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2V0-31.19

Professional VMware vRealize Automation 7.6

Version 1.0

Exam A

QUESTION 1
A new Windows operating system machine blueprint is created and is ready to be added to a new service catalog.

Which step must be performed for the catalog item to be visible to business users?

A. Entitle the blueprint with all appropriate actions.
B. Publish the blueprint.
C. Entitle a business user to add the blueprint to the catalog.
D. Add the catalog item to the business group's reservation.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.servicenow.com/bundle/jakarta-it-operations-management/page/product/cloud-management-v2/task/catalog-item-from-arm-template.html

QUESTION 2
A vRealize Orchestrator administrator is tasked with creating a workflow that processes sensitive information that is subject to auditing. All workflow messages must be stored in the vRealize Orchestrator database.

How can the administrator ensure that all log messages generated by the workflow are stored in the database?

A. Configure a DEBUG level for the vRealize Orchestrator server.
B. Use System.log() when printing out messages.
C. Configure SQL plugin to write to the database directly.
D. Use Server.log() when printing out messages.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3
A system administrator created a tenant with URL name "fin" for the finance team. The fully qualified domain name (FQDN) of the appliance is vra.rainpole.local.

What is the correct URL to log in to the finance tenant?

A. https://vra.rainpole.local/vcac/org/fin
B. https://vra.rainpole.local/org/finance
C. https://vra.rainpole.local/org/fin
D. https://vra.rainpole.local/vcac/org/finance

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://arabitnetwork.files.wordpress.com/2018/11/vmware-validated-design-43-sddc-regionb-deployment.pdf (242)

QUESTION 4
What can be used in custom forms to prevent a user from entering too large a value (such as too much memory for a virtual machine)?

A. Constraints for a field
B. Regular expression for a field

C. Quotas for a field

D. Limitations for a field

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-4AF1AB3F-0ABD-4C8B-BE16-23B0E9057EBA.html

QUESTION 5 An administrator configures a pre-approval event subscription to run vRealize Orchestrator workflow. The workflow does **not** run when a machine that matches the defined criteria is requested in the service catalog.

What can the administrator do to resolve this issue?

A. Verify that approvers have executed the approve option.

B. Verify that the workflow subscription is published.

C. Verify that approvers belong to specific users and groups.

D. Verify that the approval policy is associated with the correct resource action.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.1/com.vmware.vra.extensibility.doc/GUID-10FEBA21-CCFA-4C04-92C8-8AC77D230A49.html

QUESTION 6
A vRealize Automation user provisions virtual machines (VMs) but complains that the machine prefix for his VMs does not match that of his business group. The vRealize Automation administrator confirms that the blueprint component has the machine prefix set to "Use Group Default."

Which step should be the administrator take to fix the issue with the incorrect machine prefix?

A. Assign a new machine prefix to the reservation.

B. Select the required machine prefix in the business group settings.

C. Select the required machine prefix in the fabric group.

D. Assign a new machine prefix to the vSphere endpoint.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.1/vrealize-automation-71-configuration.pdf

QUESTION 7 Which two types of entities can be a part of a vRealize Orchestrator package?
(Choose two.)

A. Policy templates

B. Inventory

C. Configurations

D. Logs

E. Scripting elements

Correct Answer: AB
Section: (none)
Explanation
Explanation/Reference:

QUESTION 8 Which role is required in vRealize Automation to add a vCenter endpoint to vRealize Business
for Cloud?

A. Business group manager
B. Infrastructure administrator
C. Business management controller
D. Business management administrator

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloudadvisors.net/vmware-vrealize-7-chapter-7-tenant-implementation/

QUESTION 9
When using the Generate Form option, what are two items for which custom form tabs are automatically created? (Choose two.)

A. Each network component defined on a blueprint
B. Each disk that is associated with each virtual machine that is already defined in the blueprint
C. Each custom property defined on a blueprint
D. Each custom property group defined on a blueprint
E. Each virtual machine component defined on a blueprint

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Which three vRealize Automation content types are supported by content lifecycle management in vRealize Suite Lifecycle Manager? (Choose three.)

A. Resource actions
B. Endpoints
C. Reservations
D. Composite blueprints
E. Entitlements
F. Property definitions

Correct Answer: BDF
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vRealize-Suite-Lifecycle-Manager/2018/com.vmware.vrsuite.lcm.20.doc/GUID-CE092BF8-1B49-40EC-B213-CB5D68E46D1E.html

QUESTION 11
Which option in a composite blueprint's settings allows an architect to modify the CPU and memory limits of provisioned virtual machines?

A. Increase number of instances
B. Propagate updates to existing deployments
C. Make available as a component in the design canvas
D. Make provisioned resources scalable

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12 What is the primary log for the vRealize
Automation appliance?

A. vcac-config.log
B. catalina.out
C. catalina.log
D. vami.log

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/6.2/com.vmware.vra.install.doc/GUID-0FA3BAB7-4897-4237-8216-F099B8F6A8E9.html

QUESTION 13
An IaaS Administrator is trying to add a new vCenter endpoint. When the administrator clicks "Test Connection", the attempt fails with the following error:

```
"The specified user name and password combination is
invalid for the endpoint at the specified address."
```

What is possible cause for this error?

A. The service account password is using invalid special characters.
B. The IaaS administrator entered an incorrect vCenter fully qualified domain name (FQDN) in the vCenter address.
C. The service account for the vCenter endpoint has not been assigned a role in vCenter.
D. The service account was entered in user principal name (UPN) format.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-3051E04E-C809-4E29-A3BF-51053BB2D7BC.html

QUESTION 14
An administrator configures vRealize Automation for high availability by installing an additional vRealize Automation appliance. When users try to login to vRealize Automation, a message about an invalid license appears.

Upon further investigation, the administrator determines that the vRealize Automation appliance nodes do not correctly resolve to the short host names of the nodes in the cluster.

Which step can the administrator take to test the name resolution issue?

A. Update the ntp.conf file on the vRealize Automation appliance.
B. Update the hosts file on the vRealize Automation appliance.
C. Update the netconfig file on the vRealize Automation appliance.
D. Update the nsswitch.conf file on the vRealize Automation appliance.

Correct Answer: B
Section: (none)
Explanation

QUESTION 15
Which step must an administrator complete to reduce the number of blueprints to provision machines from different OVF or OVA files?

A. Use the datacenter location drop-down.
B. Create blueprints tied to a reservation policy.
C. Create a software component.
D. Use an image value set for a component profile.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://usermanual.wiki/Pdf/vrealizeautomation74configuration.975498135/help

QUESTION 16
Which two methods can a vRealize Automation administrator use to delete a vSphere endpoint? (Choose two.)

A. Delete the endpoint using the vRealize Automation Cloud Client.
B. Delete the endpoint from the Postgres database.
C. Use the vRealize Automation REST API to delete the vSphere endpoint.
D. Run the "delete vSphere endpoint" stored procedure on the IaaS database.
E. Execute the "Unregister a vCenter Server extension" workflow from vRealize Orchestrator.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.4/com.vmware.vra.prepare.use.doc/GUID-F6AC38B4-48B3-4750-A05D-B0A943031FA9.html

QUESTION 17 An architect is designing a virtual machine blueprint for the deployment team. Each deployment machine must contain dynamically assigned unique IPs that can be directly reached by the resources on the corporate network.

Which type of networking is required for this blueprint?

A. NSX-T on-demand NAT network
B. NSX-T on-demand load balancer
C. NSX-T on-demand routed network
D. NSX-T existing network and security (NS) group

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18 Which two metrics providers can be used in vRealize Automation to identify underutilized virtual machines that are strong candidates for deployment reclamation of vSphere virtual machines? (Choose two.)

A. vRealize Log Insight
B. vRealize Operations manager endpoint
C. vRealize Network Insight
D. vCenter performance metrics

E. vRealize Automation metrics provider

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.6/vrealize-automation-76-foundations-and-concepts.pdf

QUESTION 19 An administrator is tasked with assembling a composite blueprint using published
machines blueprints.

Which three roles can assemble a composite blueprint? (Choose three.)

A. XaaS architect
B. Catalog administrator
C. Infrastructure architect
D. Application architect
E. Software architect
F. Container architect

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.vrcloud24x7.com/2018/08/vrealize-automation-7x-user-roles.html

QUESTION 20
A vRealize Automation administrator is installing vRealize Automation using the installation wizard. The administrator cannot see any Windows servers in which to install IaaS components.

Which agent must be installed on the IaaS Windows servers?

A. Guest Agent
B. Management Agent
C. Software Bootstrap Agent
D. Proxy Agent

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.vrcloud24x7.com/2019/01/requirements-and-prerequisites-for.html

QUESTION 21
During VM provisioning, which Event Broker state would an administrator use to execute a workflow to add CPU to a virtual machine?

A. MachineProvisioned
B. Requested
C. OnCloneMachineComplete
D. BuildingMachine

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22 What is the role of the
Proxy Agent?

A. Communicate with hypervisor endpoints
B. Communicate with hypervisor and cloud endpoints
C. Communicate with cloud endpoints
D. Communicate with vCenter endpoints

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-Validated-Design/4.2/com.vmware.vvd.sddc-design.doc/GUID-6158120D-C982-4F27-B1D3-4BCB46254FCF.html

QUESTION 23
An architect is designing a machine blueprint containing web, application and database servers utilizing NSX-T for networking. Upon provisioning, network traffic must be automatically restricted to allow the web server to communicate only with the application server, the application server to communicate with both the web and database servers, and the database server to be blocked from communicating with the other servers.

Which methods can be used to accomplish this?

A. Add an appropriate security group to the blueprint from within the Blueprint Properties, under NSX Settings.
B. Specify an appropriate NSX-T Existing Network and Security (NS) Group in the blueprint and assign it to each machine.
C. Create or update an appropriate security group within NSX-T to include the provisioned machines.
D. Assign an appropriate security group to the entitled items or entitled service with the entitlement.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
A directory has a complex hierarchy with all objects scattered in different organizational units. Synchronizing all users from it can be time-consuming and not all of them need to be vRealize Automation users. There is a security group that contains all of the users for synchronization. This group contains other groups as members. It also contains the users that require synchronization as direct members.

Which step should the administrator take to ensure that only the necessary users are synchronized to vRealize Automation?

A. Specify a subdomain for the group.
B. Disable the search filter for users.
C. Disable sync for nested group members.
D. Specify the root of the domain.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
What are two use cases for configuring a third-party identity provider for a directory in vRealize Automation? (Choose two.)
A. Creating a Just-in-Time User Provisioning directory
B. Configuring SecureID
C. Using a SAML 2.0 compliant point of authentication, such as Active Directory Federation Services

D. Configuring RADIUS
E. Using Smart Card Authentication

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.4/com.vmware.vra.prepare.use.doc/GUID-93F7569C-D228-4386-8B8D-324E110AFAF6.html

QUESTION 26 What is the correct URL to log in to the
default tenant?

A. https://vRA_FQDN/org
B. https://vRA_FQDN/org/vcacC. https://vRA_FQDN/vcac
D. https://vRA_FQDN/vcac/org

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://cloudadvisors.net/chapter-5-vrealize-automation-system-configuration/

QUESTION 27 An administrator needs to configure a blueprint to provision OVF machines from an external HTTP server where the
OVF resides.

Which two steps should the administrator take to provision the OVF machines? (Choose two.)

A. Configure the provisioning workflow settings as ImportOvfWorkflow.
B. Specify customization specification.
C. Specify the URL location of the OVF file present.
D. Run data collection.
E. Run the OVF directly from vCenter.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28 Which vRealize Automation component is used to connect to an Amazon Web
Services endpoint?

A. DEM Worker
B. Proxy Agent
C. Management Agent
D. Guest Agent

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:
Reference: https://www.definit.co.uk/2016/11/deploying-to-aws-with-software-components-on-vrealize-automation-7/

QUESTION 29 Which two statements are valid regarding resource actions?
(Choose two.)

A. A resource action requires a software component.
B. A resource action allows a user to manage or modify a provisioned catalog item.
C. A resource action uses a vRealize Orchestrator workflow.
D. A resource action allows a fabric administrator to modify available resources in an existing reservation.
E. A resource action is created in a XaaS blueprint.

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-87832D6A-9521-42CD-8C85-0A9DF748DDD8.html

QUESTION 30
A tenant administrator would like to initiate a reclamation request for underutilized virtual machines in their vRealize Automation environment. The tenant administrator selects the candidate deployment and sends a reclamation request to the owners of the virtual machines.

What happens if the virtual machine owners do **not** respond to the reclamation request in a timely manner?

A. The virtual machine is immediately expired and powered off.
B. The virtual machine gets a new lease as determined by the administrator.
C. The virtual machine continues to run and expires per the lease terms defined in the blueprint.
D. The virtual machine is immediately expired and deleted.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-B9BE9E52-8DC6-477C-824E-9BA7F8F2A311.html

QUESTION 31
Which Azure-related information is needed during an Azure endpoint configuration in vRealize Automation?

A. Azure license
B. Subscription ID
C. Username and password
D. Azure AD Connect

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://theithollow.com/2017/03/20/adding-azure-endpoint-vrealize-automation-7/

QUESTION 32
To which log would an administrator refer when investigating login issues to the vRealize Automation portal?

A. /storage/log/vmware/horizon/connector.log
B. /storage/log/vmware/vcac/catalina.out
C. /storage/db/pgdata/pg_log/postgresql.csv
D. /opt/vmware/var/log/vami/vami.log

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://kb.vmware.com/s/article/2141175

QUESTION 33
An architect wants to create a composite blueprint with nested components but cannot see the needed component in the blueprints list of the design canvas.

What is a possible reason for this issue?

A. The nested blueprint is **not** published.
B. The nested blueprint is an XaaS blueprint.
C. The nested blueprint does **not** have the _deploymentName custom property set.
D. The nested blueprint is **not** part of an entitlement.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
An administrator is part of multiple business groups. One group is only entitled to power on and power off virtual machines and the other group is only entitled to destroy the virtual machines.

Which actions will able to the administrator when a machine is deployed?

A. Power on, power off and destroy
B. Destroy only
C. Power off and destroy only
D. Power off and power off only

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.3/com.vmware.vra.prepare.use.doc/GUID-419B6905-E84F-409F-A7A3-C5AB8CDFBA7E.html

QUESTION 35 Which role is required to configure the Health Service to run system tests for vRealize
Automation?

A. IaaS Administrator
B. Tenant Administrator
C. Fabric Administrator
D. Health Consumer

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-9A0BA735-E657-4093-833B-A9517F9E188A.html

QUESTION 36
vRealize Suite Lifecycle Manager uses MyVMware credentials to discover and download which two items? (Choose two.)

A. vRealize Automation IaaS Windows server OS installation ISOs
B. vRealize Automation product installation binaries
C. vRealize Automation product license keys

D. vRealize Automation product SSL certificates
E. vRealize Automation product installation configuration files

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37 An administrator needs to change the default tenant name for vRealize
Orchestrator.

How can the administrator change the default tenant in vRealize Orchestrator Control Center?

A. Configure the authentication provider.
B. Configure system properties.
C. Modify the tenant name in the VAMI.
D. Modify host settings.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Orchestrator/7.5/com.vmware.vrealize.orchestrator-install-config.doc/GUID-7927F530-89C1-4127-AA10-D9815421290B.html

QUESTION 38 What is a specific instance of a completed or running
workflow called?

A. Workflow event
B. Workflow token
C. Workflow attribute
D. Workflow status

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Orchestrator/5.5.1/com.vmware.vsphere.vco_using_client.doc/GUID-9366A590-4DB6-485F-8557-5139EBE12851.html

QUESTION 39
A user in the Dev business group is out of the office and a machine needs to be created from a blueprint in vRealize Automation for the team.

Which two roles can create the machine on behalf of the Dev team member? (Choose two.)

A. Approval administrator role
B. Tenant administrator role
C. Business group manager role
D. Support role
E. Shared user access role
Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.3/com.vmware.vra.prepare.use.doc/GUID-135436AC-CF31-44A1-A358-61D2B68183AE.html

QUESTION 40
During the request for a blueprint named "RHEL-Prod-2.0", machine provisioning fails resulting in the following error message:

```
The following component requests failed: RHEL-Prod-2.0.
java.lang.RuntimeException: [Error code: 42000 ] - [Error Msg:
Infrastructure service provider error: The list of unallocated IP
addresses for the network profile NetworkSegment_1 has been exhausted.]
```

How can an administrator gain additional IP addresses?

A. Run data collection.
B. Update the reservation priority.
C. Re-provision the failed virtual machine.
D. Modify the network profile in the reservation.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 Which two roles can view only Health Service test cards for a specific tenant?
(Choose two.)

A. Infrastructure Administrator
B. Health Consumer
C. Fabric Administrator
D. IaaS Administrator
E. Tenant Administrator

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-9A0BA735-E657-4093-833B-A9517F9E188A.html

QUESTION 42
During the request for a Windows blueprint, machine provisioning fails resulting in the following error message:

```
The following component requests failed: Win2012_1. Allocation request
[Composition RequestId: [9c2d04ec-3a48-4921-9324-4f457cfecf95], CompTypeId:
[Infrastructure.CatalogItem.Machine.Virtual.vSphere], BlueprintId:
[Windows2012], CompId: [Win2012_1], BlueprintRequestId: [ba397e74-a792-4740-
b690-69b354daa8db], RootCafeRequestId: [b8679120-0da9-4daf-91cb-
0c2f21484e36], SubtenantId: [81eaee53-ff39-42cb-9591-7ab1af205283] with
binding id [0a0a45c6-876c-4e90-b1f6-4d9efd703453] failed with [Infrastructure
service provider error: A server error was encountered. Error requesting
machine. No reservation available that has all specified networks: RES-
Enterprise-Services.].
```

How can a fabric administrator resolve this issue?

A. Update the reservation priority.

B. Update the reservation resources.
C. add additional memory and storage in vCenter.
D. Run data collection.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43 A vRealize Automation administrator is tasked with creating a business
group in a tenant.

Which vRealize Automation role provides the administrator the required permissions to create a business group?

A. XaaS architect
B. Catalog administrator
C. Tenant administrator
D. Fabric administrator

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.3/com.vmware.vra.prepare.use.doc/GUID-135436AC-CF31-44A1-A358-61D2B68183AE.html

QUESTION 44
A vRealize Automation administrator notices that when requesting a specific blueprint, machines are provisioned to different compute resources.

Which two tasks should the administrator complete to ensure that the machines provisioned from the blueprint are always placed on the same compute resource? (Choose two.)

A. Create a new reservation and assign it to a business group.
B. Assign a reservation to a compute resource.
C. Create a new fabric group.
D. Assign a reservation policy to the blueprint.
E. Create a reservation policy and assign it to a single reservation.

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
A vRealize Automation administrator wants to be able to reconfigure the CPU resources of a managed virtual machine that is deployed by a user in a business group. The administrator is not a member of this business group.

What is the minimum role required for the administrator to be able to reconfigure the virtual machine without changing its ownership or business group?

A. Manager role
B. Support role
C. Shared access role
D. User role

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 46
A user needs to lease a machine for 14 days. The request is in approval for three days with his manager before being provisioned.

How many days will the machine be active before expiration?

A. 14
B. 17
C. 10
D. 11

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
In a vRealize Automation environment, there is only one reservation configured as "Compute01" with one storage path "datastore01" configured with a priority of 1 for the "Finance" business group. Virtual machine provisioning fails resulting in the following error message:

```
No reservation available to allocate within the group
"Finance". Total 5 GB of storage was requested.
```

What can the administrator do to address this issue?

A. Increase the reserved storage available in the reservation.
B. Increase the priority of the storage path.
C. Add a new reservation policy for the reservation.
D. Increase the size of the datastore.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48 Users are not able to login after installation of vRealize Automation (vRA)
is complete.

What is a possible cause of this issue?

A. An approval policy is not activated.
B. Users belong to a different business group.
C. Time servers on all vRA servers are not synchronized.
D. Users are not entitled to a catalog item.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49 Which two actions can be completed using vRealize Suite Lifecycle Manager?
(Choose two.)

A. Add components to a vRealize Automation product deployment.
B. Upgrade vRealize Automation.
C. Remove components from a vRealize Automation product deployment.
D. Create vRealize Automation business groups.
E. Manage vRealize Automation tenants.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vRealize-Suite-Lifecycle-Manager/2018/vrealize-lifecycle-manager-21-installation-upgrade-and-management.pdf

QUESTION 50 What is prerequisite for creating a NAT or routed network profile in vRealize
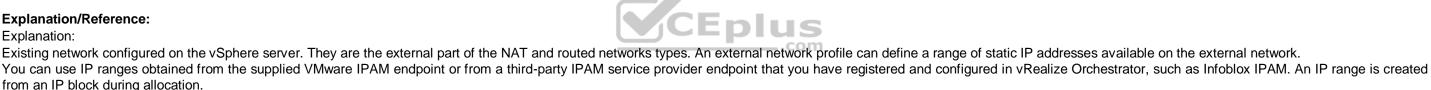Automation?

A. An existing external network profile
B. A load balancer
C. A predefined DNS server
D. A predefined DHCP range

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
Existing network configured on the vSphere server. They are the external part of the NAT and routed networks types. An external network profile can define a range of static IP addresses available on the external network.
You can use IP ranges obtained from the supplied VMware IPAM endpoint or from a third-party IPAM service provider endpoint that you have registered and configured in vRealize Orchestrator, such as Infoblox IPAM. An IP range is created from an IP block during allocation.
An external network profile with a static IP range is a prerequisite for NAT and routed networks.

Reference: https://docs.vmware.com/en/vRealize-Automation/7.3/com.vmware.vra.prepare.use.doc/GUID-B6E703B8-6F46-4BE0-998D-9B6B7E402129.html

QUESTION 51 In order to use an Active Directory user as a managed item in vRealize Automation, what must be
created first?

A. A customer resource that maps to an Active Directory user object (AD:User)
B. A customer resource that maps to an Active Directory domain controller (AD:DC)
C. A resource action to add an Active Directory user object (AD:User)
D. A resource action to add an Active Directory domain controller (AD:DC)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
A virtual machine provision fails the following error:

```
The following component requests failed: CentOS.java.lang.RuntimeException:
[Error code: 42000 ] - [Error Msq: Infrastructure service provider error: The
list of unallocated IP addresses for the network profile VM Network Network
Profile has been exhausted.
```

What is a possible reason for this error?

A. The reservation is missing the appropriate network profile.
B. The reservation is out of available IP addresses.
C. The network profile is out of available IP addresses.
D. The network profile is misconfigured with the incorrect network.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53 What is the minimum supported key length that can be used in vRealize Automation SSL
certificates?

A. 4096 bits B.
1024 bits
C. 2048 bits
D. 512 bits

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.install.upgrade.doc/GUID-B9B2BA2D-B57B-4963-87BE-4939C20C4693.html

QUESTION 54 What are two types of objects that can be managed in XaaS custom resources?
(Choose two.)

A. Custom form tabs
B. Active Directory users or computers
C. Blueprints objects
D. Software blueprints
E. NSX objects

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55 What can be added to vSphere machine components in blueprints in order to enable users to select from predefined
machine sizes?

A. vSphere profiles
B. Component profiles
C. Blueprint profiles
D. Machine profiles

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.dutchvblog.com/virtualization/cloud-automation/vrealize-automation-component-profiles/

QUESTION 56
An administrator installs vRealize Automation and adds a new vCenter Server endpoint. Data
collection from the vCenter Server is failing resulting in the following error:

```
Error executing query usp_SearchInitialiazingRequestVirtualMachines
Inner Exception: Error executing query usp_SelectGroup
```

What is a possible cause of this issue?

A. Incorrect vCenter Server credentials are being used in the endpoint configuration.
B. Transport Layer Security (TLS) is disabled on IaaS Windows server machines.
C. Distributed Transaction Coordinator (DTC) remote transactions are disabled on IaaS Windows Server machines.
D. The vRealize Automation's Proxy Agent for vSphere service is not running.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://kb.vmware.com/s/article/2089503

QUESTION 57 Which two components require a load balancer?
(Choose two.)

A. IaaS Web
B. IaaS Manager
C. Proxy Agent
D. Management Agent
E. DEM Worker

Correct Answer: AB
Section: (none)
Explanation
Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.3/vrealize-automation-load-balancing.pdf

QUESTION 58
Which on-demand network component is only available when using NSX Data Center for vSphere on the blueprint design canvas?

A. On-demand private network
B. On-demand NAT network
C. On-demand routed network
D. On-demand load balancer

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.6/com.vmware.vra.prepare.use.doc/GUID-716114B0-C72A-48D6-9274-87F81C1AD8F3.html

QUESTION 59
A vRealize Automation administrator wants to run a vRealize Orchestrator workflow immediately after a virtual machine has been given an IP address by using a vSphere customization specification configured in a blueprint.

Which event subscription machine provisioning state should the administrator use to achieve this?

A. CloneWorkflow.CustomizeMachine
B. VMPSMasterWorkflow32.MachineActivated
C. CloneWorkflow.CustomizeOS
D. VMPSMasterWorkflow32.RegisterMachine

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
Which two steps must an administrator take to create an approval policy through two levels of management when expanding the resources of a virtual machine beyond a specific footprint? (Choose two.)

A. Attach the approval policy to the specific day 2 actions: increase RAM, add CPUs and add Disk storage.
B. Create a two layer approval policy.
C. Configure the approval policy to re-provision the virtual machine based on a larger blueprint if approval is granted at all levels.
D. Attach a multiple layer approval policy to the service to which the blueprint is attached.
E. Set up a conditional approval policy.

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
A vRealize Automation IaaS administrator needs to create an association between vSphere and NSX endpoints.

What are two possible associations that can be created? (Choose two.)

A. Multiple NSX-T endpoints associated with multiple vSphere endpoints
B. One vSphere endpoint associated with a single NSX for vSphere endpoint
C. One vSphere endpoint associated with multiple NSX-T endpoints
D. One NSX for vSphere endpoint associated with multiple vSphere endpoints
E. One vSphere endpoint associated with both an NSX-T and NSX vSphere edge router endpoints simultaneously

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.5/com.vmware.vra.prepare.use.doc/GUID-3051E04E-C809-4E29-A3BF-51053BB2D7BC.html

QUESTION 62 Which two tasks can be accomplished using vRealize Suite Lifecycle Manager?
(Choose two.)

A. Change the vRealize Automation tenant administrator password.
B. Create additional vRealize Automation tenants.
C. Remediate configuration drift in vRealize Automation.

D. Change the vRealize Automation appliance root password.

E. Change the vRealize Automation IaaS administrator password.

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Suite/2017/com.vmware.vrsuite.lcm.doc/GUID-A915D155-00ED-4DA0-A1C7-203646B943A1.html

QUESTION 63 Which vRealize Automation role is required to run a manual data collection for
compute resources?

A. Fabric administrator

B. IaaS administrator

C. System administrator

D. Tenant administrator

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.4/com.vmware.vra.prepare.use.doc/GUID-EA1AEDAD-3F42-4396-A823-194AF4CFFEC7.html

QUESTION 64
A vRealize Automation administrator with the software architect role is planning to deploy applications as a part of the vRealize Automation provisioning process on VMware vSphere and Amazon Web Service (AWS) virtual machines.

Which two agents are required on the base template or the Amazon machine image (AMI)? (Choose two.)

A. Rest agent

B. Management agent

C. Proxy agent

D. Guest agent

E. Software bootstrap agent

Correct Answer: DE
Section: (none)
Explanation
Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.6/vrealize-automation-76-foundations-and-concepts.pdf (13)

QUESTION 65 To which log would an administrator refer discover a reason for a 404 not found in the infrastructure tab in vRealize
Automation?

A. DEM Orchestrator log

B. DEM Worker log

C. IaaS Manager log

D. Repository log

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.vmtocloud.com/repo-404-error-when-clicking-infrastructure-tab-in-vcac-6-0-1/

QUESTION 66

An IaaS administration adds a vCenter Server endpoint for the first time and sees the following error in the Infrastructure Monitoring log:

```
This exception was caught: The attached endpoint 'vCenter' cannot be found.
```

What should the administrator do to troubleshoot this error?

A. Validate that the vSphere (vCenter) endpoint name matches the name of the DEM Worker.
B. Restart the Proxy Agent service.
C. Restart the IaaS Manager Server service.
D. Validate that the vSphere (vCenter) endpoint name matches the name of the vSphere Proxy Agent service.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.1/com.vmware.vrealize.automation.doc/GUID-27D79479-5F18-42A2-B5EE-A33444097F4F.html

QUESTION 67 Which two roles can import a blueprint from the VMware Marketplace?
(Choose two.)

A. Infrastructure architect role
B. Software architect role
C. Catalog administrator role
D. Business group administrator role
E. Application architect role

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.vmtocloud.com/how-to-import-vra7-blueprints-as-code/

QUESTION 68 When importing machines into vRealize Automation, how is the list of machines populated
into the csv file?

A. Through an inventory object in vRealize Orchestrator
B. Manually by the administrator
C. Through data collection on the endpoint
D. Directly from vSphere inventory through API

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.helloitscraig.co.uk/2015/08/migrating-vrealize-automation-machine.html

QUESTION 69
A vRealize Automation administrator wants to join provisioned Windows machines to Active Directory organization units based on a users' business group membership.

What are two ways an administrator can use to specify the organizational unit? (Choose two.)

A. Custom properties
B. Active Directory Group Policy
C. Active Directory AD: Computer Custom Resource

D. Access policies
E. vRealize Automation Active Directory policies

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70 Catalog item requests are taking longer than
usual to provision.

Upon reviewing the vRealize Automation instance in the environment, the IaaS Administrator discovers the following error:

```
"[EventBrokerService] Failed resuming workflow b6e9276a-f20f-40fl-99ad-
6d9524560cc2 on queue 3679fa71-ac2a-42d5-8626-f98ea096f0d3.
System.Workflow.Runtime.QueueException: Event Queue operation failed with
MessageQueueErrorCode QueueNotFound for queue '3679fa71-ac2a-42d5-8626-
f98ea096f0d3'.
at System.Workflow.Runtime.WorkflowQueuingService.EnqueueEvent
(IComparable queueName, Object item)
at System.Workflow.Runtime.WorkflowExsecutor.EnqueueItem(IComparable
queueName, Object item, IPendingWork, pendingWork, Object workItem)
at System.Workflow.Runtime.WorkflowInstance.EnqueueItem(IComparable
queueName, Object item, IPendingWork, pendingWork, Object workItem)
at DynamicOps.VMPS.Service.Workflow.Services.EventBrokerService.OnMessage
(EventObject obj)
[UTC:2015-11-14 07:14:25 Local:2015-11-13 23:14:25] [Error]: Thread-
Id="15" - context="HKBsp6Tt"
token="JeuTG7ru" [EventBrokerClient] Invoking subscription callback
failed: Event Queue operation failed with MessageQueueErrorCode
QueueNotFound for queue '3679fa71-ac2a-42d5-8626-f98ea096f0d3'.
Parent topic: Troubleshooting Workflow Subscriptions"
```

Further investigation reveals that the IaaS Manager Service is active on more than one IaaS Manager Service server.
What can the administrator do to address this issue?

A. Stop and disable the Management Agent service.
B. Stop and disable one of the DEM Worker services.
C. Stop and disable all IaaS Manager services.
D. Stop and disable one of the IaaS Manager services.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Automation/7.0/com.vmware.vra.extensibility.doc/GUID-7E54F8B9-9F76-4470-9B6F-6DAE5972E740.html