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2V0-31.20

Professional VMware vRealize Automation 8.1



## Exam A

**QUESTION 1** When considering the architecture of a clustered deployment of VMware vRealize Automation, which two components will require the configuration of an external load balancer?  
(Choose two.)

- A. vRealize Suite Lifecycle Manager
- B. vRealize Automation
- C. VMware Identity Manager
- D. PostgreSQL Database
- E. vCenter Server

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

## QUESTION 2

An administrator is tasked with creating cloud zones for an existing Amazon Web Services (AWS) cloud account.

Which type of compute resource can be added to the cloud zone?

- A. Cluster
- B. Elastic Cloud Compute (EC2) Instances
- C. Availability Zones
- D. Virtual Private Cloud (VPC)

**Correct Answer:** A

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUID-DDAA67C6-EC17-41BD-BF15-98EEF9B0A418.html>

## QUESTION 3

An administrator configures cloud accounts for vSphere, Amazon Web Services and Google Cloud Platform. Each public cloud account has a single region configured, with a single cloud zone associated with each. Company policy states that all development workloads should be deployed to the public cloud. The administrator wants to ensure that when creating blueprints for this project an appropriate constraint tag is specified to meet the placement policy and that App-Dev users are allowed to select whether to deploy the machine to production or development. The tagging strategy states that development environments should be tagged with “dev” and production environments should be tagged “prod”. Which two actions should the administrator take to ensure the objective is met? (Choose two.)

- A. Add a capability tag to each public cloud zone, using env:prod as the key/value pair.
- B. Add a capability tag to each vSphere cloud zone, using env:prod as the key/value pair.
- C. Add a capability tag to each public cloud zone, using env:dev as the key/value pair.
- D. Add a capability tag to each vSphere cloud zone, using env:dev as the key/value pair.
- E. Add a capability tag to each cloud account, using env:prod as the key/value pair.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUID-9DB7610D-9179-419B-9605-539F625A81D1.html>

**QUESTION 4** What are two purposes of projects in vRealize Automation?  
(Choose two.)

- A. Add cloud accounts

- B. Map compute resources to users and groups
- C. Organize image mappings
- D. Create tenants
- E. Configure custom naming

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://cloudadvisors.net/2019/12/13/vrealize-automation-8-working-with-projects-first-considerations/>

#### QUESTION 5

Which vRealize Suite product helps an administrator understand the monetary impact of individual deployments and manage costs in vRealize Automation?

- A. vRealize Log Insight
- B. vRealize Operations
- C. vRealize Network Insight
- D. vRealize Suite Lifecycle Manager

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/products/vrealize-suite/vmware-vrealize-suite-lifecycle-manager-solution-overview.pdf>

#### QUESTION 6

The CTO releases a new company policy stating that all workloads need to be managed through vRealize Automation (vRA) so that access to day 2 operations can be controlled centrally through a policy. Prior to this policy, the App-Dev team deployed all of their 300 development and test workloads within a single public cloud vendor. The naming convention used for workloads is provided in the following table:

Environment	Naming Conversation
development	dev-<app-id>-<id>
test	test-<id>
production	prod-<app-id>-<id>

The App-Dev team needs to onboard all of the running development workloads into vRA and allocate them to the App-Dev project. The administrator creates a new Onboarding Plan and specifies the correct project and cloud account.

Which action should the administrator complete next to meet these requirements?

- A. Add 2 filtering rules, with Rule 1 criteria as “name:dev” and Rule 2 criteria as “status:on”.
- B. Add 1 filtering rule and combine the criteria “name:test” and “status:off”.C. Add 1 filtering rule and combine the criteria “name:dev” and “status:on”.
- D. Add 2 filtering rules, with Rule 1 criteria as “name:test” and Rule 2 criteria as “status:on”.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 7

An administrator is configuring a cloud account for Microsoft Azure.

Which piece of information must the administrator provide in order to successfully add this cloud account?

- A. Username
- B. IP address
- C. Password
- D. Subscription ID

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-F7656A16-6E21-4D5E-8F3A-AF38D365555F.html>

#### QUESTION 8

An administrator is preparing for a proof-of-concept using vRealize Automation to demonstrate the value of self-service automation. Its development environment has limited resources due to other competing projects.

Which type of vRealize Automation deployment should the administrator use when deploying with the vRealize Easy Installer?

- A. Standard
- B. Highly Available
- C. Clustered
- D. Federated

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-vRealize-Suite-Lifecycle-Manager/8.1/com.vmware.vrsuite.lcm.8.1.doc/GUID-26003B0F-69E3-4D30-8625-64C000D5A12F.html>

**QUESTION 9** An administrator is building a blueprint to allow users to select a cloud type.

The cloud type options are:

- Amazon Web Services ▪
- vSphere

Where will the administrator configure capability tags so that the proper compute is selected at the time of deployment?

- A. Projects
- B. Cloud Accounts
- C. Cloud Zones
- D. Network Profile

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-8E630DEA-4732-45FC-9655-6933D55818C1.html>

**QUESTION 10** An administrator needs to create a new project for the development team.

Which vRealize Automation resource can be added to a project?

- A. Cloud Zones
- B. Cloud Accounts
- C. Flavor Mappings
- D. Image Mappings

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.2/Using-and-Managing-Cloud-Assembly/GUID-55F871CF-87BF-4BE5-8429-8DFB63286E22.html>

**QUESTION 11** Which feature should an administrator use in order to place virtual machine deployments on specific datastores?

- A. Image mappings
- B. Flavor mappings
- C. Storage profiles
- D. Network profiles

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 12** An administrator needs to import Cloud Assembly blueprints into Service Broker. What are two pre-requisite steps that must be performed in Cloud Assembly? (Choose two.)

- A. Clone the blueprint.
- B. Test the blueprint.
- C. Release the blueprint to Service Broker.
- D. Version the blueprint.
- E. Download the blueprint to Service Broker.



**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Service-Broker/services/Using-and-Managing/GUID-4D1352FD-5D19-4955-9CF3-9CB05063C401.html>

**QUESTION 13** Which option should an administrator configure to implement storage profiles in blueprints?

- A. Cloud zones
- B. Projects
- C. Tags
- D. Flavor mappings

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 14** Which two public cloud accounts are supported for vRealize Automation? (Choose two.)

- A. Microsoft Azure
- B. Oracle Cloud

- C. Amazon Web Services
- D. IBM Cloud
- E. Alibaba Cloud

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-6667AA70-169A-4E03-A377-B2B4533910D4.html>

**QUESTION 15** Which vRealize Automation service is a development- and process-automation platform that supports extensibility and Anything-as-a-Service (XaaS) features in vRealize Automation?

- A. Cloud Assembly
- B. Code Stream
- C. vRealize Orchestrator
- D. Service Broker

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://thecloudxpert.net/2019/12/12/vra8-lets-talk-about-xaas/>

**QUESTION 16** While deploying a virtual machine blueprint, an administrator encounters the following error:

Error: com.vmware.xenon.common.LocalizableValidationException: Unable to find a valid subnet for network 'Network\_External' of type 'EXISTING' with constraints '[dc:metro, tier:1]', reasons: [Network profile 'publicnet / Metro' was skipped because [Network [Network\_External] allocation: cannot allocate a network with static IP ranges for profile 'publicnet / Metro'.]] Where should the administrator start to troubleshoot?

- A. Cloud Zones
- B. Projects
- C. Network Profiles
- D. Tags

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 17** An administrator is tasked with integrating vRealize Operations and vRealize Automation.

Which two pieces of information will the administrator require to perform this integration? (Choose two.)

- A. The license key for vRealize Operations
- B. The vRealize Orchestrator details through which vRealize Operations will be configured
- C. The IP/FQDN of the vRealize Operations server
- D. The vRealize Operations login username and password
- E. The SSL certificate of the vRealize Operations server

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Operations-Manager/8.1/com.vmware.vcom.core.doc/GUID-25F0450A-86CE-4E47-84D0-82C01DF47D27.html>

**QUESTION 18**

Which `kubectl` command should be run to find the Kubernetes authentication method?

- A. `kubectl describe pod <pod-name>`
- B. `kubectl describe secrets`
- C. `kubectl -n prelude describe pod <pod-name>`
- D. `kubectl explain`

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 19** Which command should an administrator run to check the status of vRealize Automation services?

- A. `kubectl cluster-info -n prelude`
- B. `vracli status`
- C. `kubectl -n prelude get pods`
- D. `vracli org-oauth-apps`

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Validated-Design/6.0/sddc-operational-verification/GUID-040957F2-F4F0-46CE-857B-A0BAF03355EB.html>

**QUESTION 20** The vRealize Orchestrator Service runs as a Kubernetes pod within each vRealize Automation appliance.

Which two containers make up the vRealize Orchestrator Service? (Choose two.)

- A. `vco-controlcenter`
- B. `vco-server`
- C. `vco-inventory`
- D. `vro-controlcenter`
- E. `vro-server`

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Orchestrator/8.1/vrealize-orchestrator-81-install-config-guide.pdf>

**QUESTION 21**

What is the main difference between vRealize Orchestrator non-persistent logs and persistent logs?

- A. Log Insight forwarding configuration
- B. Storing of events in the database
- C. Time Synchronization of logs

D. Logging level configuration

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Orchestrator/7.6/com.vmware.vrealize.orchestrator-install-config.doc/GUID-4E29EBE7-181D-4B17-982E-7599F9164F1B.html>

**QUESTION 22** Which command should an administrator run to collect a vRealize Automation log bundle?

- A. `kubectl -n prelude logs`
- B. `vracli log-bundle`
- C. `vracli vrli`
- D. `kubectl get pods --all-namespaces`

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/administering-vrealize-automation.pdf>

**QUESTION 23**

Although an organization has sufficient capacity within the on-premises VMware SDDC, the CTO has decided to evolve the public cloud strategy into a “Right Cloud First” strategy. To support this, the administrator has suggested the use of vRealize Automation to provide a consistent portal with a multi-cloud service catalog to enable the users to use self-service to deploy workloads into different clouds. The administrator needs to configure cloud accounts for public clouds to support the new strategy.

Which two of the public clouds are supported platforms? (Choose two.)

- A. Google Cloud Platform
- B. Microsoft Azure
- C. IBM Cloud
- D. OVH Cloud
- E. Oracle Cloud

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 24**

When creating a subscription in Cloud Assembly, what are the two types of runnable items available for executing code? (Choose two.)

- A. Python
- B. vRO Workflow
- C. ABX Action
- D. PowerShell
- E. Node.js

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**





Reference: <https://www.stevenbright.com/2020/02/custom-hostname-generation-in-vrealize-automation-8/2/>

**QUESTION 25**

Which three VMware vRealize Suite components can be installed with the vRealize Easy Installer? (Choose three.)

- A. vRealize Log Insight
- B. vRealize Network Insight
- C. VMware Identity Manager
- D. vRealize Automation
- E. vRealize Operations
- F. vRealize Suite Lifecycle Manager

**Correct Answer:** CDF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/installing-vrealize-automation-easy-installer/GUID-CEF1CAA6-AD6F-43EC-B249-4BA81AA2B056.html>

**QUESTION 26** Which vRealize Automation service is only available through an external appliance in vRealize Automation Cloud?

- A. Code Stream
- B. Cloud Assembly
- C. Service Broker
- D. vRealize Orchestrator

**Correct Answer:** D

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://blogs.vmware.com/management/2019/10/vrealize-automation-new-install-and-configuration.html>

**QUESTION 27** Where can an administrator examine the commands sent to cloudConfig by vRealize Automation during machine provisioning?

- A. Extensibility > Library > Workflow Runs
- B. Infrastructure > Activity > Events Log
- C. Deployment > Provisioning Diagram > Dev Mode
- D. Extensibility > Activity > Workflow Runs

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 28** Which `vracli` command should be run to check vRealize Automation cluster information?

- A. `vracli vidm`
- B. `vracli status`
- C. `vracli db`
- D. `vracli cluster`

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://garyflynn.com/technology/vmware/vrealize-automation-8x-troubleshooting/>

**QUESTION 29** The Quickstart wizard executes multiple actions when submitted.

What is one of the actions that is always executed by the Quickstart wizard?

- A. Execute subscriptions for an event topic
- B. Create an Active Directory integration
- C. Send approval notification
- D. Request a deployment from a machine catalog item

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://blogs.vmware.com/management/2019/10/vrealize-automation-new-install-and-configuration.html>

**QUESTION 30** Which two components can be used to add a directory for identity and access management? (Choose two.)

- A. vRealize Automation
- B. vRealize Suite Lifecycle Manager
- C. vCenter Server
- D. vRealize Operations
- E. VMware Identity Manager



**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Administering/GUID-29D1F2C2-5878-4AB0-A382-0127BF22D42F.html>

**QUESTION 31**

Refer to the exhibit.

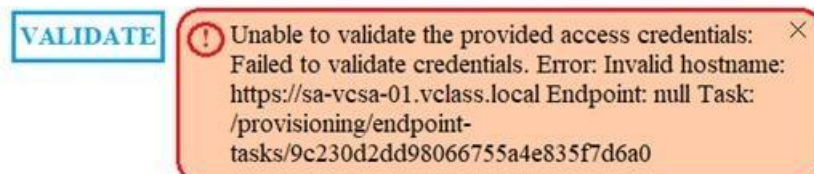
## New Cloud Account

### vCenter Server Credentials

vCenter IP address/FQDN \*  ⓘ

Username \*

Password \*



Name \*

Description

Capabilities

Capability tags  ⓘ



An administrator receives the error in the attached screenshot when attempting to add a cloud account.

What is a possible cause of this error?

- A. The hostname uses a URL instead of IP address/FQDN.
- B. A cloud account exists with the same name.
- C. The username and password are incorrect.
- D. There is an invalid certificate for the vCenter.

**Correct Answer:** C

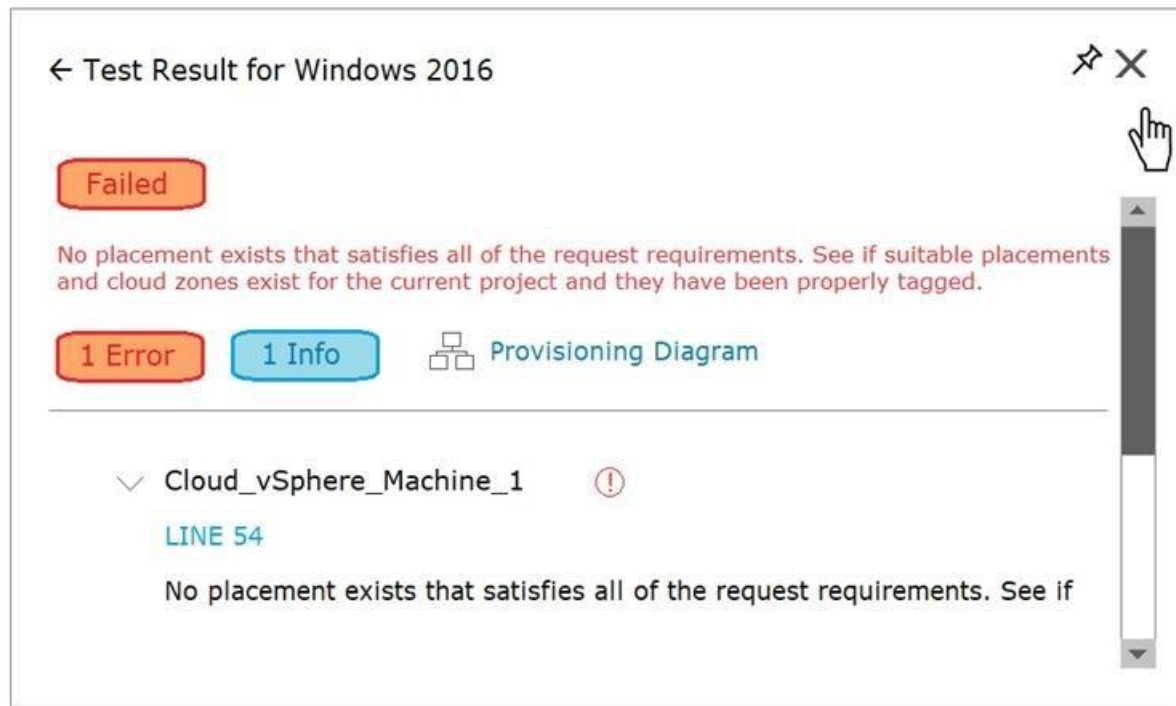
**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 32

Refer to the exhibit.



An administrator is testing a newly created Windows 2016 blueprint in Cloud Assembly. While using the Test option from within the blueprint, the attached error appears.

What is a possible cause for this error message?

- A. The network profile created did not have the correct capability tag.
- B. During the machine allocation phase, Cloud Assembly could not find enough resources.
- C. The administrator did not associate a cloud zone to the project.
- D. The administrator did not add a cloud account.



**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.2/vrealize-automation-transition/GUID-F3541BFC-E154-4E76-8845-FAF4E40632E3.html>

**QUESTION 33** An administrator configures a lease policy with the following settings:

- Maximum lease (days): 10
- Maximum total lease (days): 30 ▪
- Grace period (days): 5

If a user does not respond to any emails, after how many days will the deployment be destroyed?

- A. 35
- B. 15
- C. 40
- D. 10

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 34** An administrator is setting up a storage profile for one of the public cloud accounts.

Which cloud account allows the configuration of device type “EBS” and volume type “General Purpose SSD”?

- A. VMware Cloud on AWS
- B. Google Cloud Platform
- C. Amazon Web Services
- D. Microsoft Azure

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.2/Using-and-Managing-Cloud-Assembly/GUID-32433F9C-A27E-46D6-8B77-8A4BA8E23D1E.html>

**QUESTION 35**

An administrator is tasked with creating a new vSphere and NSX blueprint for the App-Dev team. The administrator successfully configures multiple network profiles that will create different types of on-demand networks. The App-Dev team wants the blueprint to create an on-demand network that can be connected externally.

Which two network types should the administrator consider using in the blueprint? (Choose two.)

- A. Routed
- B. Public
- C. Private
- D. Outbound
- E. Existing

**Correct Answer:** CD

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-01E442EE-4004-4ED1-AA32-9CF73F24CB09.html>

**QUESTION 36**

An administrator must restrict the amount of memory resources available for a specific group of users.

On which component would the administrator configure this?

- A. Projects
- B. Cloud Accounts
- C. Cloud Zones
- D. Flavor Mappings

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.stevenbright.com/2019/11/getting-started-with-vrealize-automation-8-0-cloud-assembly/2/>

**QUESTION 37**

An administrator wants to simplify the cloud configuration as much as possible. Recently the administrator was asked to simplify the blueprint creation and requesting process. The goal is to create a single blueprint that can be deployed to different cloud accounts available in the environment.

Depending on the cloud, the appropriate template should be used.

Which vRealize Automation construct can the administrator use to achieve this goal?

- A. Image Mappings
- B. Customization Specifications
- C. Flavor Mappings
- D. Storage Profiles

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 38

Refer to the exhibit.

 App-Dev-2		4 Resources	Created 5 minute...	Expires in a day
No description		subnet-4ee6fa25		
Project	App-Dev	WebApp_Server233	► On	3.121.234.104
Requestor	External_Network231			
<a href="#">MORE</a> ▼				

An administrator configures a lease policy, (“1 Day Lease”), for the App-Dev project so that machines have a starting lease of one day and a maximum lease of five days.

The following week, the administrator is assigned a ticket to address an issue with machines being deleted without any notifications being received. The administrator requests a new machine deployment through the App-Dev project’s service catalog. Given the one day lease period, the administrator expects to receive an automated “Lease Expiring” system immediately following a successful deployment; however, the email is not received. The administrator checks the deployment that has just been created (as displayed in the exhibit) and confirms that the “1 Day Lease” policy has been correctly applied.

Which action should the administrator take to resolve this issue?

- A. Ensure the users have notifications enabled.
- B. Run the Configure mail workflow.
- C. Configure the notification email Server.
- D. Add an email endpoint.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 39** Which network profile uses network address translation (NAT) in vRealize Automation?

- A. Private network profile
- B. Existing network profile
- C. Outbound network profile
- D. Routed network profile

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 40** Which two actions can be performed against a Cloud Assembly machine-based deployment? (Choose two.)

- A. Change lease for the deployment.
- B. Resize the deployment.
- C. Run machine-level actions including adding USB controller.
- D. Change machine IP address assignment to DHCP.
- E. Power off the deployment.

**Correct Answer:** AE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUID-C68A0220-E3EA-4F6A-8F91-7F50DFFE2875.html>

**QUESTION 41** An administrator is tasked with configuring logging for vRealize Automation so that a copy of the logs are forwarded to vRealize Log Insight.

Which command would an administrator run to configure log forwarding?

- A. `vraccli log-bundle`
- B. `vraccli vrli set <fqdn>:9543`
- C. `vraccli vrli set <fqdn>:443`
- D. `vraccli vrli unset`

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Administering/GUID-8C7A4CC2-A10A-4ABA-A555-0266E003B77A.html>

**QUESTION 42** Which step must an administrator take when performing a vRealize Automation manual installation using Lifecycle Manager?

- A. Configure an additional network interface
- B. Set up a certificate in the certificate locker
- C. Configure storage policies
- D. Integrate Active Directory

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 43** What happens if multiple resources in a provisioning request meet conflicting hard constraints?

- A. Round robin is used to select only one of the conflicting tags.
- B. Soft constraints are used as a tiebreaker.
- C. Tags from the project take precedence.
- D. Tags from the blueprint take precedence.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-C8C335F4-9623-401C-825E-6F5B2B3C6507.html>



#### QUESTION 44

Refer to the exhibit.



The App-Dev team requests that IT provide them with a multi-cloud catalog where they can use self-service to deploy their own development workloads without needing to raise a work order with the IT team. The company security policy requires that users be granted the least privileges necessary to fulfill their role.

Within vRealize Automation (vRA), the administrator successfully updates the existing directory configuration to include the App-Dev-User group and then uses the Enterprise Groups feature to assign both organization and service roles to the App-Dev team. The administrator then logs into vRA, creates a dedicated App-Dev project and adds the appropriate development cloud zones, synchronizes the standardized blueprints from GitHub and releases them to Service Broker and configures the content sources so they show up in the service catalog. The administrator checks and is able to see the blueprints, and requests that the App-Dev team leader log in and access the catalog. The App-Dev team leader replies with the attached screenshot and requests more information about where to find the service catalog.

Which two actions should the administrator take within Identity & Access Management to resolve the access issue for the App-Dev team? (Choose two.)

- A. Change the assigned organization role to Member.
- B. Change the assigned organization role to Owner.
- C. Assign the Service Broker Administrator service role.
- D. Assign the Service Broker User service role.
- E. Assign the Cloud Assembly User service role.



**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 45

An administrator is trying to create a new set of image mappings that will map to vSphere templates within a new vCenter Server cloud account. When the administrator tries to select the Windows Server 2016 image, nothing appears on the list. The administrator has confirmed that the vSphere template exists in the correct location within vCenter Server.

Which action should the administrator take to be able to create the new image mapping?

- A. Make sure the correct NSX endpoint is selected for the vCenter Server cloud account.
- B. Validate the vCenter Server cloud account credentials.
- C. Add a new capability tag to the vCenter Server cloud account.
- D. Check to make sure image synchronization is successful for the vCenter Server cloud account.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 46** What are two prerequisites a vRealize Automation standard deployment? (Choose two.)



- A. IPv6 addresses
- B. DHCP server
- C. IPv4 addresses
- D. Load Balancer
- E. DNS server

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 47

An administrator is trying to synchronize a new blueprint into the App-Dev project. The administrator copies the blueprint code directly from Cloud Assembly into a text file and uploads it into the Github repository so that it can be synchronized to the App-Dev project.

When the administrator clicks 'Synch Repos', a new blueprint does not appear.

Which step must the administrator take to allow it to synchronize from the Github repository?

- A. Clone the blueprint.
- B. Release the blueprint.
- C. Upload the blueprint.
- D. Add the name and version to the blueprint YAML code.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**



#### QUESTION 48

An administrator creates a custom form for a RHEL blueprint. A user reports only being able to see the standard form when requesting the blueprint.

Which step should the administrator take to resolve this issue?

- A. Enable the custom form for the RHEL blueprint.
- B. Enable the custom form in the project for the RHEL blueprint.
- C. Enable the custom form feature in Cloud Assembly.
- D. Enable the custom form feature in Service Broker.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 49

An administrator for vRealize Automation configures the cloudConfig section of the machine definition in a blueprint. The templates to be used with the blueprint are properly configured to support cloud-init. At which point in the provisioning process will the cloud-init code be executed?

- A. Upon first boot and during any day 2 restart operation
- B. Upon first boot and any time the blueprint is updated and re-applied to existing deployments
- C. Upon first boot of the virtual machine only
- D. Upon first boot and again after a reboot which occurs during the initial provisioning of the virtual machine

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://vnuggets.com/2020/01/29/vra-with-cloud-init-and-static-networking/>

**QUESTION 50** An administrator creates multiple flavor mappings and names them as follows:

Small:

1. vCenter / Datacenter:datacenter-1 - cpu = 1, memory = 2 GB
2. AWS-West-1 / us-west-1 = t2.micro

Medium:

1. vCenter / Datacenter:datacenter-1 - cpu = 2, memory = 4 GB
2. AWS-West-1 / us-west-1 = t2.small

Where would the administrator use those named mappings to allow users to select image sizes?

- A. Blueprints
- B. Custom forms
- C. Cloud zones
- D. Projects

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-9CBAA91A-FAAD-4409-AFFC-ACC1810E4FA5.html>

**QUESTION 51**

An administrator creates a content source to import three Cloud Assembly blueprints in to Service Broker. After some time, he is tasked with deleting the content source.

What would happen if and when this content source is deleted?

- A. All three blueprints are deleted from Service Broker and Cloud Assembly.
- B. Only the content source is deleted but the blueprints remain intact in Service Broker.
- C. All three blueprints are deleted from Service Broker.
- D. Once created, a content source cannot be deleted.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/using-and-managing-vrealize-automation-cloud-assembly.pdf>

**QUESTION 52**

In vRealize Automation Cloud Assembly, what can administrators use Onboarding Plans to do?

- A. View a list of virtual machines that have not yet been data-collected from a public cloud account.
- B. Identify virtual machines that have been data-collected from a configured cloud account but are not yet managed by vRealize Automation.
- C. Identify virtual machines that were deployed using vRealize Automation.
- D. Find the best blueprint to match to discovered virtual machines.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-B8037EFB-27A9-4351-A528-E3FFFB5DD586.html#:~:text=Use%20an%20onboarding%20plan%20to,create%20one%20or%20many%20deployments>

**QUESTION 53** What is the function of Action-Based Extensibility (ABX)?

- A. It provides intelligent remediation and integrated compliance for security patches.
- B. It provides the capability to migrate content between instances of vRealize Automation.
- C. It provides efficient capacity and cost management for managed virtual machines.
- D. It provides a way to execute action templates, which contain reusable parameterized actions.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUID-55847415-5920-47E7-86BD-20CD9EB6BA6B.html>

**QUESTION 54** Where does multi-tenancy have to be initially enabled before tenants can be created?

- A. Cloud Assembly
- B. vRealize Suite Lifecycle Manager
- C. VMware Identity Manager
- D. Service Broker



**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://blogs.vmware.com/management/2020/04/introducing-multitenancy-support-vrealize-automation-81.html>

**QUESTION 55** Assuming no additional inputs have been added to the blueprint and the custom form is not enabled, which two fields are always flagged as mandatory when requesting a catalog item? (Choose two.)

- A. Deployment name
- B. Description
- C. Version
- D. Cloud zone
- E. Project

**Correct Answer:** CE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 56**

What is the location of the vRealize Orchestrator log files within the vRealize Automation appliance?

- A. /opt/charts/vco/templates/logs
- B. /var/syslog/syslog.d
- C. /data/vco/usr/lib/vco/app-server/logs/

D. /var/log/vmware/vco

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Orchestrator/8.0/com.vmware.vrealize.orchestrator-install-config.doc/GUID-0BA1B08B-7A94-45AD-ADFF-3440529E5F59.html#:~:text=vRealize%20Orchestrator%20Appliance%20logs%20are,the%20vracli%20log-bundle%20command>

#### QUESTION 57

Which type of tag can be used by an administrator from within a vRealize Automation blueprint to effect placement of provisioned items?

- A. Constraint tag
- B. Capability tag
- C. Standard tag
- D. Storage tag

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.funkycloudmedina.com/study-guides/vcp-cma-2020/>

**QUESTION 58** What is the purpose of a cloud zone?

- A. A cloud zone is a method of connecting to a type of resource provider.
- B. A cloud zone is used for organizing users and groups.
- C. A cloud zone is used to segregate resources for provisioning within a cloud account.
- D. A cloud zone is a simplified user interface for users who do not need full access to developing and building blueprints.



**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-87FF38A3-CEAD-4B15-BC85-07568EA4CF1C.html>

**QUESTION 59** Kubernetes zones enable administrators to define the policy-based placement of which items?

- A. Clusters and namespaces
- B. Service accounts and role-based access control (RBAC)
- C. Pods and deployments
- D. Ingress and load balancing

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-25F66F7C-9502-4343-8E44-D02EDE1EB8E2.html#:~:text=Kubernetes%20zones%20enable%20cloud%20administrators,vRealize%20Automation%20Cloud%20Assembly%20deployments>

#### QUESTION 60

When configuring vRealize Automation, which role should be assigned to a user who must be able to onboard other users and assign service roles to them?

- A. Organization Owner
- B. Super Administrator
- C. Organization Member
- D. System Administrator

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-5A4C11E3-C7E6-4FBB-BFB3-F85C2FA28D6D.html>

#### QUESTION 61

Where would an administrator associate discovered networks from a particular region or data center in vRealize Automation to virtual machines?

- A. Network Resources
- B. Flavor Mappings
- C. Network Profiles
- D. Cloud Zones

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-01E442EE-4004-4ED1-AA32-9CF73F24CB09.html>

#### QUESTION 62

Which integration option is available out of the box with vRealize Automation for deploying and managing Kubernetes resources?

- A. Tanzu Kubernetes Grid
- B. VMware Enterprise Pivotal Container Service (PKS)
- C. Tanzu Mission Control
- D. Tanzu Service Mesh

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-081EA313-129F-4098-B4CC-587A42E7BFFF.html>

**QUESTION 63** Which command would an administrator run to access the logs for a specific service?

- A. `vracli logs -n prelude <pod-name>`
- B. `kubect1 logs -n prelude <pod-name>`
- C. `docker logs --tail`
- D. `kubect1 -n prelude get pods`

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://www.stevenbright.com/2020/01/vmware-vrealize-automation-8-0-logs/>

**QUESTION 64** An administrator is debugging a multi-machine blueprint deployment and the following error occurs:

“Customization operation failed. Customization specification with name [vCenter\_Windows] was not found.”

Where can the administrator identify the phase of the provisioning lifecycle and the machine for which this error occurred?

- A. Cloud Assembly > Design
- B. Service Broker > Deployments
- C. Deployments > Topology
- D. Deployments > History

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 65** An administrator creates a content source and would like to share all the imported blueprints dynamically with the project members.

Which content sharing option should the administrator select to achieve this?

- A. All Content
- B. Static Content
- C. Dynamic Content
- D. Content Sources

**Correct Answer:** D

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Service-Broker/GUID-4D1352FD-5D19-4955-9CF3-9CB05063C401.html>

**QUESTION 66** An administrator configured flavor mapping for use in a multi-tier application blueprint.

What are the sizing options allowed in vSphere when creating a new flavor mapping?

- A. Memory only
- B. Disks only
- C. Memory and number of CPUs
- D. Number of CPUs only

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUID-B3DC68C3-D1AF-4208-9C0B-C3B222B234D5.html>

**QUESTION 67**

An administrator wants to use constraint tags to deploy blueprints to a particular storage with a capability tag assigned; however, not all projects have access to this storage.

Which two tag formats can be defined at the blueprint level in order to ensure that blueprints are deployed on this particular storage, whenever possible, and fail if not available? (Choose two.)

- A. key:value:soft

- B. key:value
- C. value:key
- D. key:value:hard
- E. !key:value

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Cloud-Assembly/GUID-C8C335F4-9623-401C-825E-6F5B2B3C6>

#### QUESTION 68

An IT Director wants to integrate existing Amazon Web Services CloudFormation templates into a new vRealize Automation deployment.

How can the administrator achieve this?

- A. Deploy a Cloud Proxy into the appropriate region of the pre-configured Amazon Web Services cloud account.
- B. Create and configure a custom integration into Cloud Assembly.
- C. Add content sources in Service Broker from the pre-configured Amazon Web Services cloud account.
- D. Leverage Action Based Extensibility (ABX) to extend functionality, programmatically.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://blogs.vmware.com/management/2019/10/cloudformation-vra-cloud.html>

#### QUESTION 69

An administrator is addressing a requirement to ensure that vRealize Automation evenly spreads the provisioned machines across hosts for a given region.

Where will the administrator configure this policy?

- A. Storage
- B. Volumes
- C. Cloud Zones
- D. Compute

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-9E6FE02D-2519-4C5B-85BD-2330B8421D73.html>

#### QUESTION 70

An administrator is preparing to deploy vRealize Automation into production in one of several geo-distributed datacenters.

For which type of deployment should the administrator plan while confirming resource capacity?

- A. Clustered
- B. Multi-site
- C. Standard
- D. Distributed

**Correct Answer:** B

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Reference: <https://docs.vmware.com/en/vRealize-Automation/7.6/com.vmware.vra.install.upgrade.doc/GUID-9BC088EF-47BE-4EC6-B6E4-4F6A55679AE9.html>

