Introduction to Ansible

By Dr. Vishwanath Rao

Ansible Fundamentals
Introduction to Ansible
   Ansible Overview
   Describe Ansible concepts and install Red Hat Ansible Engine.
   Inventory
   YAML - this is not the indentation you are looking for
   Ansible Playbook Structure

Deploy Ansible
Configure Ansible to manage hosts and run ad hoc Ansible commands.

Implement playbooks
Write a simple Ansible playbook and run it to automate tasks on multiple managed hosts.

Manage variables and facts
Write playbooks that use variables to simplify management of the playbook and facts to reference information about managed hosts.

 Variables, Modules, Network Fact Gathering

   Ansible Variables
   Ansible Modules
   Cisco IOS Modules (basics)
   Arista EOS Modules (basics)
   Using cli_command
   Directly Passing Credentials
   Privilege Escalation (Become/Enable)

Conditionals, Loops, and Configuration Templating

   Idempotency - what the what
   Tags/Limit/Check Mode
   Conditionals
   Loops