

Ansible Advanced			
Serial #	Topics	Sub Topics	Duration in Hrs
1	Roles and Reusability	Introduction to Ansible Roles Role Directory Structure Creating and Using Roles Role Dependencies Ansible Galaxy and Importing Roles	2
2	Roles Continued	Creating and configuring Apache TomCat Creating and configuring MongoDB role Creating and configuring MySQL role	4
3	Ansible Vault and Security	Introduction to Ansible Vault Encrypting and Decrypting Files Using Vault in Playbooks Best Practices for Managing Secrets	2
4	Ansible with Plugins and Custom	Overview of Plugins in Ansible Using Lookup, Filter, and Callback Plugins Creating Custom Modules Testing and Integrating Custom Modules	2
5	Advanced Playbook	Disk partition Management File system Management Logical Volume Management User and group management Password Management Service Management Systemd module Firewall Management Selinux Management	4
6	Managing Scheduled Tasks with	Ad Hoc Linux Jobs with ATD Creating the Ansible Role to Manage ATD Playbook to Create Jobs in At Creating Regular Jobs with Cron	2
7	Advanced Playbook Techniques	Optimizing Playbook Execution Advanced Task Control: Blocks, Error Handling, and Rescue Using Conditionals, Filters, and Jinja2 Templates Delegation, Local Actions, and Remote Actions Asynchronous Actions and Polling	4
8	Working with Facts and program	Understanding and using facts conditional statements loops arrays Variables	2
9	Ansible and Cloud Integrations	Integrating Ansible with AWS, Azure, and Managing Cloud Resources with Ansible Modules Dynamic Inventory for Cloud Environments Automating Cloud Infrastructure Provisioning and Configura	4
10	Troubleshooting and Best Practi	Advanced Troubleshooting Techniques Debugging Playbooks and Custom Modules Logging and Performance Analysis Security Best Practices in Ansible Automation Ansible Community, Resources, and Contribution	2
		Total	28