

9] Configuration management with Ansible (KALI) 19/5/25

Ansible → basic → inventory, playbooks & modules,
automating server config with playbooks.

→ open source tool (automation) used for config. manage-
ment, applicⁿ deployment, task automation & orchestration
of multinode system.

Components: inventory, modules, playbooks, & roles

↓
list of hosts
(.ini)

↓
apt

↓
.yaml
file

↓
to organise playbooks,
task into reusable
components

Ubuntu

1) sudo apt update

2) sudo apt install ansible

// ansible --version

3) nano hosts.ini

[local]

localhost ansible_connection=local

4) nano setup.yml

→ ---

~~name~~

- name: Basic Server Setup
host: local
become: yes
tasks:

- name: Update apt Cache

apt:

update-cache: yes

- name: Install Curl

apt:

name: Curl

state: Present

// check in
yamlLint
to check
validity of
syntax.

in KALI

5) sudo ansible-playbook -i hosts.ini setup.yml