ANSIBLE – Instrument for Collective Configuration

Course code: ANSIBLE

The course deals with mass central server administration, including automatic configuration, software deployment and orchestration of continuous tasks.

Who is the course for

UNIX administrators and anyone else seeking a high-level understanding of Ansible and to learn to build Ansible from the ground up.

What we teach you

You will learn the basics of Ansible and watch a simple Ansible playbook, roles, inventories be created from start to finish.

Required skills

We recommend having advancedLinux/UNIX system administration skills.

Course outline

- Architecture
- Client / server
- Usage scenarios
- Install and configure Ansible
- Inventories
- Static inventory
- Dynamic inventory
- Playbooks
- YAML
- String
- Comment
- Dictionary
- List / Array
- Syntax validation of YAML
- Variables - group_vars a host_vars
- Conditions
- Loops
- with_items
- when
- Handlers
- Tags
- Facts
- Error handling
- Modules
- Inclusion
- Playbook creation
- Scenarios
- Web server
- DB server
- FTP server
- ...
- Jinja2 templates

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- Roles
- Ansible Vault
- Ansible Galaxy
- Ansible Tower

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