

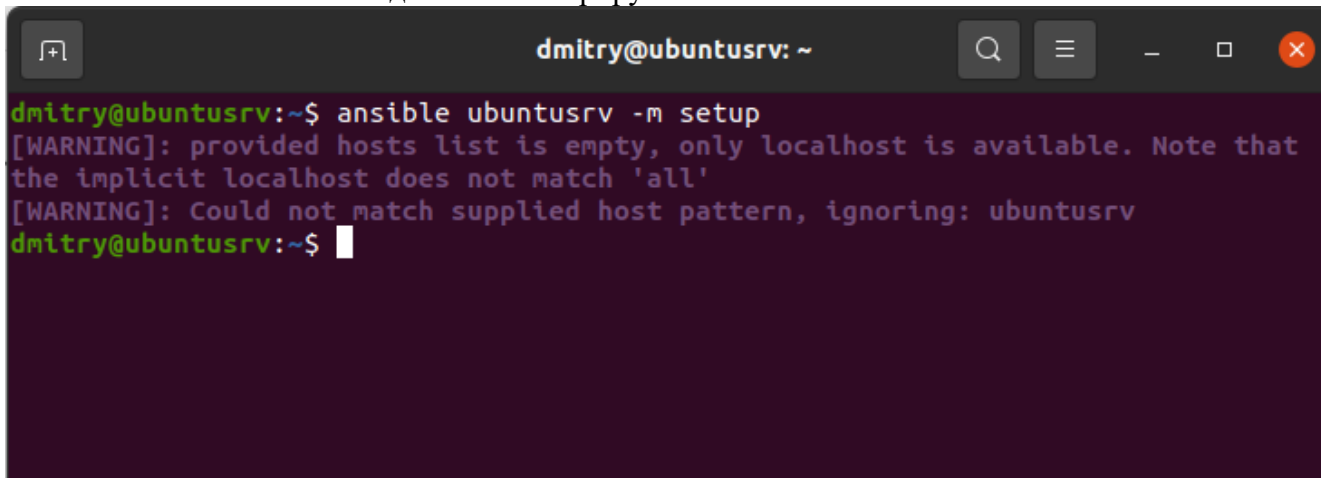
Домашняя работа №2

1. Установить и настроить Ansible. Результатом работы должен быть вывод Ansible -m setup.

Запуск данной команды выдает ошибку, говорящую о том, что требуется добавить pattern – конкретный хост или “all”, чтобы вывести информацию обо всех хостах, указанных в файле inventory/hosts:

```
dmitry@ubuntu:~$ ansible -m setup
usage: ansible [-h] [--version] [-v] [-b] [--become-method BECOME_METHOD]
               [--become-user BECOME_USER] [-K] [-i INVENTORY] [--list-hosts]
               [-l SUBSET] [-P POLL_INTERVAL] [-B SECONDS] [-o] [-t TREE] [-k]
               [--private-key PRIVATE_KEY_FILE] [-u REMOTE_USER]
               [-c CONNECTION] [-T TIMEOUT]
               [--ssh-common-args SSH_COMMON_ARGS]
               [--sftp-extra-args SFTP_EXTRA_ARGS]
               [--scp-extra-args SCP_EXTRA_ARGS]
               [--ssh-extra-args SSH_EXTRA_ARGS] [-C] [--syntax-check] [-D]
               [-e EXTRA_VARS] [--vault-id VAULT_IDS]
               [--ask-vault-pass | --vault-password-file VAULT_PASSWORD_FILES]
               [-f FORKS] [-M MODULE_PATH] [--playbook-dir BASEDIR]
               [-a MODULE_ARGS] [-m MODULE_NAME]
               pattern
ansible: error: the following arguments are required: pattern
```

имя локального хоста команда также игнорирует:



```
dmitry@ubuntu:~$ ansible ubuntu -m setup
[WARNING]: provided hosts list is empty, only localhost is available. Note that
the implicit localhost does not match 'all'
[WARNING]: Could not match supplied host pattern, ignoring: ubuntu
dmitry@ubuntu:~$
```

требуется запустить команду с параметром “localhost”, как это и показано в выводе командной строки:

```

dmitry@ubuntu:~$ ansible localhost -m setup
localhost | SUCCESS => {
  "ansible_facts": {
    "ansible_all_ipv4_addresses": [
      "192.168.1.139"
    ],
    "ansible_all_ipv6_addresses": [
      "fe80::5246:5dff:fe9f:8b62"
    ],
    "ansible_apparmor": {
      "status": "enabled"
    },
    "ansible_architecture": "x86_64",
    "ansible_bios_date": "08/01/2012",
    "ansible_bios_version": "0809",
    "ansible_cmdline": {
      "BOOT_IMAGE": "/vmlinuz-5.4.0-89-generic",
      "ro": true,
      "root": "/dev/mapper/ubuntu--vg-ubuntu--lv"
    },
    "ansible_date_time": {
      "date": "2021-11-04",
      "day": "04",
      "epoch": "1636021437",
      "hour": "13",
      "iso8601": "2021-11-04T10:23:57Z",
      "iso8601_basic": "20211104T132357758514",
      "iso8601_basic_short": "20211104T132357",
      "iso8601_micro": "2021-11-04T10:23:57.758682Z",
      "minute": "23",
      "month": "11",
      "second": "57",
      "time": "13:23:57",
      "tz": "MSK",
      "tz_offset": "+0300",
      "weekday": "Thursday",
      "weekday_number": "4",
      "weeknumber": "44",
      "year": "2021"
    },
    "ansible_default_ipv4": {
      "address": "192.168.1.139",

```

2. Запуск playbook, составленного по

2. Запуск playbook, составленного по best practice, командой:

ANSIBLE_CONFIG=ansible.cfg ansible-playbook -i inventories/dev/hosts playbooks.yml -k -K -u dmitry -t 'nginx::prereq'

```

dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$ ANSIBLE_CONFIG=ansible.cfg ansible-playbook -i inventories/dev/hosts playbooks.yml -k -K -u dmitry -t 'nginx::prereq'
SSH password:
BECOME password[defaults to SSH password]:

PLAY [appservers] *****

TASK [Gathering Facts] *****
ok: [192.168.1.175]

TASK [nginx : Find out if it is baremetal or vm] *****
changed: [192.168.1.175]

TASK [nginx : Mount up device] *****
ok: [192.168.1.175]

TASK [nginx : create filesystem] *****
ok: [192.168.1.175]

TASK [nginx : Mount up device by label] *****
ok: [192.168.1.175]

TASK [nginx : create directory for nginx files] *****
ok: [192.168.1.175]

PLAY RECAP *****
192.168.1.175 : ok=6 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$
dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$
dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$

```

Запуск playbook, составленного по best practice, командой без указания тэгов:

ANSIBLE_CONFIG=ansible.cfg ansible-playbook -i inventories/dev/hosts playbooks.yml -k -K -u dmitry

```

dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$
dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$ ANSIBLE_CONFIG=ansible.cfg ansible-playbook -i inventories/dev/hosts playbooks.yml -k -K -u dmitry
SSH password:
BECOME password[defaults to SSH password]:

PLAY [appservers] *****

TASK [Gathering Facts] *****
ok: [192.168.1.175]

TASK [nginx : Find out if it is baremetal or vm] *****
changed: [192.168.1.175]

TASK [nginx : Mount up device] *****
ok: [192.168.1.175]

TASK [nginx : create filesystem] *****
ok: [192.168.1.175]

TASK [nginx : Mount up device by label] *****
ok: [192.168.1.175]

TASK [nginx : create directory for nginx files] *****
ok: [192.168.1.175]

TASK [nginx : Install EPEL repo] *****
ok: [192.168.1.175]

TASK [nginx : install nginx server] *****
ok: [192.168.1.175]

TASK [nginx : update nginx config] *****
changed: [192.168.1.175]

TASK [nginx : update nginx statics] *****
ok: [192.168.1.175]

RUNNING HANDLER [nginx : reload nginx] *****
changed: [192.168.1.175]

PLAY RECAP *****
192.168.1.175 : ok=11 changed=3 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

dmitry@ubuntu:~/PycharmProjects/Ansible/webinar_2/best_practices$

```