南昌大学实验报告

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课程名称：**云计算**

实验项目名称

Lab 8 Introduction to Cloud Computing -- Cloudlet

实验目的

实验基础

- http://elijah.cs.cmu.edu/
- https://github.com/cmusatyalab/faceswap
- https://hub.docker.com/r/chaunce/ci-android/

实验步骤

1. 阅读实验基础中的内容

2. 拉取https://github.com/cmusatyalab/faceswap中给出的镜像

```
wget https://storage.cmusatyalab.org/faceswap/faceswap-server-release.qcow
```


3. 选择docker hub 中安卓环境镜像https://hub.docker.com/r/chaunce/ci-android/

```
docker pull chaunce/ci-android
```


4. 下载faceswap-server.xml

```
wget https://raw.githubusercontent.com/cmusatyalab/faceswap/master/server/kvm/faceswap-server.xml
```

```
root@vps-sfo181022:~/22# wget https://raw.githubusercontent.com/cmusatyalab/faceswap/master/server/kvm/faceswap-server.xml
--2019-05-26 14:53:41--  https://raw.githubusercontent.com/cmusatyalab/faceswap/master/server/kvm/faceswap-server.xml
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 151.101.188.133
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|151.101.188.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 1166 (1.1K) [text/plain]
Saving to: 'faceswap-server.xml'

faceswap-server.xml            100%[===================================================================================>]   1.14K  --.-KB/s    in 0s

2019-05-26 14:53:41 (138 MB/s) - 'faceswap-server.xml' saved [1166/1166]

root@vps-sfo181022:~/22# ls
faceswap-server.xml
root@vps-sfo181022:~/22#
```

5. 修改faceswap-server.xml 把地址改成faceswap-server-release.qcow所在地址

```
root@vps-sfo181022: ~/22

<domain type='kvm' xmlns:qemu='http://libvirt.org/schemas/domain/qemu/1.0'>
  <name>faceswap-server</name>
  <uuid>c7a5fdbd-cdaf-9455-926a-d65c16db1802</uuid>
  <memory>4194304</memory>
  <currentMemory>4194304</currentMemory>
  <cpu mode='custom' match='exact'>
    <model fallback='forbid'>SandyBridge</model>
    <topology sockets='1' cores='4' threads='1'/>
  </cpu>
  <vcpu>4</vcpu>
  <os>
    <type arch='x86_64' machine='pc-1.0'>hvm</type>
  </os>
  <devices>
    <emulator>/usr/bin/qemu-system-x86_64</emulator>
    <disk type='file' device='disk'>
      <driver name='qemu' type='qcow2'/>
      <source file='~/lab8/faceswap-server-release.qcow'/>
      <target dev='vda' bus='virtio'/>
    </disk>
    <graphics type='vnc' port='-1' autoport='yes' keymap='en-us' listen='127.0.0.1'/>
    <interface type='user'>
    </interface>
  </devices>
  <features>
    <acpi/>
  </features>
  <qemu:commandline>
    <qemu:arg value='-redir'/>
    <qemu:arg value='tcp:9098::9098' />
    <qemu:arg value='-redir'/>
    <qemu:arg value='tcp:9101::9101' />
    <qemu:arg value='-redir'/>
    <qemu:arg value='tcp:20022::22' />
  </qemu:commandline>
</domain>
~
```

6.

实验数据或结果

如上

实验思考

参考资料