

# 350-601<sup>Q&As</sup>

Implementing and Operating Cisco Data Center Core Technologies  
(DCCOR)

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**QUESTION 1**

DRAG DROP

Drag and drop the network assurance concepts from the left onto the corresponding benefits on the right.

Select and Place:

Cisco Tetration

Data Management Engine

Cisco Network Assurance Engine

Streaming Telemetry

allows close to real-time data monitoring

confirms that the network operates consistently with business requirements

offers overall protection and enables analysis of the network in real time to identify security incidents faster

allows the characteristics to be presented as object properties

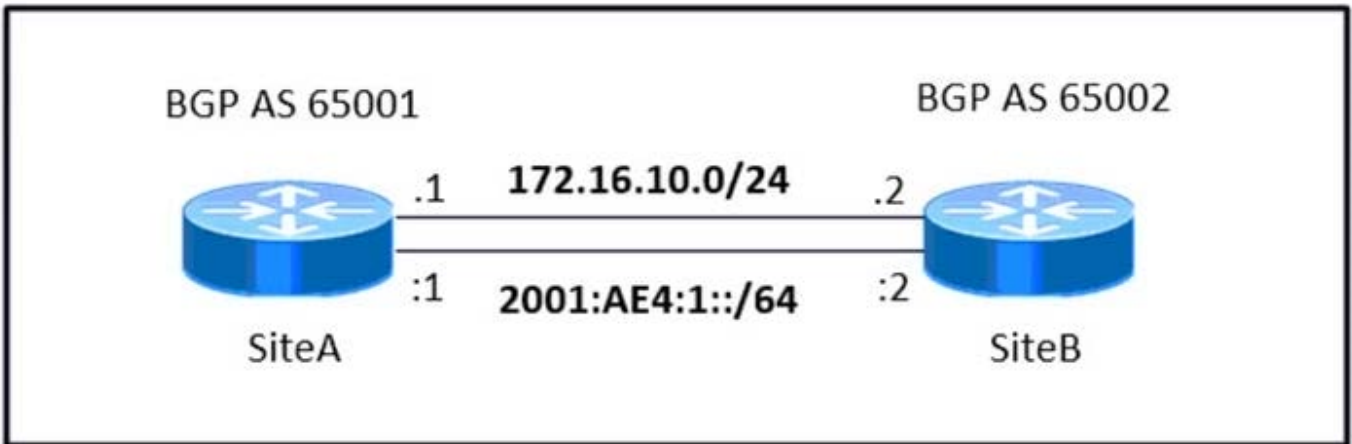
Correct Answer:

Streaming Telemetry
Cisco Network Assurance Engine
Cisco Tetration
Data Management Engine

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**QUESTION 2**

DRAG DROP Refer to the exhibit.



An administrator is deploying BGP to geographically connect two data center sites. Both sites are configured for dual-stack routed protocols. The administrator must inject the IPv6 network 2001:AE4:1::/64 into the IPv6 unicast database. Drag and drop the SiteA commands from the right into the blanks in the configuration on the left. Commands are used more than once.

Select and Place:

### Answer Area

```

router bgp 65001
  neighbor [ ] remote-as 65002
  address-family [ ]
  network [ ]
  neighbor 172.16.10.2 remote-as 65002
  address-family [ ]
  network 172.16.10.2
    
```

2001:AE4:1::/64

ipv4 unicast

ipv6 unicast

2001:AE4:1::2

Correct Answer:

### Answer Area

```
router bgp 65001
  neighbor 2001:AE4:1::2 remote-as 65002
  address-family ipv6 unicast
    network 2001:AE4:1::/64
  neighbor 172.16.10.2 remote-as 65002
  address-family ipv4 unicast
    network 172.16.10.2
```

### QUESTION 3

An engineer needs to make an XML backup of Cisco UCS Manager. The backup should be transferred using an authenticated and encrypted tunnel and it should contain all system and service profiles configuration. Which command must be implemented to meet these requirements?

- create file scp://user@host35/backups/all-config9.bak all-configuration
- copy startup-config scp://user@host35/backups/all-config9.bak all-configuration
- create backup scp://user@host35/backups/all-config9.bak all-configuration
- copy running-config scp://user@host35/backups/all-config9.bak all-configuration

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

Correct Answer: C

[https://www.cisco.com/en/US/docs/unified\\_computing/ucs/sw/cli/config/guide/1.4.1/CLI\\_Config\\_Guide\\_1\\_4\\_1\\_chapter40.html](https://www.cisco.com/en/US/docs/unified_computing/ucs/sw/cli/config/guide/1.4.1/CLI_Config_Guide_1_4_1_chapter40.html)

The following example creates a disabled all-configuration backup operation for hostname host35 and commits the transaction:

```
UCS-A# scope system
UCS-A /system* # create backup scp://user@host35/backups/all-config9.bak all-configuration disabled
Password:
UCS-A /system* # commit-buffer
UCS-A /system #
```

---

#### QUESTION 4

What is a recommended design choice in a topology for multipathing iSCSI traffic?

- A. single initiator to dual targets
- B. initiators and targets in separate subnets
- C. dual initiators to a single target with bonded interfaces
- D. two NICs bended together on the initiator

Correct Answer: B

You can create multiple paths by configuring multiple ports and target portals on different IP subnets. By keeping initiator and target ports in different subnets, you can force ESXi to create paths through specific ports. In this configuration, you

do not use port binding because port binding requires that all initiator and target ports are on the same subnet.

Reference:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-4C19E34E-764C-4069-9D9F-D0F779F2A96C.html>

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#### QUESTION 5

The VMM domain is integrated between Cisco APICs and vCenter using a distributed vSwitch. The traffic must be blocked between a subset of endpoints in an EPG based on specific VM attributes and the rest of the VMs in that EPG. Which set of actions blocks this traffic?

- A. 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "True"

2.

Set Intra-EPG Isolation to "Unenforced" for the EPG

3.

Set Intra-EPG Isolation to "Unenforced" for the uSeg EPG

B. 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "False"

2.

Set Intra-EPG Isolation to "Unenforced" for the EPG

3.

Set Intra-EPG Isolation to "Enforced" for the uSeg EPG

C. 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "True"

2.

Set Intra-EPG Isolation to "Enforced" for the EPG

3.

Set Intra-EPG Isolation to "Enforced" for the uSeg EPG

D. 1. Set Allow Microsegmentation under the EPG VMM Domain Association to "True"

2.

Set Intra-EPG Isolation to "Enforced" for the EPG

3.

Set Intra-EPG Isolation to "Unenforced" for the uSeg EPG

Correct Answer: A

---

## QUESTION 6

Refer to the exhibit A Cisco MDS 9000 Series Switch is configured with RBAC

```
MDS# show role
Role: network-admin
Description: Predefined network admin role
-----
Rule    Perm   Type   Scope   Entity
-----
rule 5  permit show feature hardware
rule 4  permit show feature environment
rule 3  permit config feature ntp
rule 2  permit config feature ssh
rule 1  permit config feature tacacs+

Role: Custom-Role-B
Description: Additional admin role
-----
Rule    Perm   Type   Scope   Entity
-----
rule 6  permit config feature dpvm
rule 1  deny  config feature tacacs+
```

The default role applies to all users User A is also assigned to the role Custom-Role-B

Which set of features will user A be authorized to configure?

- A. hardware environment TACACS+
- B. NTP SSH DPVM
- C. DPVM NTP SSH hardware
- D. SSH DPVM TACACS+ NTP

Correct Answer: D

**QUESTION 7**

Refer to the exhibit.



```
switch# show vpc brief
Legend:
    (*) - local vPC is down, forwarding via vPC peer-link

vPC domain id           : 10
Peer status             : peer adjacency formed ok
vPC keep-alive status   : peer is alive
Configuration consistency status : success
Type-2 consistency status : success
vPC role                : primary
Number of vPCs configured : 1
Peer Gateway            : Enabled
Dual-active excluded VLANs : -

vPC Peer-link status

-----
id  Port  Status  Active vlans
--  ---  -
1   Po20  up      100-105

vPC status
-----
id  Port  Status  Consistency  Reason  Active vlans
--  ---  -
7   Po7   up      success      success  100-104
8   Po8   up      success      success  100-102
9   Po9   up      success      success  100-103
```

Which VLANs are capable to be assigned on vPC interfaces?

- A. 100-103
- B. 100-104
- C. 100-102
- D. 100-105

Correct Answer: D

**QUESTION 8**

Refer to the exhibit.

### Create Boot Policy

Name :

Description :

Reboot on Boot Order Change :

Enforce vNIC/vHBA/iSCSI Name :

Boot Mode :  Legacy  Uefi

**WARNINGS:**  
 The type (primary/secondary) does not indicate a boot order presence.  
 The effective order or boot devices within the same device class (LAN/Storage/iSCSI) is determined by PCIe bus scan order.  
 If **Enforce vNIC/vHBA/iSCSI Name** is selected and the vNIC/vHBA/iSCSI does not exist, a config error will be reported.  
 If it is not selected, the vNICs/vHBAs are selected if they exist, otherwise the vNIC/vHBA with the lowest PCIe bus scan order is used.

- Local Devices
- CIMC Mounted vMedia
- vNICs
- vHBAs
- iSCSI vNICs
- EFI Shell

#### Boot Order

+ - Advanced Filter Export Print

Name	Order	vNIC/vHBA	Type	LUN Na...	WWN	Slot Nu...	Boot Na...
No data available							

Move Up

Move Down

Delete

An engineer installs a new Cisco UCS B-Series server. The requirement is to install an operating system on a LUN that is provided by the Fibre Channel storage array. Which two steps must be configured in the boot policy to accomplish this goal? (Choose two.)

- A. Disable Enforce vNIC/vHBA/iSCSI Name
- B. Add Local CD/DVD and SAN Boot.
- C. Configure a SAN Boot Target with a WWPN
- D. Set Boot Order to External USB and LAN Boot
- E. Create (SCSI vNICs and add Local LUN

Correct Answer: BC

[https://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/ucs-manager/GUI-User-Guides/Server-Mgmt/4-2/b\\_Cisco\\_UCS\\_Manager\\_Server\\_Mgmt\\_Guide\\_4\\_2/chapter\\_01010.html#task\\_mhw\\_dvy\\_5db](https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/Server-Mgmt/4-2/b_Cisco_UCS_Manager_Server_Mgmt_Guide_4_2/chapter_01010.html#task_mhw_dvy_5db)

### QUESTION 9

An engineer implements a Cisco UCS C-Series Server that must adhere to these security requirements:

Unencrypted communication must be disabled. The session timeout must not exceed 15 minutes. Unencrypted traffic must be automatically diverted. CLI-based management must use nondefault ports.

Which configuration set meets these requirements?

- A. SSH Enabled SSH Port: 8022 SSH Timeout: 1200 IPMI over LAN Enabled
- B. HTTP Port: 80 / HTTPS Port: 443 Session Timeout: 900 Redirect HTTP to HTTPS Enabled SSH Port: 2022
- C. Redfish Enabled checked Redfish Port: 443 SSH Enabled checked HTTPS Port: 8443
- D. XML API Enabled HTTP Port: 8080 / HTTPS Port: 8443 IPMI over LAN Enabled Randomized Encryption Key

Correct Answer: B

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## QUESTION 10

### DRAG DROP

An engineer must configure HSRP protocol on two Cisco Nexus 9000 Series Switches running a virtual port channel. In addition, the HSRP implementation must meet these requirements:

It must allow more than 500 groups.

switch1 must act as the primary switch.

Both switches must use a user-defined hardware address.

Drag and drop the commands from the right to complete a configuration of the HSRP on the left. The commands are used more than once. Not all commands are used.

Select and Place:

### Answer Area

```
! switch1

interface vlan300
ip 209.165.200.226/27
hsrp 300

ip 209.165.200.225

! switch2

interface vlan300
ip 209.165.200.227/27
hsrp 300

ip 209.165.200.225
```

- mac-address 6000.6000.6000
- hsrp version 1
- priority 255
- hsrp use-bia
- priority 100
- hsrp version 2

Correct Answer:

## Answer Area

```
! switch1
interface vlan300
ip 209.165.200.226/27
hsrp 300
hsrp version 2
priority 255
ip 209.165.200.225
mac-address 6000.6000.6000

! switch2
interface vlan300
ip 209.165.200.227/27
hsrp 300
hsrp version 2
priority 100
ip 209.165.200.225
mac-address 6000.6000.6000
```

- mac-address 6000.6000.6000
- hsrp version 1
- priority 255
- hsrp use-bia
- priority 100
- hsrp version 2

### QUESTION 11

An engineer must implement a new VRF that permits communication between all endpoint groups (EPGs) by default. The new EPGs and bridge domains (BDs) that are created in the new VRF must not require additional configuration to permit traffic between the newly created EPGs or BDs.

Which action accomplishes this goal?

- A. Provide and consume a permit any contract on the VRF level
- B. Create a VRF in the common tenant.
- C. Place all EPGs in the preferred group.
- D. Implement a global contract.

Correct Answer: A

A requires no additional configuration on EPG level.

There are several different configuration options available to enable open communication amongst many/all EPGs on a Cisco ACI fabric:

Contract with vzAny: vzAny represents all EPGs, ESGs and external EPGs on a VRF instance. Providing and consuming an open "permit-any" contract on vzAny allows open communication between all endpoints on a VRF instance.

Preferred Groups - Assigning multiple EPGs to a Preferred Group allows open communication between the EPGs in the Preferred Group, with the restriction that there can only be one Preferred Group per VRF instance.

Disable security - We do not recommend this option because configuring the VRF instance to "unenforced" mode converts the VRF instance to "permit only," allowing open communication between all endpoints in the VRF instance. Disabling

security implicitly disables security contracts and advanced functionality such as service graphs.

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#### QUESTION 12

ASAN administrator must implement infrastructure monitoring for the Fibre Channel storage environment. The storage environment consists of a standalone Cisco Nexus 9000 Series Switch and Cisco MDS 9000 Series Switches. The goal is to be able to visualize the SAN, support VXLAN overlays, and identify storage slow drain issues. Which monitoring solution accomplishes this task?

- A. Cisco DCNM
- B. Cisco APIC
- C. Cisco Intersight
- D. Cisco Prime Infrastructure

Correct Answer: A

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#### QUESTION 13

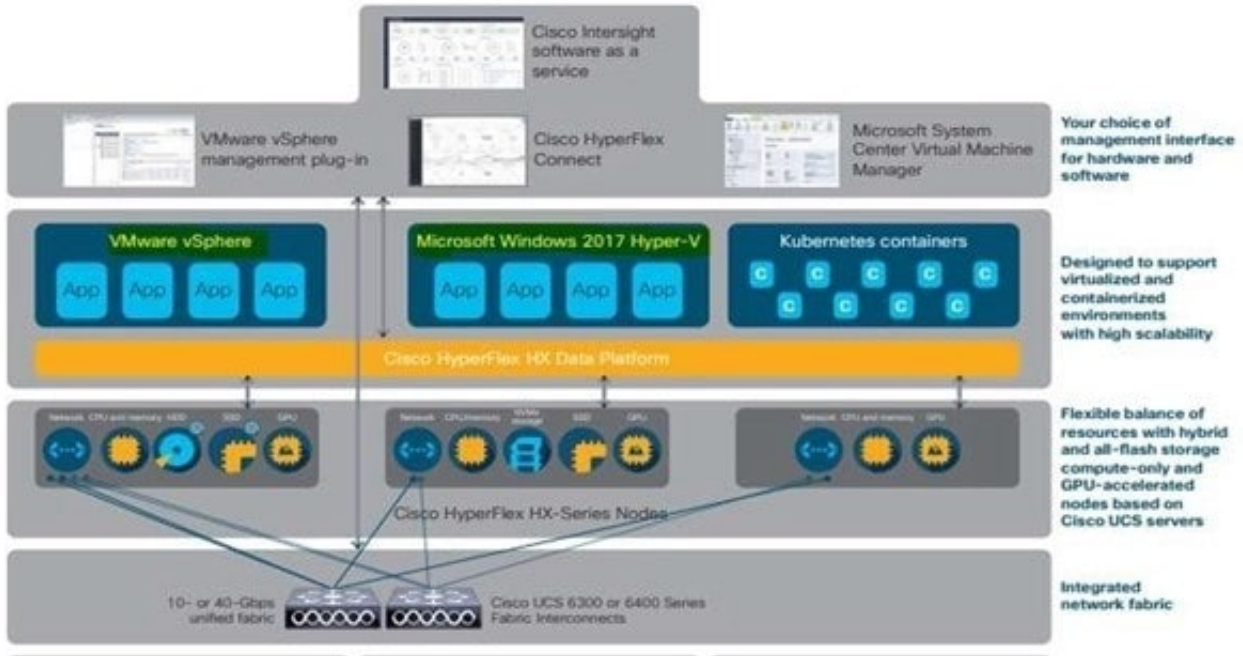
Which two hypervisors does Cisco HyperFlex support? (Choose two.)

- A. VMware vSphere
- B. Microsoft Hyper-V
- C. OpenStack
- D. Citrix XenServer
- E. RedHat KVM

Correct Answer: AB

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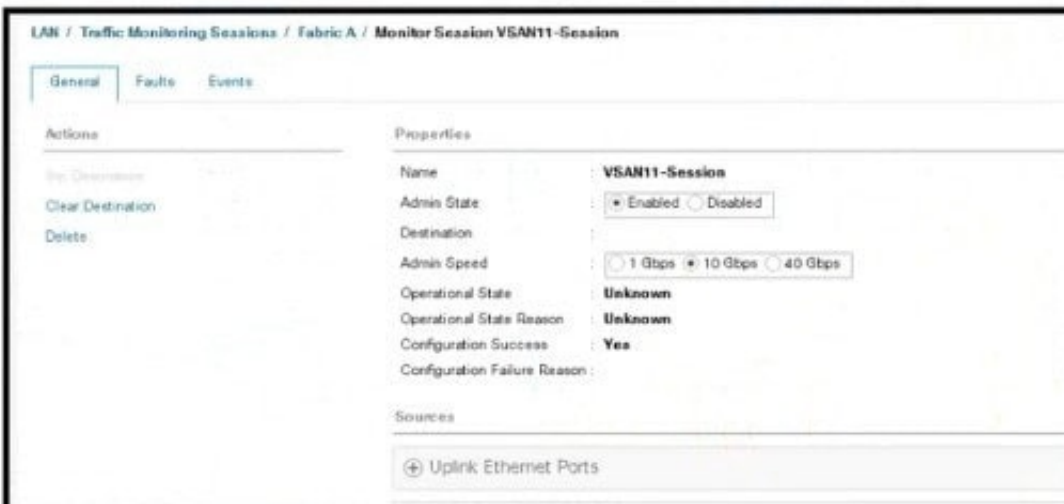
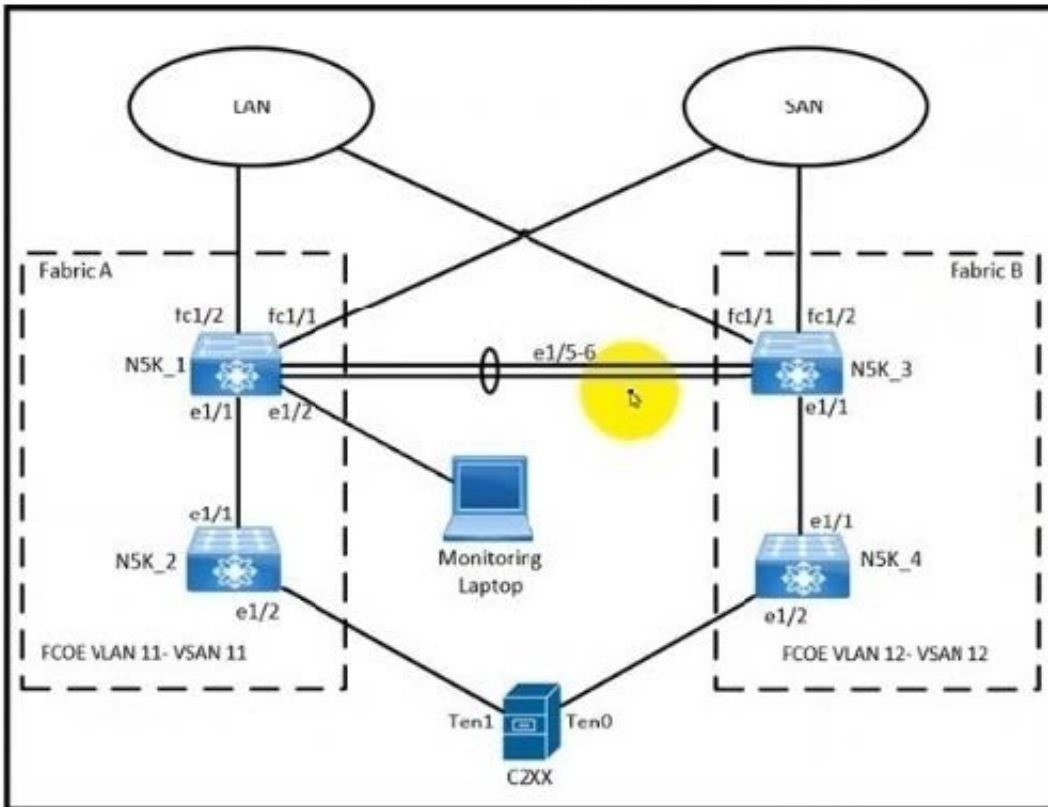
The Cisco HyperFlex platform is faster to deploy, simpler to manage, easier to scale, and ready to provide a unified pool of resources to power your business applications. You harness these resources with your choice of centralized management tools: Cisco Intersight™ software as a service, Cisco HyperFlex Connect, Microsoft System Center Virtual Machine Manager,



<https://www.cisco.com/c/dam/en/us/products/collateral/hyperconverged-infrastructure/hyperflex-hx-series/solution-overview-c22-736815.pdf>

**QUESTION 14**

Refer to the exhibit.



An engineer is creating a SPAN session to send a copy of all the Fabric-A VSAN 11 traffic on NSK\_1 to the monitoring laptop. The configurator that is presented has already been applied to Cisco UCS Manager. Which action complete the configuration?

- A. Activate a NetFlow monitoring session
- B. Create a SAN traffic monitoring session
- C. Set VLAN 11 as the traffic destination
- D. Select VSAN 11 as the source of traffic.



Correct Answer: C

---

#### QUESTION 15

A company plans to migrate some of its services to the cloud. The company does not want to manage or control the underlying cloud infrastructure. It also wants to maintain control over the deployment of its applications and configuration settings of the application-hosting environment. Which cloud service model meets these requirements?

- A. Infrastructure as a Service
- B. Function as a Service
- C. Platform as a Service
- D. Software as a Service

Correct Answer: C

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