

Red Hat Ansible Fundamentals : Version: 2.9

Hours	13 Hours (5 sessions 2.5 hours each) + 1 hour Interview preparation for Ansible
Schedule	Saturday, Sunday (9.00 AM till 11.30 AM)
Instructor	Manu Sharma : RHCE , Red hat Certified Specialist in Ansible Best practises
Syllabus	
S. No	Topic
1	Understand core components of Ansible
2	Inventories
3	Modules
4	Variables
5	Facts
6	Plays
7	Playbooks
8	Configuration files
9	Install and configure an Ansible control node
10	Install required packages
11	Create a static host inventory file
12	Create a configuration file
13	Configure Ansible managed nodes
14	Create and distribute SSH keys to managed nodes
15	Configure privilege escalation on managed nodes
16	Validate a working configuration using ad-hoc Ansible commands
17	Create simple shell scripts that run ad hoc Ansible commands
18	Use both static and dynamic inventories to define groups of hosts
19	Utilize an existing dynamic inventory script
20	Create Ansible plays and playbooks
21	Know how to work with commonly used Ansible modules
22	Use variables to retrieve the results of running commands
23	Use conditionals to control play execution
24	Configure error handling
25	Create playbooks to configure systems to a specified state
26	Use Ansible modules for system administration tasks that work with:
27	Software packages and repositories
28	Services
29	Firewall rules
30	File systems
31	Storage devices
32	File content
33	Archiving
34	Scheduled tasks
35	Security
36	Users and groups
37	Create and use templates to create customized configuration files
38	Work with Ansible variables and facts
39	Create and work with roles
40	Download roles from an Ansible Galaxy and use them
41	Manage parallelism
42	Use Ansible Vault in playbooks to protect sensitive data
43	Use provided documentation to look up specific information about Ansible modules and commands
Next Steps	Discussion to prepare for Ansible certification Exam