Professional VMware vRealize Automation 8.3

VMware 2V0-31.21

Version Demo

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QUESTION NO: 1

In a vRealize Automation clustered deployment, how many Kubernetes master nodes are configured during the installation? (Choose the best answer.)

A. One

B. Zero

C. Three

D. Two

ANSWER: C

Explanation:

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

QUESTION NO: 2

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

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

A. vco-server

B. vro-controlcenter

C. vco-inventory

D. vco-controlcenter

E. vco-polyglot-runner

F. vro-server

ANSWER: A D E

Explanation:

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

QUESTION NO: 3

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. Microsoft Azure

B. IBM Cloud

C. Google Cloud Platform

D. Oracle Cloud

E. OVH Cloud

ANSWER: A C

QUESTION NO: 4

Which deployment action is performed using the vRealize Easy Installer?

A. Register vRealize Automation with vCenter Single Sign-On

B. Install vRealize Operations

C. Install vCenter Server

D. Register vRealize Automation with VMware Identity Manager

ANSWER: D

Explanation:

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

The vRealize Easy Installer provides you with an option to install vRealize Automation with minimum steps. Installation of vRealize Automation is an optional procedure and you can skip this step if you do not want to install a new instance of vRealize Automation. To install vRealize Automation using Lifecycle Manager, see *vRealize Suite Lifecycle Manager Installation, Upgrade and Administration Guide*.

The installer provides you with minimal or a clustered deployment options before you start your vRealize Automation configuration.

Note:

Starting with 8.1, you have the option to skip the installation of VMware Identity Manager. If you have skipped, then you cannot configure vRealize Automation. To configure vRealize Automation, you can either go back and configure VMware Identity Manager or complete the installation and configure vRealize Automation in vRealize Suite Lifecycle Manager UI.

vRealize Automation installation is optional and it can be deployed in a standard or a cluster mode. Standard supports a single node vRealize Automation and cluster mode supports three node vRealize Automation installation.

QUESTION NO: 5

What functionality does a Virtual Private Zone offer to a service provider administrator?

A. Continuous integration and continuous delivery (CI/CD)

B. Aggregation of services in a single portal

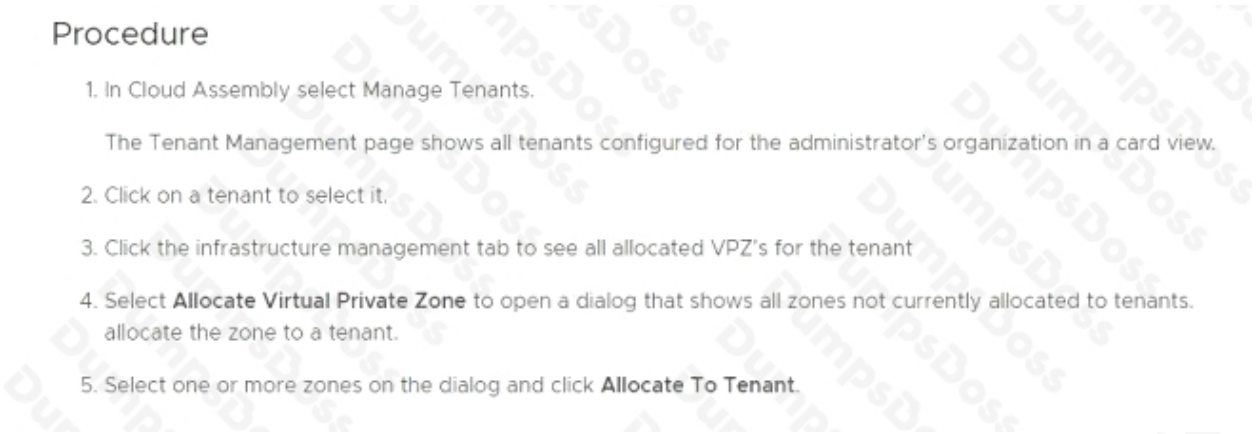
C. Infrastructure resource allocation

D. Configuration management of cloud templates

ANSWER: C

Explanation:

Reference: https://docs.vmware.com/en/vRealize-Automation/services/Using-and-Managing-Cloud-Assembly/GUID-854E4E05-9DB4-4A50-8BA2-1B8502CF0601.html



Procedure

1. In Cloud Assembly select Manage Tenants.

   The Tenant Management page shows all tenants configured for the administrator's organization in a card view.

2. Click on a tenant to select it.
3. Click the infrastructure management tab to see all allocated VPZ's for the tenant
4. Select **Allocate Virtual Private Zone** to open a dialog that shows all zones not currently allocated to tenants. allocate the zone to a tenant.
5. Select one or more zones on the dialog and click **Allocate To Tenant**.

QUESTION NO: 6

Kubernetes zones enable administrators to define the policy-based placement of which items? (Choose the best answer.)

A. Pods and deployments

B. Ingress and load balancing

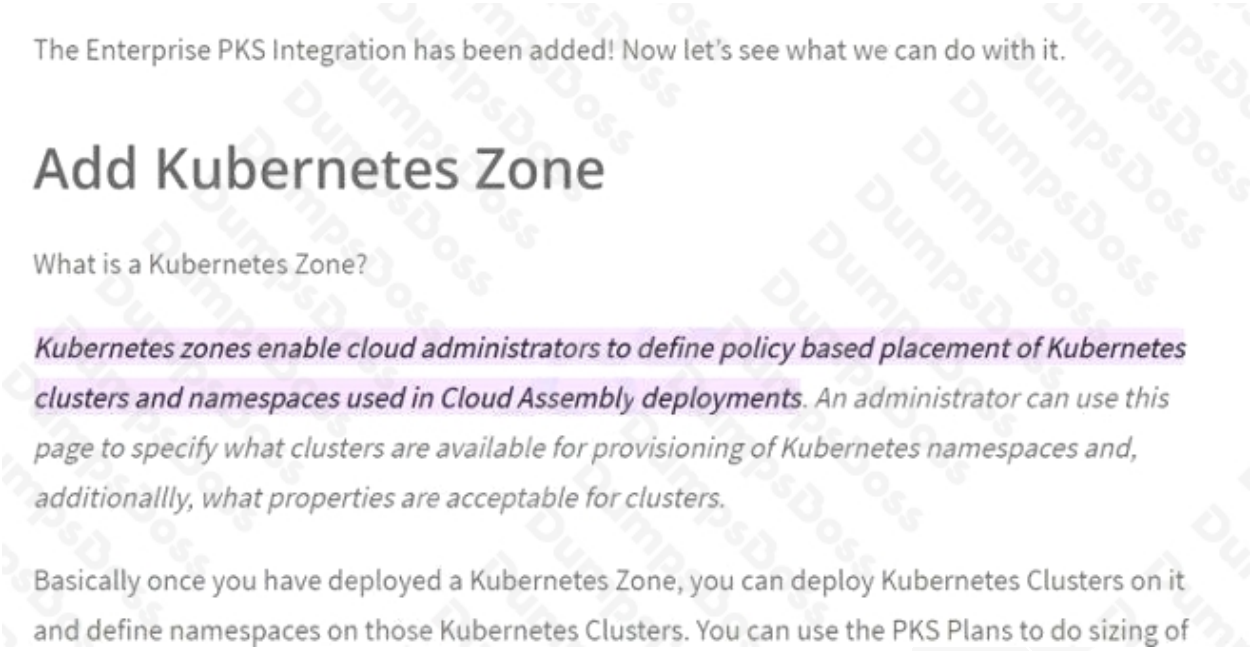
C. Clusters and namespaces

D. Service accounts and role-based access control (RBAC)

ANSWER: C

Explanation:

Reference: https://vra4u.com/2020/04/05/vra-8-how-to-integrate-with-pks-unleash-k8s-magic/#:~:text=Kubernetes%20zones%20enable%20cloud%20administrators,used%20in%20Cloud%20Assembly%20deployments



QUESTION NO: 7

An administrator is preparing for a clustered deployment of vRealize Automation.

Which three ports are required for the successful communication between vRealize Automation components? (Choose three.)

A. 8080

B. 22

C. 8008

D. 80

E. 443

F. 25

ANSWER: C D E

Explanation:

Reference: https://docs.vmware.com/en/vRealize-Automation/8.1/installing-vrealize-automation-easy-installer/GUID-CD4F1B8E-C776-4C4E-86F1-5523779E06B3.html

QUESTION NO: 8

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

A. vCenter Server

B. vRealize Operations

C. VMware Identity Manager

D. vRealize Automation

E. vRealize Suite Lifecycle Manager

ANSWER: C E

Explanation:

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

QUESTION NO: 9

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

Explanation:

Reference: https://vmvtips.com/2020/11/08/vra-8-1-deploy-guide/

QUESTION NO: 10

Which two types of Code Stream endpoints are supported? (Choose two.)

A. JFrog

B. vRealize Orchestrator

C. Ansible Tower

D. Jenkins

E. vRealize Operations

ANSWER: B D

Explanation:

Reference: https://docs.vmware.com/en/vRealize-Automation/services/Using-and-Managing-CodeStream/GUID-04481662-27C6-4F53-8EA0-D7B2C3DC04C1.html

Endpoints that Code Stream supports

Endpoint	What it provides	Versions supported	Requirements
Agent	Connects on-premises SSH, PowerShell, or REST task hosts.		Before you create an agent endpoint, you must create a cloud proxy.
Bamboo	Creates build plans.	6.9.*	
Docker	Native builds can use Docker hosts for deployment.		When a pipeline includes an image from Docker Hub, you must ensure that the image has `cURL` or `wget` embedded before you run the pipeline. When the pipeline runs, Code Stream downloads a binary file that uses `cURL` or `wget` to run commands.
Docker Registry	Registers container images so that a Docker build host can pull images.	2.7.1	
Gerrit	Connects to a Gerrit server for reviews and trigger	2.14.*	
Git	Triggers pipelines when developers update code and check it in to the repository.	Git Hub Enterprise 2.1.8 Git Lab Enterprise 11.9.12-ee	
Jenkins	Builds code artifacts.	1.6.* and 2.*	