

Cloud Management and Automation

Advanced Design

1. A Cloud Architect is tasked with publishing a vRealize Automation catalog item that enables Human Resources (HR) personnel to provision Active Directory user accounts. HR will continue to use vRealize Automation to make changes to the user accounts after initial creation.

A. Custom Resource

B. Custom Property

C. Resource Action

D. Resource Mapping

Answer(s): A,C

2. Which of the following statements accurately describe the design principles behind VMware Validated Solutions (VVS) and VMware Cloud Foundation? (Select all that apply)

A. Discourage the use of third-party hardware and software.

B. Ensure interoperability and seamless integration between components.

C. Focus exclusively on on-premises deployment models.

D. Embrace a one-size-fits-all approach for all types of workloads.

E. Simplify management through a consistent and unified platform.

Answer(s): B,E

3. An architect designed a vRealize Log Insight (vRLI) cluster for an organization with the following details:

A. 1. Restore the master node
2. Restore worker nodes in a specific defined order
3. The forwarders
4. Restore any recovered agents

B. 1. Restore the worker nodes
2. Restore master node
3. Restore the forwarders
4. Restore any recovered agents

C. 1. Restore the forwarders
2. Restore worker nodes in any order
3. Restore the master node
4. Restore any recovered agents

D. 1. Restore the master node
2. Restore worker nodes in any order
3. Restore the forwarders
4. Restore any recovered agents

Answer(s): D

4. As a Service Broker administrator, you have been asked to meet these requirements:

A. Create content source using CloudFormation Template option

B. Create content source using VMware Cloud Templates option

C. Configure content sharing using Content Sources option

D. Create content source using VMware Cloud Templates option but do not configure content sharing

E. Configure content sharing using All Content option

Answer(s): B,C

5. What key benefit does VMware vSAN bring to a Cloud Management logical design?

A. Network security.

B. Distributed storage.

C. Container orchestration.

D. Server provisioning.

Answer(s): B

6. The Service Owner of a vRealize Automation solution has requested that public cloud use is restricted to hosting workloads only.

A. Microsoft Azure

B. On-Prem

C. Auto Select

D. Amazon Web Services

Answer(s): B

7. Consider the following requirements to be used in determining a vRealize Operations licensing model:

A. Advanced

B. Standard

C. Enterprise

D. vRealize Cloud Universal Enterprise

Answer(s): A

8. An architect is designing a Cloud Management solution for a customer to create a private cloud. The customer wants to enable self-service provisioning for their business users to their existing VMware virtual environment.

A. The solution will not support provisioning to VMware Cloud on AWS without additional licensing.

B. The solution will not support the provisioning to public cloud without additional licensing.

C. The solution cannot be upgraded to support the provisioning of public cloud services.

D. The solution will not support the monitoring of workloads on the private cloud.

Answer(s): B

9. A company is in the process of finalizing its cross-team requirements for its Cloud Management Platform design. The Cloud Infrastructure team has indicated that it would like a way to interact with the platform programmatically. After some research, the decision is made to use vRealize CloudClient.

A. Import and export blueprints and other content to a human-readable format.

B. Execute a workload reclamation request.

C. Browse the catalog and submit a request.

D. Update DNS on the vRealize Automation appliance.

E. Execute vRealize Orchestrator workflows.

Answer(s): A,C,E

10. An architect is designing for the ability to deploy a maximum of 9,000 managed machines and 300 catalog items in a vRealize Automation (vRA) environment.

A. Large

B. Medium

C. Small

D. Extra Large

Answer(s): C

11. What capabilities are typically offered by a VMware Cloud Management solution? (Select all that apply)

A. Monitoring and performance optimization of virtualized environments.

B. Container orchestration with Kubernetes.

C. Advanced network intrusion detection.

D. Automated provisioning of virtual machines.

E. Real-time weather forecast integration.

Answer(s): A,D

12. A design for a Cloud Management solution includes a section that describes the association of vRealize Operations solution with a remote collector for the purpose of gathering performance and usage metrics.

A. Requirements

B. Conceptual

C. Physical

D. Logical

Answer(s): D

13. What type of requirement defines the specific technical specifications, such as hardware and software choices?

A. Functional requirements

B. Security requirements

C. Non-functional requirements

D. Business requirements

Answer(s): C

14. An architect is responsible for creating the design for vRealize Operations.

A. High Availability will need to be enabled

B. Anti-affinity rules will need to be created

C. Extra Large Nodes must be used

D. A sixth analytics node is needed

E. Two fault domains need to be created

Answer(s): C,E

15. Which of the following statements best represents a business requirement?

A. "The software architecture should follow the Model-View-Controller pattern."

B. "The system should load within 2 seconds to improve user experience."

C. "The application must use a relational database management system."

D. "The company aims to increase revenue by 15% in the next quarter."

Answer(s): D

16. A financial business wants to reduce the time-to-market by automating the end-to-end testing of a prime service application and releasing it with minimal user intervention.

A. Service Broker

B. Code Stream

C. Orchestrator

D. Cloud Assembly

Answer(s): B

17. What is the primary focus of a Cloud Management logical design?

A. Designing the overall architecture and integration of cloud management tools.

B. Outlining the user interface and interaction design.

C. Determining the connections between different virtual machines.

D. Defining the physical hardware requirements.

Answer(s): A

18. An architect is responsible for creating the design for a Cloud Monitoring solution that will be used to monitor a greenfield VMware Software-Defined Data Center (SDDC).

A. The solution must be redundant to a minimum of N + 1 including during planned maintenance.

B. The solution must support a monthly availability target of 99.9%.

C. The solution must support the monitoring of 1000 virtual machines across two data center locations.

D. The solution must support the retention of live data for at least 12 months.

E. The Recovery Time Objective (RTO) of solution is 4 hours.

Answer(s): C,D

19. Which aspect(s) of a Cloud Management physical design would VMware Aria Automation Config contribute to?

A. Planning corporate social responsibility programs

B. Managing inventory

C. Automating cloud infrastructure configuration and management tasks

D. Designing office layouts

Answer(s): C

20. An organization has a set of requirements for its private cloud: Provide the ability to reclaim idle VMs deployed in vRealize Automation (vRA) Report on the health of resources provisioned in vRA Calculate the cost of VMs provisioned in vRA Optimally place vRA deployment workloads to vSAN and avoid contention.

A. vRealize Operations

B. vRealize Suite Lifecycle Manager

C. vRealize Orchestrator

D. vRealize Log Insight

Answer(s): A
