

# Introducing Cisco Data Center Technologies

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

A. Operations

B. Sudo

C. Local

D. Root

E. AAA Administrator

**Answer(s):** A,E

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2. Which two options are two functions of the data center access layer? (Choose two.)

A. packet filtering

B. high data transfer rate

C. high network fault tolerance

D. QoS policy enforcement

E. VLAN creation

F. server connections

**Answer(s):** E,F

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3. Which two server properties can be defined within a service profile? (Choose two )

A. CPU speed

B. MAC address

C. NIC count

D. RAID controller type

E. memory capacity

**Answer(s): B,D**

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4. 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 core

C. collapsed Layer 2-3

D. collapsed distribution

**Answer(s): B**

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

A. Physical interfaces are represented by the parent switch as logical interfaces

B. Fabric Extenders lower oversubscription in the data center

C. Fabric Extenders operate as a remote line card to the upstream switch.

D. Fabric Extenders offload the switching of traffic from the parent

**Answer(s):** A,C

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6. Which two modes of setup are offered on the initial setup script on a Cisco UCS Fabric Interconnect? (Choose two.)

A. Setup

B. Serial

C. Console

D. Restore

E. Management 0

**Answer(s):** A,D

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7. FabricPath technology uses which two types of ports? (Choose two.)

A. core port

B. edge port

C. NL Port

D. F Port

E. E Port

**Answer(s):** A,B

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8. Which technology maintains Fibre Channel virtual links between a pair of FCoE devices?

A. FLOGI

B. PFC

C. ETS

D. FIP

**Answer(s): D**

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9. Which statement regarding the use of a self-service catalog in Cisco UCS Director is true?

A. It creates reports for provisioned resources

B. It provides built-in automation for common tasks

C. It discovers the logical topology of resources

D. It allows users to order IT services

**Answer(s): A**

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10. Which cloud service model must you use for a Microsoft Office deployment?

A. NaaS

B. IaaS

C. PaaS

D. SaaS

**Answer(s): D**

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11. FCoE interfaces are defined as which two port types? (Choose two )

A. VZ Port

B. VE Port

C. VF Port

D. VI Port

E. VS Port

**Answer(s):** B,C

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**12.** Which two benefits of implementing multiple VDCs on a physical switch are true? (Choose two.)

A. It allows multiple logical switches to be created by using a single physical switch.

B. Faults are isolated and contained within the specific VDC.

C. allows a physical port to be shared among multiple virtual Ethernet switches.

D. It simplifies the STP design.

E. It allows each VDC to run a different version of Cisco NX-OS.

**Answer(s):** A,C

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**13.** Which two protocols are encapsulated in FCoE? (Choose two.)

A. Fibre Channel

B. CIFS

C. DNSF

D. SCSI

E. iSCSI

**Answer(s):** A,D

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14. You must recommend a management solution for a Cisco UCS system. Which option accurately describes Cisco UCS Director?

A. an orchestrator to automate some of the steps that are required to configure a Cisco UCS domain

B. only an orchestration plug-in for Cisco UCS Manager that has no management capabilities

C. a replacement for Cisco UCS Manager in large-scale environments

D. the full-feature version of Cisco UCS Manager with all of the management functions enabled

**Answer(s):** A

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15. Which two installation models are supported by Cisco virtual interfaces? (Choose two)

A. store-and-forward switching

B. pass-through switching

C. native switching

D. hypervisor controlled

E. channeled uplink

**Answer(s):** B,D

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16. Which two benefits of a vPC are true? (Choose two)

A. It allows active-active links.

B. It simplifies Layer 3 routing configuration.

C. It uses IS-IS in the control plane.

D. it eliminates STP blocked ports.

E. It uses MSTP to eliminate Layer 2 loops.

**Answer(s):** A,D

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**17.** Which Layer 3 protocol is used within the ACI fabric?

A. IS-IS

B. OSPF

C. OpenFlow

D. EIGRP

**Answer(s):** B

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**18.** 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 creates a vEthernet port for the VM connection to the fabric.

C. It handles data traffic between the fabric interconnect and the adapter cards on a server.

D. It handles Ethernet traffic between the fabric interconnect and the next layer of the network.

**Answer(s):** C,D

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**19.** Which option describes the STP requirements for Cisco Fabric Path?

A. RPVST must be configured on every Cisco Fabric Path VLAN

B. MST must be configured on every Cisco Fabric Path VLAN.

C. STP is not required on Cisco Fabric Path interfaces.

D. STP is required only to resolve border link failures

**Answer(s): C**

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**20.** A network engineer is migrating the server farm from 1 Gb/s Ethernet connectivity to 10 Gb/s Ethernet connectivity. What two Cisco Nexus Fabric Extenders support 10 Gb/s server connectivity? (Choose two.)

A. Nexus 2148T

B. Nexus 2232PP

C. Nexus 2248TP

D. Nexus 2248PQ

E. Nexus 2224TP

**Answer(s): A,E**

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