

Mysql backup

```
[root@man3 ~]# sudo yum install python3-PyMySQL
Last metadata expiration check: 0:25:39 ago on Sun 01 Dec 2024 11:52:58 PM CET.
Dependencies resolved.
=====
Package                                Architecture      Version           Repository        Size
=====
Installing:
python3-PyMySQL                        noarch            0.10.1-6.el9     appstream         107 k
Installing dependencies:
python3-cffi                           x86_64            1.14.5-5.el9     baseos            253 k
python3-cryptography                  x86_64            36.0.1-4.el9     baseos            1.2 M
python3-ply                           noarch            3.11-14.el9      baseos            106 k
python3-pycparser                     noarch            2.20-6.el9       baseos            135 k
=====
```

```
--
- name: take backup for mysql database from managed node
  hosts: all
  become: yes
  vars:
    path_bkp: /tmp/bkp
    username: root
    ansible_python_interpreter: /usr/bin/python3
  tasks:
    - name: install mysql
      yum:
        name: mysql-server
        state: present

    - name: start mysql service
      systemd:
        name: mysqld
        state: started
        enabled: yes

    - name: Create MySQL database
      mysql_db:
        name: db_name
        state: present
        login_user: "{{ username }}"
        login_host: localhost

    - name: create bkp dircectory
      file:
        path: "{{ path_bkp }}"
        state: directory
```

```
- name: real backup
  shell: sudo mysqldump -u "{{ username }}" --all-databases > {{ path_bkp }}/all.sql
  become_user: root
```

Activate
Go to Sett

```
[root@control adhamplaybooks]# vim mysql-bkp.yml
[root@control adhamplaybooks]# ansible-playbook mysql-bkp.yml --syntax-check

playbook: mysql-bkp.yml
[root@control adhamplaybooks]# ansible-playbook mysql-bkp.yml

PLAY [take backup for mysql database from managed node] *****

TASK [Gathering Facts] *****
ok: [192.168.1.100]
ok: [192.168.1.100]

TASK [install mysql] *****
ok: [192.168.1.100]
ok: [192.168.1.100]

TASK [start mysql service] *****
ok: [192.168.1.100]
ok: [192.168.1.100]

TASK [Create MySQL database] *****
ok: [192.168.1.100]
ok: [192.168.1.100]

TASK [create bkp dircectory] *****
ok: [192.168.1.100]
ok: [192.168.1.100]

TASK [real backup] *****
changed: [192.168.1.100]
changed: [192.168.1.100]

PLAY RECAP *****
192.168.1.100 : ok=6 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 igno
red=0
192.168.1.100 : ok=6 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 igno
red=0
```

```
[root@man3 ~]# cd /tmp/bkp
[root@man3 bkp]# ls
all.sql
[root@man3 bkp]#
```

```
[root@man4 ~]# cd /tmp/bkp
[root@man4 bkp]# ls
all.sql
[root@man4 bkp]#
```