ansible-facts

ansible proxy -m setup

```
[root@master ansible]# ansible proxy -m setup
```

setup modulu bizə çoxlu məlumat verir: Ip_version, ram, interface, partition, disk_size

vim facts.yml

```
---
- name: test for ansible_facts
  hosts: proxy
  tasks:
    - name: debug1
      debug:
        msg: "{{ansible_facts['fqdn']}}"
```

proxy qrupu üçün debug modulundan edərək fqdn fact`ını topla. Qarşısında ansible yazan fact`ları çıxardaraq yazma lazımdı.

vim facts.yml

```
---
- name: test for ansible_facts
  hosts: proxy
  tasks:
    - name: debug1
      debug:
        var: ansible_facts['fqdn']

    - name: debug2
      debug:
        msg: Host ip is {{ansible_facts['default_ipv4']['address']}}
```

debug2 - default_ipv4 variable`ı olan address fact`ını topla.

vim facts.yml

```
---
- name: test for ansible_facts
  hosts: all
  tasks:
    - name: debug1
      debug:
        var: ansible_facts['fqdn']

    - name: debug2
      copy:
        content: Host ip is {{ansible_facts['default_ipv4']['address']}} , Total RAM size is {{ansible_facts['memtotal_mb']}} , kernel version is {{ansible_facts['kernel']}} , distro is {{ansible_facts['distribution']}}
        dest: /opt/facts.txt
```

debug2 - ipv4 address, ram size, kernel version, distribution fact`larını topla.

vim facts.yml

```
    - name: parted disk
      community.general.parted:
        device: /dev/nvme0n1
        unit: MiB
      register: sdb_info
```

parted command`ından istifadə edərək /dev/nvme0n1 diskinin size`nı MiB olaraq göstər.

vim facts.yml

```yaml
---
- name: test for ansible_facts
  hosts: proxy
  tasks:
    - name: Preferred version
      debug:
        var: ansible_facts['default_ipv4']['address']
    - name: old version
      debug:
        var: ansible_facts.default_ipv4.address
```

debug modulundan istifadə edərək həm old, həm də new üsulla ipv4 address fact`ını topla.