)# copy running-config startup-config
switch(config-slot)# reload
```

C)

```
switch(config)# interface 1/1-16
switch(config-int)# port 1-8 type fc
switch(config-int)# port 9-16 type ethernet
```

D)

```
switch(config)# interface 2/1-16
switch(config-int)# port type fc
switch(config-int)# copy running-config startup-config
switch(config-int)# poweroff module 2
switch(config-int)# no poweroff module 2
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 111

Which option does a Cisco UCS B-Series half width blade server support?

- A. maximum of two local hard drives
- B. RAID 10 for SAS drives
- C. PCIe Fibre Channel adapters
- D. integrated optical drives

Answer: A

NEW QUESTION 113

You create a workflow to deploy a service profile to a blade server. After you execute the workflow, you notice that the resulting service request is in a blocked state. What could cause the issue?

- A. The request is waiting for approval
- B. The request is waiting to be executed at a later time
- C. A task fails to execute correctly.
- D. The task library required by the workflow is unavailable

Answer: A

NEW QUESTION 115

Which description of a VMM domain profile is true?

- A. specifies connectivity policies that enable Cisco ACI to connect to a virtual machine manager
- B. associates a physical network to a virtual network
- C. specifies the credentials used to connect the Cisco ACI to a virtual machine controller
- D. associates virtual machines in multiple domains

Answer: A

NEW QUESTION 118

DRAG DROP

Drag and drop the Cisco Unified Fabric feature characteristics on the left to the correct technology on the right.

Virtualized switching	Unified ports
Deployment flexibility	OTV
Layer 2 mobility	VDC
VM-aware networking	Cisco Nexus 1000V Series

- A. Mastered
- B. Not Mastered

Answer: A

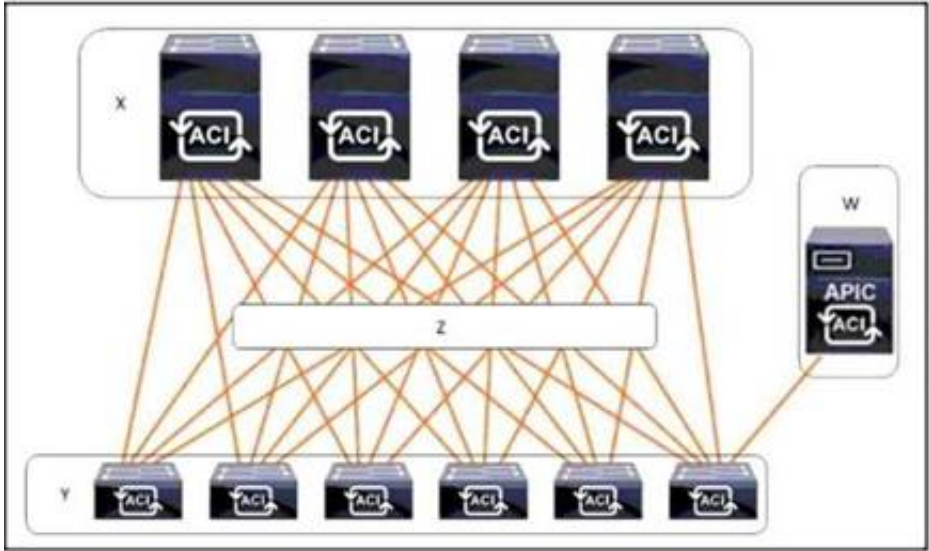
Explanation:

Layer 2 Mobility
Virtualized switching
VM-aware networking

Deployment flexibility

NEW QUESTION 120

Refer to the exhibit.



Which option accurately describes the infrastructure?

- A. X represents the spine nodes Y represents the leaf nodes Z is the Cisco Fabric Interconnect layer W is the VMware vCenter Server
- B. X represents the spine nodes Y represents the leaf nodes Z is the Cisco ACI fabric W is the Cisco Application Policy Infrastructure Controller
- C. X represents the leaf nodes Y represents the spine nodes Z is the Cisco ACI fabric W is the VMware vCenter Server
- D. X represents the collapsed backWne nodes Y represents the access nodes Z is the Cisco Fabric Interconnect layer W is the Cisco Application Policy Infrastructure Controller

Answer: C

NEW QUESTION 125

DRAG DROP

You must configure the logical constructs of a Cisco ACI policy model in the correct hierarchical order Drag and drop the constructs on the left to the correct order on the right

context	Step 1
endpoints	Step 2
endpoint group	Step 3
tenant	Step 4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

tenant
context
endpoints
endpoint group

NEW QUESTION 127

Which two cloud types are deployment models used in cloud computing? (Choose two.)

- A. collapsed cloud
- B. hybnd cloud
- C. public cloud
- D. layered cloud
- E. automatic cloud

Answer: BC

NEW QUESTION 132

Which equipment policy is directly affected by the number of links between a fabric interconnect and an I/O module?

- A. global power allocation policy
- B. rack management connection policy
- C. firmware auto sync server policy
- D. chassis/FEX discovery policy

Answer: D

NEW QUESTION 136

How does a Cisco APIC discover a new switch in the fabric?

- A. by using a defined APIC policy
- B. by querying an APIC cluster node
- C. by using a cascading discovery process
- D. by using SNMP

Answer: C

NEW QUESTION 140

Which two types of pons can you configure when the port mode of the unified port on a fabric interconnect is set to Ethernet? (Choose two.)

- A. Fibre Channel storage
- B. appliance u server
- C. FEX
- D. Fibre Channel monitoring

Answer: A

NEW QUESTION 141

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