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**QUESTION 1**

A company uses a single - forest, multiple-domain Active Directory environment. It would like a seamless authentication experience to vRealize Automation for its end users. Which two design specifications are required to meet this need? (Choose two.)

- A. Active Directory with Integrated Windows Authentication must be selected as the Directory Service connection option.
- B. The built- in vRA local user ConfigurationAdmin must be moved to Active Directory before configuration.
- C. Active Directory over LDAP must be selected as the Directory Service connection option.
- D. The vRealize Automation appliances must be joined to the Active Directory domain.

Correct Answer: CD

QUESTION 2

A company is developing its storage-as-a-service solution using vRealize Automation. It has created a security group that will be assigned to the engineers developing this solution. Following the principle of least privilege, which role should be associated with this security group?

- A. XaaS architect
- B. Catalog administrator
- C. Infrastructure architect
- D. Application architect
- E. Tenant administrator

Correct Answer: D

QUESTION 3

The development team has decided to move its 12-node application into its vRealize Automation environment.

There are several teams of developers all working on the same application, so the traffic needs to be separated from the other teams.

Since the application has no dependencies outside of itself, what could be done to address the needs of this scenario?

- A. Create a separate logical network and add it to the development reservation.
- B. Create a new NSX routed network using a /28 netmask and add it to the development reservation.
- C. Create an NSX One-To-One NAT network and add it to the development reservation.
- D. Create an NSX One-To-Many NAT network and enable the DHCP feature and add it to the development reservation.



Correct Answer: D

QUESTION 4

A company is having a hard time with its competition given that its time to market for new services is lengthy. It wants to speed things up with an automated provisioning solution. Which three pieces of information would help the architect provide the right solution? (Choose three.)

- A. What is the approval process?
- B. How is a service requested by a business user?
- C. How many requests do they receive in a given period of time?
- D. How many people can ask for services inside the company?
- E. Who can approve the service requests?

Correct Answer: ABC

QUESTION 5

An architect is tasked with designing a solution for a database as a service (DBaaS) for SQL Server in a vRealize Automation (vRA) private cloud. The following requirements have been identified:

1.
The SQL server user accounts and passwords should be obtained dynamically from third-party account and password management systems before the SQL server installation starts during pre-install script execution.
2.
The account and password management systems only provide integration using PowerShell .
3.
After the pre-install script execution, system reboot is required.
4.
Corporate security does NOT want passwords exposed during automation steps.

Which design solution meets these requirements?

- A. Develop a solution using two vRealize Orchestrator workflows, execute obtain accounts/passwords workflow at a PRE BuildingMachine Event Broker state and install SQL server workflow at a POST Machine Provisioned Event Broker state.
- B. Develop a solution using vRealize Automation software components with component dependencies.
- C. Develop a solution using Resource Actions and execute them as day two operations after virtual machines are provisioned.



D. Develop a solution using a vRealize Orchestrator workflow with PowerShell and execute it at a POST MachineProvisioned Event Broker state.

Correct Answer: A

QUESTION 6

An architect is tasked with designing a solution to satisfy the following requirements for vSphere Machine provisioning:

All business groups share the same vCenter template.

Based on the user selected application name, a corresponding vCenter customization specification should be selected. If no match is found, the business group's default customization specification should be used.

Which two solutions could meet these requirements?

- A.
 - 1. Define CloneSpec custom property in the Business Group
 - 2. If available, dynamically set __clonespec custom property at an appropriate Event Broker state, based on user selected application name
- B.
 - 1. Define __clonespec custom property in the Business Group specific Reservation
 - 2. Overwrite __clonespec custom property using application specific property group
- C.
 - 1. Define CloneSpec custom property in the Business Group
 - 2. Overwrite CloneSpec custom property in the application specific blueprint
- D.
 - 1. Define CloneSpec custom property in the Business Group specific Reservation
 - 2. Overwrite CloneSpec custom property in the application specific blueprint

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 7

A company is looking for a showback and chargeback method to allocate costs for all workloads provisioned using the VMware Cloud Management Platform. The Cloud Architecture team must ensure that costs are calculated dynamically every 24 hours, and applied based on the application type and size.

Which two steps should be taken to ensure this data is captured? (Choose two.)

- A. Specify "vRealize Automation Blueprint" as the Compute grouping strategy.
- B. Ensure that vRealize Business for Cloud is the default cost provider for vRealize Automation.
- C. Specify "vRealize Automation Reservation" as the Compute grouping strategy.



- D. Set pricing for the Compute Rates for vCPU and per GB RAM and Storage Rates in vRealize Business for Cloud.
- E. Ensure that the data collection interval for vRealize Business is set to 24 hours.

Correct Answer: BD

QUESTION 8

An architect has been tasked with designing a blueprint containing web, application and database machines utilizing NSX for networking. Upon provisioning, network traffic must be automatically restricted to allow:

1.
The web server to communicate only to the application server
2.
The application server to communicate to both the web and database servers
3.
The database server to be blocked from communicating to the other servers

Which two methods could the architect use to accomplish this? (Choose two.)

- A. Assign an appropriate security group to the entitled items or entitled service within the entitlement.
- B. Add an appropriate security group to the blueprint from within the blueprint properties, under NSX Settings.
- C. Create or update an appropriate security group within NSX to include the provisioned machines.
- D. Specify an appropriate security group in the blueprint and assign it to each machine.
- E. Use an Event Broker subscription to ensure that provisioned machines are receiving the appropriate security group assignment.

Correct Answer: CD

QUESTION 9

The architect for a software defined data center (SDDC) project is implementing a vRealize Automation solution for a company that is undergoing a merger. It wants all of management to be centralized in its main offices and to have one

vRealize Orchestrator cluster due to limited resources. Each company needs to have its own roles to ensure that resources in each company can create blueprints and perform daily functions.

Which design recommendation would meet the requirements of this scenario?

- A. Create a single business group and separate the users from the different companies using entitlements.
- B. Create a single tenant for both companies and separate the users from the different companies using entitlements.
- C. Create a business group for each of the companies and create a single tenant for both companies.



D. Create a tenant for each of the companies and create a single business group for both companies.

Correct Answer: C

QUESTION 10

A bank has requested assistance with developing a backup design for its vRealize Automation platform. They would like system backups to be crash-consistent in the event of an outage. What are three guidelines that should be followed when planning these backups? (Choose three.)

- A. Minimize the number of active transactions before beginning a backup. Plan a regular backup for when the system is least active.
- B. For non-virtual workloads, back up installation directories as required.
- C. When backing up the complete system, back up all instances of the vRealize Automation appliance and databases as close to each other as possible, preferably within seconds.
- D. Create a backup of instances of the vRealize Automation appliance and the IaaS components when updating certificates.
- E. When backing up the complete system, back up all instances of the vRealize Automation appliance one at a time to preserve availability.

Correct Answer: ACD

Reference: <https://pubs.vmware.com/vrealize-suite-60/index.jsp?topic=%2Fcom.vmware.vrsuite6.0.backuprestore.doc%2FGUID-0A3155DA-F2FF-4756-8F97-2F45BAEB5287.html>

QUESTION 11

The operations team is receiving three new interns from the New College Associate program. The interns should be able to connect and work in the company's vRealize Automation environment while maintaining compliance with corporate safety and security regulations. Which recommendation should the architect make to meet the needs of the scenario?

- A. Add the Interns to the operations group entitlement. Remove the interns' access to non-essential actions.
- B. Create a new entitlement for the internship program. Grant access to relevant services and all actions for a business group assigned to the software architect.
- C. Add the Interns to the operations group entitlement for a business group assigned to the software architect.
- D. Create a new entitlement for the internship program. Grant access to all catalog items and all essential actions.

Correct Answer: A

QUESTION 12

An architect for a vRealize Automation (vRA) deployment project has met with the IT team and gathered the following requirements:



1.

Automated 30-day power off and archive

2.

99.99% SLA of the custom portal

3.

Utilize built-in functionality

4.

Microsegmentation

5.

API calls to vRA and NSX

6.

Custom Portal

To which infrastructure quality does the 'Microsegmentation' technical requirement map?

A. Performance

B. Security

C. Manageability

D. Availability

E. Recoverability

Correct Answer: B

QUESTION 13

The tenant administrator for a company's vRealize Automation deployment is asked to create a profile for a user that should be able to assemble the blueprints that define catalog items for consumers to request from the service catalog. Which tenant role should this user be granted?

A. Fabric administrator

B. Catalog architect

C. Blueprint administrator

D. Application architect

Correct Answer: D

Reference: <https://docs.vmware.com/en/vRealize-Automation/7.3/com.vmware.vrA.prepare.use.doc/GUID-135436AC->



CF31-44A1-A358-61D2B68183AE.html

QUESTION 14

A network team has decided to utilize NSX to enable microsegmentation in its environment. Several networks have been created to support a three-tiered application network. An architect has been asked to incorporate this into the vRealize

Automation environment and consume these networks on demand.

What are two things the architect needs to take into consideration in this scenario? (Choose two.)

- A. usable Subnet Mask in the network profiles
- B. routed network profiles assigned to virtual machine port groups in the reservation
- C. external network profile for each application tier
- D. routed network profile for each application tier

Correct Answer: CD

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/nsx/vmwareautomation-fundamentals-book.pdf>

QUESTION 15

The architect for a teaching hospital is planning the deployment of a highly-distributed cloud management platform based on VMware vRealize Automation. The design must ensure that all virtual machines should be setup in a prescribed

order.

vSphere 6.5 will be used as the deployment platform.

vSphere Availability VM Groups and VM Rules will be used.

The design will use vRealize Orchestrator embedded in the vRealize Automation Appliances.

Place the virtual machine groups in the correct start-up order.

Select and Place:



Virtual Machine Groups

- vRealize Automation IaaS Managers
- vRealize Automation IaaS Web Servers
- External vRealize Automation Database Server (Microsoft SQL Server)
- vRealize Automation IaaS DEM Workers
- vRealize Automation Virtual Appliances

Correct Order

-
-
-
-
-

Correct Answer:

Virtual Machine Groups

-
-
-
-
-

Correct Order

- External vRealize Automation Database Server (Microsoft SQL Server)
- vRealize Automation Virtual Appliances
- vRealize Automation IaaS Web Servers
- vRealize Automation IaaS Managers
- vRealize Automation IaaS DEM Workers

Reference: https://docs.vmware.com/en/VMware-Cloud-Foundation/3.5/com.vmware.vcf.admin.doc_35/GUID-73223FAB-B2C6-44CE-A4B8-86AA43A13B74.html

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