## Server(B)

## 1. docker

가

## snippet.shell

```
# echo "deb https://apt.dockerproject.org/repo ubuntu-xenial main" >>
/etc/apt/sources.list
```

## snippet.shell

# apt-get update

## HTTPS

### snippet.shell

```
# apt-get install -y apt-transport-https ca-certificates curl gnupg-
agent software-properties-common
```

### snippet.shell

```
# apt-key adv --keyserver hkp://p80.pool.sks-keyservers.net:80 --recv-
keys 58118E89F3A912897C070ADBF76221572C52609D
```

linux-image extra docker-engine

#### snippet.shell

```
# sudo apt-get update
# apt-get install linux-image-extra-$(uname -r)
# apt-get install docker-engine
```

## 2. nginx

#### snippet.shell

```
docker container run -d -p 9000:90 nginx
docker container ls
```

mkdir docker cd docker

## 3. index.html

root@server-b:~/docker# docker container cp 8e:/usr/share/nginx/html/index.html .
root@server-b:~/docker# ll
total 12
drwxr-xr-x 2 root root 4096 May 31 16:47 ./
drwx----- 5 root root 4096 May 31 16:47 ../
-rw-r--r- 1 root root 612 Apr 16 22:08 index.html

vi index.html

```
root@server-b:~/docker# docker container cp ./index.html 8e:/usr/share/nginx/html/
root@server-b:~/docker# curl localhost:9000
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
    body {
        width: 35em;
        margin: 0 auto;
        font-family: Tahoma, Verdana, Arial, sans-serif;
    }
</style>
</head>
<body>
<h1>Modified Welcome to nginx!</h1>
If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.
For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.
<em>Thank you for using nginx.</em>
</body>
</html>
```

## Server

**1. ip** 

#### snippet.shell

```
student@M50423 C:\Users\student
# ipconfig
```

Windows IP



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## 2. VMware Network Port Forwarding

NAT Settings				x
Network:         vmnet8           Subnet IP:         192.168.111.0           Subnet mask:         255.255.255.0				
Port Forwarding				
Host Port	Туре	Virtual Machine IP Address	Description	
9500	TCP	192.168.111.100:9000	to docker	
9000	TCP	192.108.111.200;9000	to docker of server-b	
Add Remove Properties				
Advanced				
Allow active FTP				
Config port: 0				
Enable IPv6				
IPv6 prefix: fd15:4ba5:5a2b:1008::/64				
DNS Settings NetBIOS Settings				
			OK Cancel Help	



# **Modified Welcome to nginx!**

If you see this page, the nginx web server is successfully installed and wc Further configuration is required.

For online documentation and support please refer to <u>nginx.org</u>. Commercial support is available at <u>nginx.com</u>.

Thank you for using nginx.

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