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Exam : EX457

Title : Red Hat Certified Specialist
in Ansible Network
Automation exam

Version : DEMO

1. An administrator is creating a Job Template in Automation Controller to run a playbook against a set of Arista switches. The playbook requires SSH access with a specific username and password to configure the switches.

Which credential type must be created and associated with the Job Template for the playbook to authenticate successfully to the Arista switches?

- A. Vault
- B. Ansible Galaxy
- C. Machine
- D. Source Control

Answer: C

2. A playbook task needs to provide a default value for a variable if it is not defined in the inventory. The task should configure an NTP server using the `ntp_peer` variable, but if `ntp_peer` is not defined for a host, it should use the IP address `10.1.1.254`.

Which Jinja2 expression correctly implements this logic?

- A. `{{ ntp_peer or 10.1.1.254 }}`
- B. `{{ ntp_peer ? '10.1.1.254' }}`
- C. `{{ ntp_peer | default('10.1.1.254') }}`
- D. `{{ ntp_peer if ntp_peer is defined else '10.1.1.254' }}`

Answer: C

3. A job launch in Automation Controller fails immediately with an "Authentication failed" error when trying to connect to a Juniper router. The administrator verifies that the Job Template is correctly configured with an Inventory and a Project. They also check the assigned credential and see that it is of type "Source Control" and contains the SSH key for their GitLab repository.

What is the cause of this job failure?

- A. The Inventory does not have the correct `ansible_network_os` variable set for the Juniper router.
- B. The "Source Control" credential does not have a password, only an SSH key.
- C. The Juniper router's SSH host key is not in the `known_hosts` file of the execution environment.
- D. The job is trying to use the "Source Control" credential to log into the Juniper router.

Answer: D

4. An automation engineer needs to start working with an Ansible project that is managed in a central Git repository. This is their first time working with this project on their local control node.

Which Git command is the essential first step to create a local working copy of the remote repository?

- A. `git commit`
- B. `git clone <repository_url>`
- C. `git pull`
- D. `git init`

Answer: B

5. What is the primary advantage of using a Source Code Management (SCM) system like Git to manage playbooks within Ansible Automation Controller?

- A. It automatically encrypts all variables within the playbooks.

- B. It guarantees that the playbooks will run successfully in any execution environment.
- C. It automatically pushes the execution results of the playbook to the Git repository.
- D. It provides version control, collaboration, and a history of changes for the playbooks.

Answer: D