

Docker

Необходимые модули:

```
pip install 'docker-py>=1.7.0'
```

```
pip install 'docker-compose>=1.7.0'
```

ansible-container позволяет работать с docker без dockerfile

Создание контейнера

```
- name: create a container
  docker_container:
    name: debianlinux
    image: debian:9
    pull: yes
    state: present
```

Запуск контейнера

```
- name: start a container
  docker_container:
    name: debianlinux
    state: started
    devices:
      - "/dev/sda:/dev/xvda:rwm"
```

Остановка контейнера

```
- name: stop a container
  docker_container:
    name: debianlinux
    state: stopped
```

Удаление образа из локального хранилища

```
- name: remove a container image
  docker_image:
    name: labimages/ubuntu
    state: absent
    tag: lab16
```

Авторизация на docker hub

```
- name: login to DockerHub
  docker_login:
    username: labuser1
    password: "L@bp@55w0rd"
    email: user1@lab.edu
```

Скачать образ из docker hub

```
- name: pull a container image
  docker_image:
    name: ubuntu:18.04
    pull: yes
```

Сохранить образ в docker hub

```
- name: push a container image to docker hub
  docker_image:
    name: labimages/ubuntu
    repository: labimages/ubuntu
    tag: lab18
    push: yes
```

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