# Nutanix Certified Professional - Multicloud Automation

**1.** In order to give Consumers the ability to modify attributes, what should the Blueprint creator implement in the design?
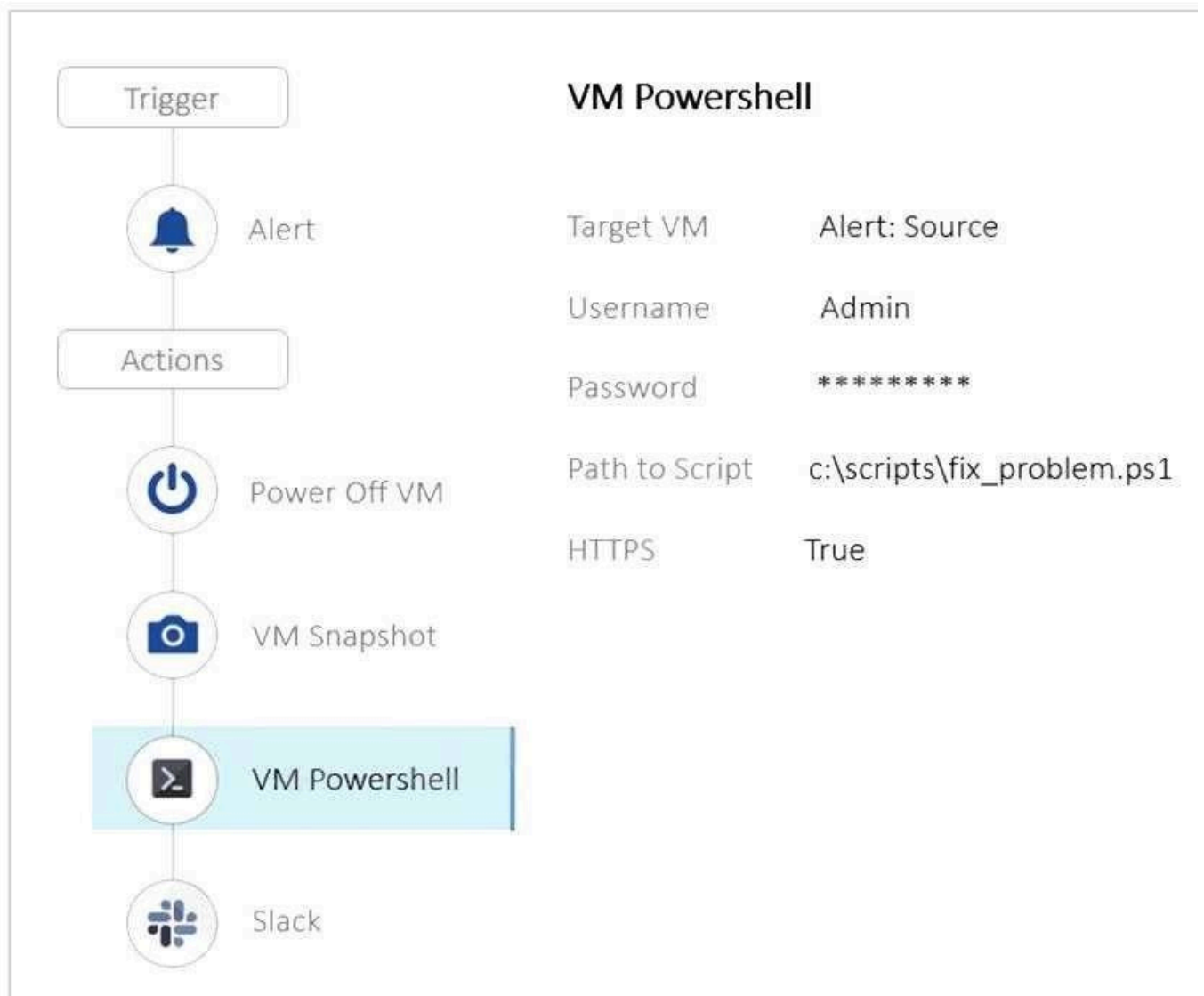
A. Custom actions

B. eScript task with custom macros

C. Runtime variables

D. HTTP task with built-in macros

**Answer(s):** C

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**2.** Refer to the exhibit.

The Playbook is designed to execute a script, in order to fix a known problem in the application. However, it keeps failing.
Why is this Playbook continuing to fail?

A. Slack configuration should be reviewed.

B. The script is incorrect.

C. The Playbook actions are in the wrong order.

D. Not enough storage space in order to take a snapshot.

**Answer(s):** C

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**3.** Which action should an administrator use to request a static IP address from an IPAM solution?

A. Profile

B. Pre-create

C. Guest Customization

D. Create

**Answer(s):** D

**4.** Refer to the exhibit.



What needs to be done in order to enable the developer to complete this requested task? (Choose two.)

A. Create AWS and Azure Providers

B. Add the Providers to the Project

C. Enable Environment for AWS and Azure

D. Upgrade Calm to version 3.2.x

**Answer(s):** B

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**5.** A company is new to automation and has infrastructure they would like to automate with Calm to provide standardized automation. The company also wants to create a Hybrid Cloud environment with their existing infrastructure which includes AHV, Azure, AWS, and a small legacy vSphere environment.
In which two locations can Calm be deployed? (Choose two.)

☐   A. vSphere Essential Edition

☐   B. VMware ESXi

☐ C. Nutanix AHV

☐ D. Any Public Cloud

**Answer(s):** B C

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**6.** An administrator wants to be alerted when production VMs become idle. The VMs will be determined to be idle when CPU usage is lower than 5% for more than 5 minutes. All affected VMs are categorized as Environment:Production, since they have Flow microsegmentation rules.
What should the administrator do to satisfy this requirement?

A. Create an alert for all VMs, create a Playbook with this alert as the trigger and send an email as the action.

B. Create an alert for VMs in the correct category, create a Playbook with this alert as the trigger > take a snapshot > send an email as the action.

C. Create an alert for all VMs, create a Playbook with this alert as the trigger > reduce 1 CPU > send an email as the action.

D. Create an alert for VMs in the correct category, create a Playbook with this alert as the trigger and send an email as the action.

**Answer(s):** A

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**7.** A developer has a Development Blueprint that performs the following high level items:
Creates a Windows and Ubuntu Server.
Installs IIS on Windows
Installs MySQL on Ubuntu
As part of Development, there is a need for an Operator to restart IIS Services for troubleshooting purposes.
How should the developer add this functionality to the Blueprint?

A. Add an Execute Task in the Restart Action of the Application Profile.

B. Add an Execute Task in the Restart Action of the Windows/IIS Service.

C. Add a Delay Task in the Restart Action of the Windows/IIS Service.

D. Create an Endpoint for the IIS server and a Runbook that restarts the service.

**Answer(s):** A

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**8.** An administrator receives the following error while running a script through Calm on VM:
**Connection refused**
Which two conditions could cause this issue? (Choose two.)

☐ A. The VM port is not allowed by the firewall.

B. The credentials have insufficient permissions.

C. The VM is still in the boot process.

D. There is an error in the script.

**Answer(s):** A C

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**9.** When creating a blueprint, which Pre-create and Post-delete tasks are valid?

A. Create, Start, Stop, Delete

B. Execute, Set variable, HTTP, Delay

C. Create, Start, Stop, Soft Delete

D. Execute, Set variable, API, Delay

**Answer(s):** B

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**10.** Which two groups of operations can a Prism Admin or Super Admin role perform? (Choose two.)

A. Create, read, automate, or delete an action template in the action gallery

B. Create, read, update, or delete an action template in the action gallery

C. Create, read, automate, delete, enable, and run playbooks

D. Create, read, update, delete, enable, and run playbooks

**Answer(s):** B D

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**11.** A blueprint was developed for deploying a standard 3-tier hosting environment for a company's applications. The blueprint includes a load balancer, multiple web servers, a database server, and a small test application.
During testing of the blueprint, the application fails to connect to the database. The cause is found to be the database software is still installing when the application starts.
Which method most efficiently prevents the application from starting before the database?

A. Use a local install instead of downloading

B. Create a loop to retry connection

C. Create a service dependency

D. Use a sleep statement in a start script

**Answer(s):** C

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**12.** Which Prism Central setting must first be configured in order to add users to a Project?

A. HTTP Proxy

B. Authentication Directory

C. Pulse

D. Local User Role Mapping

**Answer(s):** A

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**13.** A customer is trying to deploy an application with Calm and receives this error for a Linux VM:

`script execution has failed with error dial tcp: look`
`dummy on <dns_ip_in_pc>:53: server misbehaving`

What is the cause of this error within the blueprint?

A. Connection section has a network adapter selected for the Address box in Connection section.

B. Connection section has no network adapters selected for the Address box in Connection section.

C. Connection Type has a protocol selected.

D. Connection Type has no protocol selected.

**Answer(s):** D

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**14.** Which method will result in unique names per VM when scaling out a Service in a Calm Blueprint?

A. Guest OS customization using sysprep contains@@{name}@@.

B. Service VM Name field contains the macro variable @@{calm_array_index}@@.

C. Call an external Python eScript that uses an IPAM API to register the VM name in DNS.

D. Set the VM Name field to allow user edits at launch so the user can enter a custom value at launch.

**Answer(s):** B

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**15.** Which two providers are supported in Calm? (Choose two.)

- ☐ A. Oracle Cloud

- ☐ B. Kubernetes

- ☐ C. GCP

- ☐ D. IBM Cloud

**Answer(s):** B C

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**16.** An administrator has created a task for a blueprint that could be applied to another blueprint. The administrator wants to reuse the task with the least amount of effort.
How can the administrator accomplish this?

A. Publish the task to Github select the task from the Github Repository from the other blueprint.

B. Publish the task to the Marketplace, select the task from the Marketplace from the other blueprint.

C. Publish the task to the Task Repository, select the task from the Task Repository from the other blueprint.

D. Publish the task to the Task Library select the task from the Task Library from the other blueprint.

**Answer(s):** D

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**17.** During the deployment of a multi-step Blueprint, a failure is encountered. The administrator corrected the failed step and saved the Blueprint.
What should the administrator do next?

A. Delete the failed application and Launch a new application.

B. Soft Delete the failed application and Launch a new application.

C. Use Continue in the failed application to retry.

D. Upon clicking Save the Blueprint task will be retried automatically.

**Answer(s):** D

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**18.** An administrator has a vendor-provided script that must be run at 9 am every Saturday on a Linux application VM.
The administrator currently has a playbook that has a Time trigger and a VM SSH action to execute the script. However, the administrator has received a request to have the output of the script emailed to the application team when it is executed.
What is the easiest way to satisfy this request?

A. Modify the script to include a function to format the output of the script and email the output to the desired address.

B. Add an Email action to the end of the existing playbook and use the {{action [index].response_body}} parameter in the Message field.

C. Direct the output of the script to a file and use the Send Email with Payload action at the end of your existing playbook.

D. Add an Email action to the end of the existing playbook and use the {{action[index] .stdout}} parameter in the Message field.

**Answer(s):** C

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**19.** An administrator has been tasked with creating a multicloud, three-tier application using Calm. The application needs to consist of:
A MongoDB backend database
A NodeJS Javascript runtime environment
An NGINX webserver
The administrator has access to an AWS account, as well as a locally hosted Nutanix cluster. The three parts of the application should be fully redundant, and be able to tolerate either a cloud provider outage, or a local Nutanix cluster outage.
What is the most appropriate solution the administrator should choose in order to meet the requirements?

A. Create a Calm blueprint with MongoDB, Node/S, and NGINX VMs running on Nutanix, as well as an NGINX server running in AWS on US-WEST-1 and US-EAST-1.

B. Create a Calm blueprint with MongoDB, Node/S and NGINX VMs running on Nutanix, and a separate blueprint for MongoDB, NodeJS, and NGINX running in AWS on US-WEST-1 and US-EAST-1.

C. Create a Calm blueprint with MongoDB, NodelS, and NGINX VMs running on Nutanix, as well as MongoDB, NodeJS, and NGINX servers running in AWS on US-WEST-1 and US-EAST-1.

D. Create a Calm blueprint with MongoDB, NodelS, and NGINX VMs running on Nutanix, then manually create three EC2 instances for MongoDB, NodeJS and NGINX in AWS running on US-WEST-1 and US-EAST-1.

**Answer(s):** D

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**20.** Which permission level grants access to Create, Update, Delete, and Duplicate Blueprints?

A. Consumer

B. Operator

C. Developer

D. Domain Admin

**Answer(s):** C