

2V0-31.20^{Q&As}

Professional VMware vRealize Automation 8.1

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QUESTION 1

Which TCP/IP port must be open and allowed on the firewall to access the vRealize Automation user interface?

- A. 8008
- B. 443
- C. 2380
- D. 6443

Correct Answer: B

QUESTION 2

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

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

QUESTION 3

An administrator is tasked with using an existing set of blueprints and images that are available online through the Marketplace tab in vRealize Automation.

Which integration does the administrator have to configure first to enable this functionality?

- A. vRealize Orchestrator
- B. GitLab
- C. My VMware
- D. Ansible

Correct Answer: A

Reference: <https://docs.vmware.com/en/vRealize-Automation/7.6/vrealize-automation-7.6-configuration.pdf>

QUESTION 4

As part of a greenfield deployment, an administrator needs to set up an NSX-T Data Center cloud account. Which user role is required to create an NSX-T Data Center cloud account in vRealize Automation?

- A. Cloud Assembly Administrator
- B. Cloud Assembly User
- C. Orchestrator Administrator
- D. NSX-T Data Center Enterprise Administrator

Correct Answer: A

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUIDDFD28DFE-C4C6-4A56-BC82-2FEAB6D64E20.html>

QUESTION 5

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

Reference: <https://docs.vmware.com/en/VMware-Cloud-Assembly/services/Using-and-Managing/GUIDC68A0220-E3EA-4F6A-8F91-7F50DFFE2875.html>

QUESTION 6

Refer to the exhibit.

New Cloud Account

vCenter Server Credentials

vCenter IP address/FQDN * ⓘ

Username *

Password *

VALIDATE

ⓘ Unable to validate the provided access credentials: ✕
 Failed to validate credentials. Error: Invalid hostname:
 https://sa-vcsa-01.vclass.local Endpoint: null Task:
 /provisioning/endpoint-
 tasks/9c230d2dd98066755a4e835f7d6a0

Name *

Description

Capabilities

Capability tags ⓘ

ADD **CANCEL**

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

QUESTION 7

A DevOps team lead wants the team to be able to automate the rapid delivery of software with increased reliability to support the growth of the business. The DevOps team is responsible for creating Continuous Integration/Continuous

Delivery (CI/CD) pipelines and already uses development tools, such as Jenkins and Git, so they need a solution to be able to leverage the existing investment in these technologies.

Which vRealize Automation service will enable the DevOps team to meet these requirements?

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

Correct Answer: A

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.0/Using-and-Managing-CodeStream/GUID-3625AE99-C60C-4517-803B-18C526ADCFF1.html>

QUESTION 8

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

QUESTION 9

Which deployment action is performed using the vRealize Easy Installer?

- A. Register vRealize Automation with VMware Identity Manager
- B. Install vCenter Server
- C. Register vRealize Automation with vCenter Single Sign On
- D. Install vRealize Operations

Correct Answer: A

Reference: <https://docs.vmware.com/en/vRealize-Automation/8.1/installing-vrealize-automation-easyinstaller/GUID-77B713C5-0CD5-40C6-ADA0-9FAE84766661.html>

QUESTION 10

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

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

QUESTION 11

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

QUESTION 12

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

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

QUESTION 13

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

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

QUESTION 14

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

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

QUESTION 15

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 and 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