0.5 Deliverables for section 0

1. use SSH to access outernetwork1 and do ip a. Get a screen capture of the output and paste it here

A screenshot of a computer program

Description automatically generated

1. on outernetwork1 issue the command "virsh net-dumpxml nat1". Get a screen capture of the output and paste it here

A computer screen with white text

Description automatically generated

1. on outernetwork1 issue the command "virsh list --all". You should see test1 in the list. Get a screen capture of the output and paste it here

A black screen with white text

Description automatically generated

1. on outernetwork1 use ls -lh to show the size of the files in /var/lib/libvirt/boot and /var/lib/libvirt/images. Get a screen capture of the output and paste it here.

A computer screen with white text

Description automatically generated

Comment on why test1.qcow2 is so much smaller than centos7.qcow2.

**test1.qcow2 is smaller because it is the delta file that stores changes to the backing file of centos7.qcow2**

1. get a screen capture of your BROWSER after you have successfully hit port 8080 on test1 VM. Paste it here.

A screenshot of a computer

Description automatically generated

Also get a screen capture of the output at test1 when the browser access the SimpleHTTPServer. Paste it here

A screen shot of a computer

Description automatically generated

1. Prove that test1 has IP forwarding enabled. On test1 issue the following commands and get screen captures of the output:

cat /sys/module/kvm\_intel/parameters/nested

this should return Y

sysctl net.ipv4.ip\_forward

this should return net.ipv4.ip\_forward = 1

A screen shot of a computer

Description automatically generatedPaste your results here:

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