Vendor: VMware

Exam Code: 2V0-31.24

Exam Name: VMware Aria Automation 8.10 Professional V2

Version: DEMO

QUESTION 1
An administrator must assign an existing role to a group of users who should be able to create VMware Aria Automation templates.
Which role should be assigned following the least privilege rule?

A. VMware Aria Automation Orchestrator Workflow designer
B. VMware Aria Automation Assembler Administrator
C. VMware Aria Automation Assembler User
D. VMware Aria Automation Organization Owner

Answer: C
Explanation:
In the context of VMware Aria Automation, adhering to the principle of least privilege means granting users the minimum level of access necessary to perform their roles. For users who need to create VMware Aria Automation templates, the appropriate role is the "VMware Aria Automation Assembler User."
This role provides sufficient permissions to create and manage blueprints (templates) without granting broader administrative rights that are unnecessary for their tasks. This ensures that users have the capabilities they need while maintaining a secure and controlled environment.

QUESTION 2
An administrator is preparing to deploy only VMware Aria Automation using the clustered deployment model.
Which three ports are required for the successful communication between VMware Aria Automation components? (Choose three.)

A. 25
B. 8080
C. 443
D. 22
E. 80
F. 8008

Answer: CDF
Explanation:
For a clustered deployment of VMware Aria Automation, several key ports are essential for ensuring proper communication between its components. The required ports are:
443 (HTTPS): This port is used for secure web traffic and is necessary for communication between various components such as the VMware Identity Manager, VMware Aria Automation Appliance, and VMware Aria Suite Lifecycle Appliance.
22 (SSH): This port is used for secure shell access, which is necessary for administrative tasks and inter-node communication within the cluster.
8008 (Health Monitor): This port is used for health monitoring purposes to ensure the components within the cluster are functioning correctly.
These ports are crucial for the proper functioning and management of the VMware Aria Automation components in a clustered setup.

QUESTION 3
What is the location of the VMware Aria Automation Orchestrator log files within the VMware Aria Automation appliance?

A. /var/syslog/syslog.d

B. /var/log/vmware/vco
C. /opt/charts/vco/templatea/logs
D. /data/vco/usr/lib/vco/app-aerver/logs/

Answer: D
Explanation:
VMware Technical Support routinely requests diagnostic information when you submit a support request. This diagnostic information contains product-specific logs and configuration files from the host on which the product runs.
Automation Orchestrator Appliancelogs are stored in the/data/vco/usr/lib/vco/app-server/logs/directory. You export the logs of yourAutomation Orchestrator Appliancedeployment by logging in to the appliance command line and running thevracli log-bundlecommand. The generated log bundle is saved on the root folder of yourAutomation Orchestrator Appliance.

QUESTION 4
Which three statements could an administrator use to describe how Stages and Tasks work within a pipeline created within VMware Aria Automation Pipelines? (Choose three.)

A. A Task can run either in parallel or sequentially to other Tasks within the same Stage.
B. A Stage can run either in parallel or sequentially to other Stages within the same Pipeline.
C. A pipeline can only have one Stage.
D. A Stage can only have one Task.
E. A Stage can have more than one Task.
F. A Pipeline can have more than one Stage.

Answer: ABEF
Explanation:
Within VMware Aria Automation Pipelines, Stages and Tasks are fundamental components that define the workflow. Here's how they function:
A Task can run either in parallel or sequentially to other Tasks within the same Stage (A): This flexibility allows for efficient resource usage and optimization of deployment processes.
A Stage can run either in parallel or sequentially to other Stages within the same Pipeline (B): This enables complex workflows to be broken down into manageable segments, which can be executed based on dependencies or simultaneously if there are no interdependencies.
A Stage can have more than one Task (E): Each Stage can encapsulate multiple Tasks, allowing for intricate workflows within a single Stage.
A Pipeline can have more than one Stage (F): A pipeline is typically composed of multiple stages, each representing a different phase of the deployment process, such as development, testing, and production.
These configurations provide significant flexibility and control over the deployment processes within VMware Aria Automation Pipelines, facilitating sophisticated CI/CD workflows.

QUESTION 5
Which kub-ctl command should an administrator run to check VMware Aria Automation service pod resource usage?

A. kubectl -n prelude get pods
B. kubectl -n prelude describe <pod-name>
C. kubectl -n prelude top pods
D. kubectl -n prelude log -f <pod-name>

Answer: C

Explanation:
To check the resource usage (CPU and memory) of the VMware Aria Automation service pods, the kubectl top pods command is used within the specific namespace. The top command provides a live view of resource utilization for pods, showing the current CPU and memory consumption. By specifying the namespace with -n prelude, this command targets the VMware Aria Automation pods specifically.
This approach is efficient for monitoring and troubleshooting, as it provides immediate feedback on resource usage, helping administrators manage and optimize their Kubernetes cluster's performance.

QUESTION 6
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 VMware Aria 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. Oracle Cloud
C. IBM Cloud
D. OVH Cloud
E. Google Cloud Platform

Answer: AE
Explanation:
VMware Aria Automation supports multiple public cloud platforms for integration, allowing administrators to create a consistent multi-cloud service catalog. Among the supported platforms are:
Microsoft Azure: This integration enables administrators to manage and deploy workloads on Azure using the VMware Aria Automation portal, taking advantage of Azure's extensive cloud services and infrastructure.
Google Cloud Platform (GCP): Similarly, GCP integration allows users to deploy and manage their resources on Google's cloud infrastructure through the same unified VMware Aria Automation interface.
These integrations are crucial for organizations adopting a "Right Cloud First" strategy, providing flexibility and consistency across different cloud environments.

QUESTION 7
Assuming no additional inputs have been added to the automation template and the custom form is not enabled, which two fields are always flagged as mandatory when requesting a catalog item? (Choose two.)

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

Answer: BE
Explanation:

When requesting a catalog item in VMware Aria Automation, certain fields are mandatory to ensure proper configuration and resource allocation. Even if no additional inputs have been added to the automation template and the custom form is not enabled, the following fields are always required:
Project: This field specifies the project under which the deployment will be managed. It defines the scope and access permissions for the resources being deployed.
Deployment name: This field provides a unique identifier for the deployment, allowing administrators and users to easily manage and reference the specific deployment within the VMware Aria Automation portal.
These mandatory fields ensure that the deployment is correctly associated with the appropriate project and can be easily identified and managed.

QUESTION 8
What is a valid consideration when using cloudConfig in YAML?

A. Enter the hash character (ff) after adding two spaces after the colon (:) in cloudConfig.
B. Start the next line after the directive (users, runcmd, and so on), with three spaces followed by a hyphen and a space.
C. Enter the semi colon character (;) after adding two spaces after the colon (:) in cloudConfig.
D. Align the cloudConfig: section with other parts of machine properties, such as image, flavor, networks.

Answer: D
Explanation:
When using cloudConfig in YAML for VMware Aria Automation, it is essential to properly format and align the configuration. The cloudConfig section should be aligned with other parts of the machine properties, such as image, flavor, and networks. This ensures that the YAML syntax is correct and that the configuration is applied appropriately during the deployment process. Proper alignment and indentation are critical in YAML files as they define the structure and hierarchy of the data, which must be correctly interpreted by the automation tools.

QUESTION 9
An administrator wants to upgrade their VMware Aria Automation deployment to the next available version. Which product must the administrator use to achieve this task?

A. VMware Aria Automation Pipelines
B. VMware Aria Suite Lifecycle
C. vSphere Lifecycle Manager
D. 5DDC Manager

Answer: B
Explanation:
To upgrade a VMware Aria Automation deployment to the next available version, the administrator must use VMware Aria Suite Lifecycle. This tool provides a comprehensive framework for managing the lifecycle of VMware Aria Suite products, including upgrades, installations, and patching. The upgrade process involves several steps, such as ensuring the system meets hardware and software requirements, performing pre-upgrade checks, and managing snapshots to ensure a smooth upgrade process.
VMware Aria Suite Lifecycle ensures that all dependencies, such as VMware Workspace ONE Access, are also updated as needed to maintain compatibility and functionality within the VMware Aria Suite environment.

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