Installation and Configuration of Ansible

- 1. The Course Overview
- 2. Ansible Requirements Python, PIP, and Virtual **Environments**
- 3. Ansible Course Environment Setup
- 4. Ansible on Microsoft Windows
- 5. Ansible on Mac OS X
- 6. Ansible on Linux
- 7. Validating Ansible Installation

Ansible Architecture and Design

- 8. Ansible Inventories
- 9. Ansible Modules
- **10. YAML**
- 11. Ansible Playbooks, Breakdown of Sections
- 12. Ansible Playbooks, Variables
- 13. Ansible Playbooks, Facts
- 14. Templating with Jinja2
- 15. Ansible Playbooks, Creating, and Executing

Ansible Playbooks, Advanced Topics

- 16. Ansible Playbook Modules
- 17. Dynamic Inventories
- 18. register and when
- 19. Looping
- 20. Asynchronous and Parallel
- 21. Task Delegation
- 22. Magic Variables

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- 23. Blocks
- 24. Using the Ansible Vault
- 25. Creating Custom Modules
- 26. Creating Plugins

Structuring Ansible Playbooks

- 27. Using Includes and Imports
- 28. Using Tags
- 29. Using Roles

Using Ansible with Cloud Services and Containers

- 30. AWS with Ansible
- 31. Docker Support with Ansible

Other Ansible Resources and Areas

- 32. Troubleshooting Ansible
- 33. Validating Testing with Ansible
- 34. Best Practices with Ansible
- 35. Upgrading Ansible