ЗАДАНИЕ №2

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

РЕШЕНИЕ:

```
[root@ansible ansible]# ansible -m setup
usage: ansible [-h] [--version] [-v] [-b] [--become-method BECOME_METHOD] [--become-user BECOME_USER] [-K] [-i INVENTORY]
               [-P POLL_INTERVAL] [-B SECONDS] [-o] [-t TREE] [-k] [--private-key PRIVATE_KEY_FILE] [-u REMOTE_USER] [-c C
               [--ssh-common-args SSH_COMMON_ARGS] [--sftp-extra-args SFTP_EXTRA_ARGS] [--scp-extra-args SCP_EXTRA_ARGS] [
               [--syntax-check] [-D] [-e EXTRA_VARS] [--vault-id VAULT_IDS] [--ask-vault-password | --vault-password-file
               [-M MODULE_PATH] [--playbook-dir BASEDIR] [--task-timeout TASK_TIMEOUT] [-a MODULE_ARGS] [-m MODULE_NAME]
               pattern
ansible: error: the following arguments are required: pattern

usage: ansible [-h] [--version] [-v] [-b] [--become-method BECOME_METHOD] [--become-user BECOME_USER] [-K] [-i INVENTORY]
               [-P POLL_INTERVAL] [-B SECONDS] [-o] [-t TREE] [-k] [--private-key PRIVATE_KEY_FILE] [-u REMOTE_USER] [-c C
               [--ssh-common-args SSH_COMMON_ARGS] [--sftp-extra-args SFTP_EXTRA_ARGS] [--scp-extra-args SCP_EXTRA_ARGS] [
               [--syntax-check] [-D] [-e EXTRA_VARS] [--vault-id VAULT_IDS] [--ask-vault-password | --vault-password-file
               [-M MODULE_PATH] [--playbook-dir BASEDIR] [--task-timeout TASK_TIMEOUT] [-a MODULE_ARGS] [-m MODULE_NAME]
               pattern

Define and run a single task 'playbook' against a set of hosts

positional arguments:
  pattern                 host pattern

options:
  --ask-vault-password, --ask-vault-pass
                          ask for vault password
  --list-hosts            outputs a list of matching hosts; does not execute anything else
  --playbook-dir BASEDIR
                          Since this tool does not use playbooks, use this as a substitute playbook directory.This sets the
                          roles/ group_vars/ etc.
  --syntax-check          perform a syntax check on the playbook, but do not execute it
  --task-timeout TASK_TIMEOUT
                          set task timeout limit in seconds, must be positive integer.
  --vault-id VAULT_IDS    the vault identity to use
  --vault-password-file VAULT_PASSWORD_FILES, --vault-pass-file VAULT_PASSWORD_FILES
                          vault password file
  --version               show program's version number, config file location, configured module search path, module locatio
  -B SECONDS, --background SECONDS
                          run asynchronously, failing after X seconds (default=N/A)
  -C, --check             don't make any changes; instead, try to predict some of the changes that may occur
  -D, --diff              when changing (small) files and templates, show the differences in those files; works great with -
  -M MODULE_PATH, --module-path MODULE_PATH
                          prepend colon-separated path(s) to module library (default=~/.ansible/plugins/modules:/usr/share/a
  -P POLL_INTERVAL, --poll POLL_INTERVAL
```

```
[root@ansible ansible]# ansible -m setup localhost
localhost | SUCCESS => {
    "ansible_facts": {
        "ansible_all_ipv4_addresses": [
            "10.0.10.98",
            "192.168.111.52"
        ],
        "ansible_all_ipv6_addresses": [
            "fe80::86a4:ae84:fc91:d715",
            "fe80::f7c0:c37:3baf:3d47"
        ],
        "ansible_apparmor": {
            "status": "disabled"
        },
        "ansible_architecture": "x86_64",
        "ansible_bios_date": "08/22/2017",
        "ansible_bios_vendor": "Microsoft Corporation",
        "ansible_bios_version": "Hyper-V UEFI Release v2.5",
        "ansible_board_asset_tag": "None",
        "ansible_board_name": "Virtual Machine",
        "ansible_board_serial": "5444-1051-6112-0516-7109-1462-87",
        "ansible_board_vendor": "Microsoft Corporation",
        "ansible_board_version": "Hyper-V UEFI Release v2.5",
        "ansible_chassis_asset_tag": "5444-1051-6112-0516-7109-1462-87",
        "ansible_chassis_serial": "5444-1051-6112-0516-7109-1462-87",
        "ansible_chassis_vendor": "Microsoft Corporation",
        "ansible_chassis_version": "Hyper-V UEFI Release v2.5",
        "ansible_cmdline": {
            "BOOT_IMAGE": "(hd0,gpt2)/vmlinuz-4.18.0-80.el8.x86_64",
            "nomodeset": true,
            "quiet": true,
            "rd.lvm.lv": "cl/swap",
            "resume": "/dev/mapper/cl-swap",
            "rhgb": true,
            "ro": true,
            "root": "/dev/mapper/cl-root"
        },
```