

vmware



Professional VMware vRealize Automation 8.3



EXAMKILLER

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VMware

Exam 2V0-31.21

Professional VMware vRealize Automation 8.3

Version: 4.0

[Total Questions: 90]

Question No : 1

An enterprise organization has a library of Terraform configurations for creating and managing its infrastructure resources.

What enhanced capability will be introduced by leveraging the vRealize Automation Terraform Service? (Choose the best answer.)

- A.** The ability to deploy a machine using a dynamically-created Terraform configuration with tag-based placement.
- B.** The ability to deploy a machine using an existing Terraform configuration from the self-service catalog in Service Broker.
- C.** The ability to deploy a machine using an existing Terraform configuration with tag-based placement.
- D.** The ability to deploy a machine using a dynamically-created Terraform configuration from the self-service catalog in Service Broker.

Answer: A

Reference: <https://blogs.vmware.com/management/2020/11/vra-tf-fcd.html>

Question No : 2

What is the purpose of a cloud zone? (Choose the best answer.)

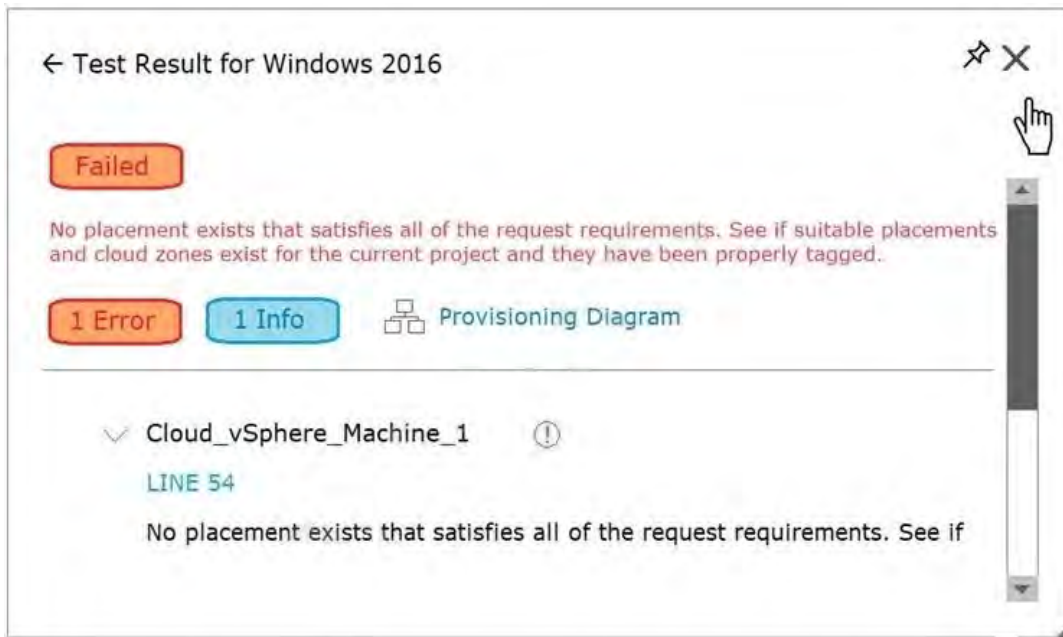
- A.** A cloud zone is used to segregate resources for provisioning within a cloud account.
- B.** A cloud zone is a method of connecting to a type of resource provider.
- C.** A cloud zone is a simplified user interface for users who do not need full access to developing and building cloud templates.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

Answer: A

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

Question No : 3

Refer to the exhibit.



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

What is a possible cause for this error message? (Choose the best answer.)

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

Answer: C

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

Question No : 4

After collecting a log bundle using the vracli CLI command, the resulting .tar file contains many paths and files.

Where will the administrator find the logs related specifically to the embedded vRealize Orchestrator?

- A. /pods/kube-system/
- B. /pods /prelude/vco-app-<service instance>
- C. /pods/prelude/extensibility-ui-app-<service instance>

D. /<hostname>/var/log/vco

Answer: B

Explanation: vRealize Orchestrator Control Center logs reside in a vco-controlcenter-app.log file in each of the /pods/prelude/vco-app-hash/ directories.

Question No : 5

Refer to the exhibit.

New Cloud Account

vCenter Server Credentials

The screenshot shows the 'New Cloud Account' form in vRealize Orchestrator. The 'vCenter Server Credentials' section is active. The 'vCenter IP address/FQDN' field contains 'https://sa-vcasa-01.vclass.local'. The 'Username' field contains 'administrator@vsphere.local'. The 'Password' field is masked with dots. A 'VALIDATE' button is highlighted in blue. An error message box is displayed over the form, stating: 'Unable to validate the provided access credentials. Failed to validate credentials. Error: Invalid hostname https://sa-vcasa-01.vclass.local Endpoint: null Task /provisioning/endpoint-tasks/9c230d2dd98066755a4c835f7d6a0'. Below the error message, the 'Name' field is empty, and the 'Description' field is also empty. The 'Capabilities' section shows 'Capability tags' with the placeholder text 'Enter capability tags'. At the bottom, there are 'ADD' and 'CANCEL' buttons.

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

What is a possible cause of this error? (Choose the best answer.)

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

Answer: B

Reference: <https://docs.vmware.com/en/vRealize-Operations-Manager/8.4/com.vmware.vcom.core.doc/GUID-315C57B6-A383-4DBA-A8D0-FEF6CC56F0B4.html>

Question No : 6

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

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

Answer: C,E

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Service-Broker/GUID-743604C9-5527-4EF9-87C6-EF6D3D5981E3.html>

Question No : 7

Which kubectl command should be run to find the Kubernetes authentication method? (Choose the best answer.)

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

Answer: C

Reference: <https://kubernetes.io/docs/tasks/configmap-secret/managing-secret-using-kubectl/>

Question No : 8

What are two purposes of projects in vRealize Automatin? (Choose two.)

- A. Configure custom naming

- B. Organize image mappings
- C. Create tenants
- D. Add cloud accounts
- E. Map compute resources to users and groups

Answer: A,E

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

Question No : 9

Which vRealize Suite product helps an administrator understand the monetary impact of deployments and manage costs in vRealize Automation? (Choose the best answer.)

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

Answer: C

Reference: <https://docs.vmware.com/en/vRealize-Operations-Manager/7.5/com.vmware.vcom.config.doc/GUID-9D162B8A-FBF8-4713-901C-6E3A1A5B7AEA.html>

Question No : 10

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

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

Answer: A,E

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-Cloud-Assembly/GUID-CA30B6E8-0DFD-4679-84B2-06B4D3A1CBEF.html>

Question No : 11

Which vRealize Automation service is available through an external appliance in vRealize Automation Cloud? (Choose the best answer.)

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

Answer: C

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

Once complete, the console shows the services and options which are available. You can add users and configure roles by selecting Identity & Access Management from the menu bar. If you're using Active Directory, remember you'll need to add those details in vIDM or LCM through Locker before users and groups will appear in vRA 8. In addition to the aforementioned services, vRealize Orchestrator (vRO) is accessible from the Console, as well as the vRA Migration Assessment. vRO no longer uses a java client. Instead you can access the embedded vRO via the new HTML 5 UI through this console. An external vRO appliance option is available too

Question No : 12

Which command should an administrator run to check the status of vRealize Automation services? (Choose the best answer.)

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

Answer: B

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Administering/GUID-99D06124-13F8-489A-B43C-EAEC3F4FE582.html>

Question No : 13

Where would an administrator configure the availability of newly added all-flash storage arrays for a Big Data Project in vRealize Automation? (Choose the best answer.)

- A. Cloud templates
- B. Storage Profiles
- C. Cloud Zones
- D. Storage Resources

Answer: B

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.2/Using-and-Managing-Cloud-Assembly/GUID-623A6992-4E4B-40C1-A697-E1933A285203.html>

Question No : 14

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

- A. IBM Cloud
- B. Oracle Cloud
- C. Amazon Web Services
- D. Alibaba Cloud
- E. Microsoft Azure

Answer: C,E

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

Question No : 15

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? (Choose the best answer.)

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

Answer: A

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/Using-and-Managing-Service-Broker/GUID-87B2B204-3B4F-458F-826E-82CE7246FDA4.html>

Question No : 16

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? (Choose the best answer.)

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

Answer: D

Question No : 17

An administrator is trying to create a new set of image mappings that will map to vSphere templates that have been added to an existing 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? (Choose the best answer.)

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