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Cisco Exam Questions 210-451
CLDFND Understanding Cisco Cloud Fundamentals
NEW QUESTION 1
An engineer must select a converged infrastructure that utilizes EMC storage. Which two types of architectures could the engineer use to complete this task? (Choose two.)

A. VersaStack  
B. VSPEX  
C. Vblock  
D. OpenBlocks  
E. FlexPod

Answer: CE

NEW QUESTION 2
Which API structure does Cisco UCS Manager support?

A. JSON  
B. XML  
C. RUBY  
D. PERL

Answer: B

NEW QUESTION 3
What is “cloud bursting”?  

A. A cloud deployment exhausts its infrastructure resources.  
B. An organization can provision public cloud services to use during periods of stress of its internal IT resources.  
C. Two public cloud providers work in conjunction to load balance requests from a consumer.  
D. A private cloud can transform physical workloads into virtual workloads.

Answer: B

NEW QUESTION 4
Which of the following statements is false? 

A. VM high availability enables the restarting of virtual machines that were running on hosts that failed.  
B. Live migration is a disaster recovery feature that allows the migration of VMs after a physical server suffers a major hardware failure.  
C. Resource load balancing allows automatic host selection when you are creating a virtual machine.  
D. VM fault tolerance reserves double the resources a virtual machine requires.

Answer: B

NEW QUESTION 5
A group of software developers wants to deploy virtual machines on demand and access a web portal where they can choose from a variety of virtual machine templates. Which two types of solutions satisfy this requirement? (Choose two.)

A. Software as a Service  
B. Platform as a Service  
C. Application Delivery as a Service  
D. Infrastructure as a Service  
E. Rack as a Service

Answer: AC

NEW QUESTION 6
A company has a large number of virtualized servers running a Nexus 1000V. The data center network is running out of VLAN IDs, and in response, an engineer has been tasked to ensure that over 4000 VLANs can be allocated to each virtual host to fix the issue. What solution would satisfy this requirement? 

A. Expand VLAN capabilities on the VEM.  
B. Turn off STP on the Nexus 1000V switches.  
C. Add the Citrix NetScaler 1000V to the network.  
D. Deploy a VXLAN backbone that extends to each virtual switch.

Answer: A

NEW QUESTION 7
Which two options are benefits of the Cisco InterCloud Solution? (Choose two.)

A. enforces standardization on a single hypervisor product  
B. provides self service for hybrid resources  
C. management of heterogeneous SAN solutions  
D. secure connectivity between public and private Clouds

Answer: BD
NEW QUESTION 8
A company is moving its development operations into the cloud and wants a solution where the developers are able to develop, run, and manage web applications without having to manage the development environment. Which type of solution should the company choose to fulfill these requirements?

A. Software as a Service
B. Infrastructure as a Service
C. Platform as a Service
D. Application Delivery as a Service

Answer: A

NEW QUESTION 9
A client is deploying an NFS storage solution within its data center. Which option is required for other hosts to access this storage solution?

A. Hosts must have a software initiator driver to access the shares.
B. Hosts must approve permissions for each share in the NSF controller.
C. Hosts must be defined in the permissions list for each share.
D. Host shares must be directly mapped to each resource.

Answer: D

NEW QUESTION 10
Company ABC hosts all their applications internally. During one day of the month, the demand for their applications far exceeds the capacity of their datacenter. Which Cloud model should Company ABC consider using?

A. Community
B. Private
C. Hybrid
D. Public

Answer: C

NEW QUESTION 11
A large organization has purchased its first Cisco UCS B-Series system. This system connects to the existing infrastructure, and engineers must rack and stack the new hardware. Inventory shows that there are 12 blades, 2 chassis, and all of the cabling and FEX cards that are required for those chassis. Which vital component is required before the engineers can complete their task?

A. Cisco UCS Fabric Interconnects
B. Cisco MDS switches
C. Cisco UCS Manager
D. Cisco Nexus switches

Answer: C

NEW QUESTION 12
Which of the following are benefits from Cisco Application Centric Infrastructure? (Choose all that apply)

A. Distributed default gateway
B. VM provisioning
C. Encapsulation normalization
D. Multi-hypervisor integration
E. Separation of control and data planes

Answer: ACD

NEW QUESTION 13
Which technology does an engineer deploy to separate a single physical switch into multiple logical contexts?

A. GVXLAN
B. VDC
C. VPC
D. VRF
E. VLAN

Answer: B

NEW QUESTION 14
Which two descriptions of VXLAN are true? (Choose two.)

A. The VXLAN Identifier space is 24 bits.
B. VXLAN uses the Internet Protocol as the transport medium.
C. VXLAN adds 24 bytes of overhead to each packet.
D. VXLAN is primarily designed for small environments.

Answer: AB
NEW QUESTION 15
What are the five specific characteristics common to the Cloud environments?

A. on-demand usage, ubiquitous access, multi-tenancy, measured usage, resiliency
B. on-demand usage, ubiquitous access, tiered-tenancy, measured usage, resiliency
C. on-demand usage, autonomous access, multi-tenancy, measured usage, resiliency
D. dynamic usage, ubiquitous access, multi-tenancy, measured usage, resiliency

Answer: A

NEW QUESTION 16
Which option is the correct steps to regenerate a UCS B-Series SSL certificate?

A. Open an SSH session to the CIMC IP# scope security# scope keyring default# set regenerate yes# commit-buffer
B. Open an SSH session to the CIMC IP# scope certificate# set regenerate yes# commit-buffer
C. Using the UCSM GUI Navigate to the Admin tabExpand ALL > Key ManagementRight-click Key Management and choose regenerate certificate Click OK

Answer: A

NEW QUESTION 17
A company within a highly regulated industry plans to share threat information with its competitors in an effort to better secure their environments. The company intends to pay for its utilization without a large capital expenditure. All compliance aspects are well understood and architecture within any deployment will pass audits. Which cloud deployment method is most appropriate for the platform?

A. community
B. public
C. private
D. hybrid

Answer: A

NEW QUESTION 18
Refer to the command line display below:

vsan database
vsan 1000 name FCoE vlan 1000
fcoe vlan 1000 int e1/1
switchport mode trunk
switchport trunk allowed vlan 1000 no shut
int vfc10
bind interface e1/1
switchport trunk allowed vsan 1000 no shut

On which line does the error occur that prevents FCoE from operating correctly in a Cisco Nexus switch?

A. fcoe vlan 1000
B. switchport trunk allowed vsan 1000
C. int vfc10
D. bind interface e1/1

Answer: A

NEW QUESTION 19
Which of the following represent key aspects of a service-level agreement between a data center service provider and a consumer? (Choose all that apply.)

A. Performance
B. Mean time to recover
C. Contract changes
D. Data handling
E. Uptime

Answer: ABDE

NEW QUESTION 20
A network engineer is deploying a new SDN network. In troubleshooting the deployment, the engineer discovers that changes are being delivered to the control plane devices but not beyond. Where in the framework is the disconnect?

A. NetFlow communication
B. SNMP communication
C. API communication to control plane
D. API communication to data plane

Answer: B

NEW QUESTION 21
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