DO407
Automation with Ansible

CURRICULUM

» **Introduce and review the course.**
  - Introduce Ansible

» **Describe the terminology and architecture of Ansible.**
  - Deploy Ansible

» **Install Ansible and run ad hoc commands.**
  - Implement playbooks

» **Write Ansible plays and execute a playbook.**
  - Manage variables and inclusions

» **Describe variable scope and precedence, manage variables and facts in a play, and manage inclusions.**
  - Implement task control

» **Manage task control, handlers, and tags in Ansible playbooks.**
  - Implement Jinja2 templates

Implement a Jinja2 template.
  - Implement roles

» **Create and manage roles.**
  - Optimizing Ansible

» **Configure connection types, delegations, and parallelism.**
  - Implement Ansible Vault

» **Manage encryption with Ansible Vault.**
  - Troubleshoot Ansible

» **Troubleshoot the Ansible control machine and managed nodes.**
  - Implement Ansible Tower

» **Implement Ansible Tower.**
- Implement Ansible in a DevOps environment

» **Implement Ansible in a DevOps environment using Vagrant.**
- Comprehensive review

» **Review tasks from the Automation with Ansible course**

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