Cheatography

Ansible Cheat Sheet

by pabluntu via cheatography.com/139995/cs/45029/

ansible (ad-hoc command)

Syntax	ansible <hosts> -m <module> -a "<module arguments>"
Ping all servers	ansible all -m ping
Execute a shell command	ansible webservers -m shell -a "uptime"
Check disk space	ansible all -m shell -a "df -h"

ansible-inventory

View entire inventory in JSON format	ansible-inventory --list
View information for a specific group	ansible-inventory --graph webservers
Export inventory to YAML	ansible-inventory --list -y

El inventario define los hosts y grupos sobre los que Ansible ejecutará las tareas.
Características del Inventario:
- Puede ser estático (archivo) o dinámico (script)
- Soporta grupos y subgrupos
- Permite definir variables por host y por grupo
- Puede tener múltiples inventarios (producción, staging, desarrollo)

ansible-vault

Create new encrypted file	ansible-vault create secrets.yml
Encrypt existing file	ansible-vault encrypt vars.yml
Edit encrypted file	ansible-vault edit secrets.yml
Decrypt file	ansible-vault decrypt secrets.yml
View content without decrypting	ansible-vault view secrets.yml

Encrypts and decrypts sensitive files.

ansible-console

Start interactive console	ansible-console
Inside the console	webservers.ping
Inside the console	webservers.shell uptime

ansible-playbook

Basic syntax	ansible-playbook [options] playbook.yml
Run a playbook	ansible-playbook site.yml
Run in check mode (simulation)	ansible-playbook site.yml --check
Run with extra variables	ansible-playbook site.yml --extra-vars "-variable=value"
# Run limiting to certain hosts	ansible-playbook site.yml --limit webservers

Los playbooks son archivos YAML que definen la configuración deseada y las tareas a ejecutar.
Características de los Playbooks:
- Definen una serie de plays (jugadas)
- Cada play asocia hosts con roles y tareas
- Pueden incluir variables, handlers y roles
- Soportan condicionales y bucles
- Permiten reutilización de código

ansible-doc

List all modules	ansible-doc -l
View documentation for a specific module	ansible-doc apt
View usage examples for a module	ansible-doc -s copy

Shows module documentation.

ansible-config

View current configuration	ansible-config dump
View configuration with default values	ansible-config list
View configuration file in use	ansible-config view

ansible-galaxy

Install a role	ansible-galaxy install username.role_name
Initialize new role structure	ansible-galaxy init my_new_role
List installed roles	ansible-galaxy list
Install roles from requirements.yml	ansible-galaxy install -r requirements.yml

Manages Ansible Galaxy roles and collections.

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