Collections can container following:

1. Roles

2. Modules

3. Plugins

In order to use the Roles/Modules/Plugins inside a colelction, first we need to install the collection as below.

#https://galaxy.ansible.com/nginxinc/nginx\_core

ansible-galaxy collection install nginxinc.nginx\_core

#https://galaxy.ansible.com/community/mysql

ansible-galaxy collection install community.mysql

We can use both invidual roles & Collections are part of the playbook which is showing in the playbook.yml

#ansible-galaxy collection install nginxinc.nginx\_core

#ansible-galaxy collection install community.mysql

---

- name: Play for Install MySQL on DBServers

hosts: dbservers

gather\_facts: yes #yes or no

become: yes

become\_user: root

roles:

- geerlingguy.mysql #Role not part of Collection

- nginxinc.nginx\_core.nginx #Role Part of nginxinc.nginx\_core

collections:

- community.mysql

- nginxinc.nginx\_core

tasks:

- name: Create a new database with name 'superstar'

community.mysql.mysql\_db: #Module Part of mysql Collection

name: superstar

state: present

login\_user: root

login\_password: "{{ mysql\_root\_password }}"

- name: Create a new database with name 'megastar'

community.mysql.mysql\_db: #Module Part of mysql Collection

name: megastar

state: present

login\_user: root

login\_password: "{{ mysql\_root\_password }}"

- name: check if Databases

shell: mysql -e 'SHOW DATABASES;'