Ansible Commands Cheat Sheet

Check & Version Info
• ansible --version
• ansible-config dump
• ansible-config view

Ping & Connectivity
• ansible all -m ping
• ansible <group> -m ping

Running Ad-hoc Commands
• ansible all -a "uname -a"
• ansible all -a "df -h"
• ansible all -m shell -a "echo hello"
• ansible all -m command -a "ls -l"

Using Modules
• ansible all -m copy -a "src=file dest=/tmp/file"
• ansible all -m file -a "path=/tmp/test state=absent"
• ansible all -m user -a "name=testuser state=present"

Inventory Commands
• ansible-inventory --list
• ansible-inventory --graph
• ansible-inventory -i inventory.ini --list

Playbook Commands
• ansible-playbook playbook.yml
• ansible-playbook -i inventory.ini playbook.yml
• ansible-playbook --check playbook.yml
• ansible-playbook --syntax-check playbook.yml

Tags
• ansible-playbook playbook.yml --tags "install"
• ansible-playbook playbook.yml --skip-tags "config"

Variables
• ansible all -m debug -a "var=ansible_hostname"
• ansible-playbook playbook.yml -e "var1=value"

Vault Commands
• ansible-vault create secrets.yml
• ansible-vault edit secrets.yml
• ansible-vault encrypt secrets.yml
• ansible-vault decrypt secrets.yml
• ansible-playbook playbook.yml --ask-vault-pass

Roles
• ansible-galaxy init <role_name>
• ansible-galaxy install <collection>

• ansible-galaxy list

Facts
• ansible all -m setup
• ansible all -m setup -a "filter=ansible_distribution"

Handlers
• Used inside playbooks with notify:
• ansible-playbook playbook.yml (handlers auto-trigger)

Plugins
• ansible-doc -t callback -l
• ansible-doc -t lookup -l

Documentation
• ansible-doc -l
• ansible-doc <module_name>

Troubleshooting
• ansible-playbook playbook.yml -vvv
• ansible -m ping --forks 10 all