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IT exam study guide / simulations

Exam : **3V0-31.22**

Title : Advanced Deploy VMware
vRealize Automation 8.6

Vendor : VMware

Version : DEMO

NO.1 TASK 9

As the Cloud Administrator, you have been tasked to troubleshoot and fix errors of an existing cloud template. You must ensure:

1. VM resource uses storage tag:

* Key: storage. Value: gold

2. Network resource uses network tag:

* Key: net

* Value: nsx-routed

3. Configure NSX Network Type: routed

4. A virtual machine can be successfully deployed from the cloud template using the information provided.

NOTE: One or more of the tasks above may take some time to complete. For expediency, it is recommended that once the task has started successfully that you continue with the exam and return later to confirm the task has been completed successfully. There are no dependencies between any questions and therefore the successful completion of this question does not impact the ability to attempt any other question in this exam.

NOTE: Not all available tags will appear on the tag selection drop-down when you're editing the cloud template.

Information required to complete the tasks:

* vRealize Automation URL: vr-automation.oorp.local

* Cloud Admin Username: vcapadmin@corp.local

* Cloud Admin Password: VMware1!

* Project Name: Earth

* Cloud Template name: Earth-TS-Fix

* Deployment name: Earth-Fixed

* Hostname: earth-fixed

NOTE: Do not create any new profile or tags.

Answer:

See the Explanation for complete Solution

Explanation:

To troubleshoot and fix the errors in the existing cloud template and ensure the requirements are met, you can follow these steps:

Ensure VM Resource Uses Storage Tag:

Edit the cloud template named Earth-TS-Fix.

Locate the VM resource definition.

Add or update the storage tag to use the key storage with the value gold:

tags:

- key: storage

value: gold

Ensure Network Resource Uses Network Tag:

Within the same cloud template, find the network resource definition.

Add or update the network tag to use the key net with the value nsx-routed:

tags:

- key: net

value: nsx-routed

Configure NSX Network Type: Routed:

Still in the cloud template, ensure the network profile is set to a routed network type by specifying the appropriate network profile that has been pre-configured with the routed type.

networks:

- network: '\${resource.Cloud_NSX_Network_1.id}'

networkType: routed

Deploy Virtual Machine from the Cloud Template:

Save the changes to the cloud template.

Initiate a deployment using the Earth-Fixed deployment name and verify that the virtual machine deploys successfully with the specified hostname earth-fixed.

Monitor the deployment process and ensure that the VM and network resources are correctly tagged and that the network is configured as routed.

NO.2 TASK 10

As the Cloud Administrator you have been tasked to troubleshoot and resolve the following issues raised by the developers on the Uranus Project:

* Developers have reported that Deployments are not getting deleted as per the company lease policy.

* The Uranus Project Team Leader is responsible for approving all snapshot create requests for deployments based only on the Uranus Server blueprint, however, they have received no requests so far.

* Developers have reported that they do not have the option to revert to existing snapshots for vSphere deployments.

Once you have completed your changes, deploy the Uranus Server Catalog Item to verify all the issues have been resolved.

NOTE: One or more of the tasks above may take some time to complete. For expediency, it is recommended that once the task has started successfully that you continue with the exam and return later to confirm the task has been completed successfully. There are no dependencies between any questions and therefore the successful completion of this question does not impact the ability to attempt any other question in this exam.

Information required to complete the tasks:

General Information;

* vRealize Automation FQDN: vr-automation.corp.local

* Cloud Administrator Username: vcapadmin@corp.local

* Cloud Administrator Password: VMware1!

* Project: Uranus

* Project Team Leader: vcapadmin@corp.local

* Blueprint Name: Uranus Server

* Deployment Name: Uranus-Check-Policies

Policy Information:

* Lease Policy name: Uranus - Lease Policy

* Lease Policy maximum lease period: 30 days

* Lease Policy maximum total lease period: 30 days

* Lease Policy grace period: 0 days

* Lease Policy scope: Uranus Project

* Day 2 Action Policy name: Uranus - Day 2 Actions Policy

* Approval Policy name: Uranus - Snapshot Approval Policy

Answer:

See the Explanation for complete Solution

Explanation:

To troubleshoot and resolve the issues for the Uranus Project, you should take the following steps:

Deployments Not Getting Deleted as per Lease Policy:

Verify that the lease policy "Uranus - Lease Policy" is correctly configured and associated with the Uranus Project¹.

Check if the lease policy has been applied to the deployments. If not, you may need to manually apply the policy or adjust the existing policy settings¹.

Ensure that the lease policy's scope is set to the Uranus Project and that the maximum lease and total lease periods are correctly set to 30 days¹.

Snapshot Create Requests Not Received for Approval:

Confirm that the "Uranus - Snapshot Approval Policy" is correctly set up and linked to the Uranus Server blueprint².

Ensure that the project team leader is listed as the approver in the policy and that the policy is active².

Check if the conditions for triggering the approval request are correctly defined and that they match the criteria for the Uranus Server blueprint deployments².

Option to Revert to Existing Snapshots Not Available:

Review the Day 2 Actions Policy "Uranus - Day 2 Actions Policy" to ensure that the action to revert to snapshots is enabled for vSphere deployments³.

Verify that the developers have the necessary permissions to perform snapshot-related actions on their deployments³.

After making the necessary changes, deploy the Uranus Server Catalog Item with the deployment name "Uranus-Check-Policies" to verify that all issues have been resolved. Monitor the deployment process and check if the lease policy is enforced, snapshot approval requests are generated, and developers can revert to existing snapshots as expected.