

VMware

Exam VCAC510

VMware CertifiedAssociate–Cloud (VCA-Cloud)

Version: 8.1

[Total Questions: 145]

Question No : 1

Before you begin the rollout of your private cloud, the technical project leader wants to ensure you have the vSphere components required by vCloud Director in place first. Which two vSphere components are required by vCloud? (Choose two.)

- A. ESXi hypervisor
- B. vCenter Server
- C. vSphere Data Protection
- D. vCenter Orchestrator

Answer: A,B

Reference: http://pubs.vmware.com/vcd-51/index.jsp?topic=%2Fcom.vmware.vcloud.install.doc_51%2FGUID-C258BED7-9664-4DFE-B812-100281D4D460.html

Question No : 2

Your small startup does not have a budget for capital equipment. What type of cloud would initially best suit your needs?

- A. Private cloud
- B. Public cloud
- C. Organization cloud
- D. Hybrid cloud

Answer: B

Reference: <http://www.aerohive.com/pdfs/Aerohive-Whitepaper-Public-or-Private-Cloud.pdf> (page 2, see public cloud service overview)

Question No : 3

A colleague hears you have just completed vCloud training. She asks you to explain vCenter Operations Manager and its relationship to the vCloud Suite. What do you tell her?

- A. vCenter Operations Manager is a cloud security and firewall service which helps prevent virus and hacker attacks
- B. vCenter Operations Manager is the main web-based management interface for vCloud
- C. vCenter Operations Manager is an optional software component which helps with performance analysis in the cloud
- D. vCenter Operations Manager helps automate repetitive tasks in your private cloud

Answer: C

Reference: <http://www.petri.co.il/vcenter-operations-manager-5-review.htm#>

Question No : 4

Your manager tells you, "We need the ability to non-disruptively adjust our clients' resource capacity based on their business growth." Which vCloud feature will you use to do this?

- A. Organization vDC
- B. Fast Provisioning
- C. Service Catalog
- D. vCloud APIs

Answer: A

Question No : 5

Management at your company has asked you to give a presentation outlining why you want to move to a private cloud. As part of this presentation you are explaining vCloud Director and its capabilities. Which of the following describes something vCloud Director can do for your cloud project?

- A. Provide Fault Tolerance (FT) protection for your cloud workloads
- B. Move workloads between a private and a public cloud
- C. Allow multiple tenants to run on the same vSphere Cluster
- D. Move your cloud to a remote site when disaster strikes

Answer: C

Reference: <http://www.vmware.com/files/pdf/VMware-Architecting-vCloud-WP.pdf> (page 15, vcloud director constructs)

Question No : 6

Your company has just undertaken a new research project where network security is critical. As you are configuring your private cloud to support this new project, which vCloud Networking and Security feature will you be setting up to provide the required security?

- A. NAT
- B. Private VLAN
- C. Endpoint
- D. Firewall

Answer: D

Reference: <http://blogs.vmware.com/vsphere/2013/06/vcloud-networking-and-security-5-1-app-firewall-best-practices.html>

Question No : 7

Your manager has just tasked you with examining your data center environment and ensuring you are operating as efficiently as possible. Which option represents an Efficiency challenge your company might face?

- A. Wanting your IT costs to align with your corporate models by classifying IT as an operating expense instead of a capital expense.
- B. Needing semi-isolated and autonomous environments for you application development teams.
- C. Wanting to provide multi-tenant access to your cloud resources without compromising security.
- D. Needing to easily roll back change to your workloads during testing and development.

Answer: A

Question No : 8

After this morning's high-level, sales-oriented cloud seminar, your colleague is still unclear

on the relationship between an Org vDC and a Provider vDC and asks you to help explain why you would set up multiple Provider vDCs. What would you tell him?

- A. You want to implement hardware-based resource tiering
- B. Multiple Provider vDCs are required for organizations which have multiple internal networks
- C. Each Org vDC requires its own Provider vDC
- D. Multiple Provider vDCs would allow for segmenting of identical sets of physical hardware

Answer: B

Reference: http://pubs.vmware.com/vcd-51/index.jsp?topic=%2Fcom.vmware.vcloud.api.doc_51%2FGUID-6DA11728-5405-4554-BEFD-81E8F4D80161.html

Question No : 9

Your manager wants you to setup a more dynamic set of alarms, more responsive to the workload changes in the cloud environment. To accomplish this, which of the following vCenter Operations Manager alarms features would you use?

- A. Self-Adjusting Alerts
- B. Dynamic Alerts
- C. Dynamic Thresholds
- D. Smart Alerts

Answer: D

Reference: <http://www.vmware.com/files/pdf/vcenter/VMware-vCenter-Operations-DS-EN.pdf> (Search for smart alerts)

Question No : 10

You are talking with a potential customer about your cloud services. They are concerned that, in the ever-changing cloud workload environment, monitoring performance and reacting to problems based upon static alarm settings will not work. They want assurance

their workloads will be properly monitored in the cloud. To help with their concern, which vCenter Operations Manager alarm feature would you explain to them?

- A. Auto Reactive Alarms
- B. Adaptive Alarms
- C. Self-Learning Analytics
- D. Dynamic Thresholds

Answer: D

Reference: <http://www.vmware.com/pdf/vcops-5-getting-started-guide.pdf> (page 8)

Question No : 11

You need the ability to quickly react to business changes and acquisitions by deploying virtual machines in a variety of cloud environments. Which vCloud product will solve this problem?

- A. vCloud Connector
- B. vCloud Automation Center
- C. vCloud Director
- D. vCloud Networking and Security

Answer: B

Reference: <http://www.viktorious.nl/2013/02/26/what-is-vcloud-automation-center/>

Question No : 12

You need to deploy a consistently configured workload with multiple VMs. Another group in your company has already defined just such a workload. Rather than recreate your own workload definition, which feature would allow you to deploy the workload as defined by the other group?

- A. Auto Deploy
- B. vCloud Catalog
- C. vCenter Template

D. Org vDC**Answer: B**

Reference:

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1026324

Question No : 13

Your customer needs to simplify network service deployment and reduce the amount of time spent configuring their existing physical network infrastructure. How will VMware NSX help your customer achieve these goals?

- A.** VMware NSX only utilizes virtual switches. The customer will have to install and configure physical switches to carry virtual switch traffic.
- B.** VMware NSX provisions virtual ESXI servers to bypass the need for configuring the physical switching infrastructure.
- C.** VMware NSX provisions network services in software, removing the need to configure the physical network infrastructure.
- D.** VMware NSX removes the need for physical switches, reducing deployment time.

Answer: A**Question No : 14**

A company has recently bought out a competitor and is now integrating them into their existing architecture.

Which VMware component or feature will allow them to place newly-created virtual machines on the best compute resources, regardless of whether those resources are at the main site or the new branch location?

- A.** VXLAN
- B.** Load Balancer
- C.** Firewall
- D.** DHCP

Answer: A

Question No : 15

You are required by your company to deploy a multi-tier application. You must take into account the CPU and Memory needs of the application while ensuring that the security of each workload is protected using dynamic firewalls.

Which products allow you to deliver your vApp as required? (Choose two.)

- A. vSphere Replication
- B. VMware NSX
- C. vCloud Automation Center
- D. vCenter Server

Answer: B,C

Question No : 16

Your company has decided to use server, storage and networking equipment from a Public Cloud service provider. Your agreement with the provider says that you will have complete control over the virtual machine operating systems and will have the ability to configure services and software to best accomplish your business goals.

Which type of service are you using?

- A. Platform as a Service (PaaS)
- B. Data Processing as a Service (DPaaS)
- C. Infrastructure as a Service (IaaS)
- D. Software as a Service (SaaS)

Answer: C

Question No : 17

You have audited a customer's private cloud and found that in the event of an outage, they cannot recover virtual machines quickly enough as determined by their recovery time objective. They do not have the budget to invest in building separate recovery site.

Which product will allow the customer to meet their RTO without investing in dedicated infrastructure?

- A. Site Recovery Manager
- B. vCloud Connector
- C. vCloud Hybrid service – Disaster Recovery
- D. vCloud Automation Center

Answer: C

Question No : 18

Your company's cloud technical architect has decided to utilize vCloud Automation Center to deploy applications and services within your private cloud. Which of the following can be deployed with vCloud Automation Center?

- A. Provider vDCs
- B. Organization
- C. vDCs vApps
- D. Templates

Answer: D

Reference: <http://pubs.vmware.com/appdirector-5.2/index.jsp?topic=%2Fcom.vmware.appdirector5.2.using.doc%2FGUID-FA1DAAB7-2CB7-4BF2-822A-6B49380FF4B7.html> 111

Question No : 19

You have just finished deploying your company's private cloud. Now, management wants to make sure everything continues to run well and that you are meeting all of your Service-Level Agreements. Which vCloud software component will best help you to do this?

- A. vCenter operations Management Suite
- B. vSphere Management Assistant
- C. vCloud Management Assistant
- D. vCenter Server

Answer: A

Question No : 20

As a consultant at a public cloud provider, you must provide a way of delivering services through a user interface that:

- is specific to the user who logs in.
- delivers services that adhere to the specific Service Level Agreement of that customer.

Which cloud product best meets your requirements?

- A.** vCloud Automation Center Advanced Service Designer
- B.** vSphere Web Client
- C.** vCenter Orchestrator
- D.** vCloud Automation Center Self Service Catalog

Answer: A

Question No : 21

An administrator is deciding on a hybrid cloud solution based on a given set of requirements. The requirements include a single virtual datacenter with logically isolated resources and multi-tenancy capability. Which service option would satisfy the given requirements?

- A.** Virtual Private Cloud Service option
- B.** Dedicated Cloud Service option
- C.** vCloud Public Service option
- D.** vCloud Private Service option

Answer: A

Reference: <http://pubs.vmware.com/vchs/index.jsp?topic=%2FGUID-FD4D5E84-1AB8-4A1B-8C3F-769176FCD154%2FGUID-375065F3-110A-4B84-99FA-FB8467361960.html>
(see virtual private cloud service option)