Show Gateway Setting

Nano (text editor, like notepad++)

Gateway Server Config

* Show Network Interface Config – nano /etc/network/interfaces
* Ifconfig eth0 // ifconfig eth1
* Show DHCP Config – nano dhcpd.conf
* Show Gateway Config – nano startGateway
* /etc/init.d/networking restart

*Commands (Turn-on Gateway)*

* shstartGateway
* dhcpd -4 -f -d -cf ./dhcpd.conf --no-pid eth0
* \*\* new \*\* cd /etc/dhcp
* \*\* new \*\* dhcpd -4 -f -d -cf /etc/dhcp/dhcpd.conf –no-pid enp0s3

Internal Server Config

* Web Page Content – nano /data/www/index.html
* Nginx Conf - nano/etc/nginx/nginx.conf
* Service nginx restart

iptables -L

/etc/init.d/iptables save

rc-update add iptables

mysql -u root -p

select user, host, password from mysql.user;

drop user ‘cityu@locathost’

Config Apache

nano /etc/apache2/conf-enabled/security.conf (serverTokens become PROD, L25)

nano /etc/apache2/mods-enabled/dir.conf (changed access directory, L2)

nano /etc/apache2/apache2.conf (added server name, L70)

Server name: [www.srv.world](http://www.srv.world)

Nano /etc/apache2/sites-enabled/000-default.conf (update webmaster’s email, L11)

Conf PHP

a2enconf php7.0-cgi

service apache2 reload

(timezone) nano /etc/php/7.0/apache2/php.ini

(PHP) nano /var/www/html/index.php

(Allow access IP) nano /etc/phpMyAdmin/apache.conf

(Fixed IP) nano /etc/phpMyAdmin/apache.conf

Iptables -t nat -v -L POSTROUTING -n –line-number

Iptables -t nat -D POSTROUTING {number}

SFTP

Sftp [cityu@10.5.5.51](mailto:cityu@10.5.5.51)

Password city88

10.5.5.1

Hostname

/etc/hosts

Hostname srv.ubuntu.com

Nano /etc/hostname

Rename apache server name

Nano /etc/apache2/apache2.conf

iptables -t nat -D POSTROUTING

iptables -t nat -A PREROUTING -i eth1 -p tcp --dport 80 -j DNAT --to-destination 10.5.5.27

iptables -t nat -A POSTROUTING -o eth0 -p tcp --dport 80 -d 10.5.5.27 -j SNAT --to-source 10.5.5.1

iptables -t nat -v -L POSTROUTING -n --line-number

download resource in internet

wget [http://](NULL)....

Unzip file: tar zxvf …tar.gz

Update /etc/apache2/sites-available/crm.conf

<VirtualHost \*:81>

ServerAdmin

DocumentRoot

ErrorLog ${APACHE\_LOG\_DIR}/error.log

CustomLog ${APACHE\_LOG\_DIR}/access.log combined

</VirtualHost>

1. default.conf

ifdown eth0

ifup eth0

nano /etc/php/7.0/cli/php.ini

Change display\_errors = Off -> On

Change max\_execution\_time from 30 to 600

Change error\_reporting from E\_ALL & ~E\_DEPRECATED to

E\_WARNING & ~E\_NOTICE & ~E\_DEPRECATED

Change log\_errors from On to Off

Change short\_open\_tag from Off to On

/etc/init.d/apache2 restart

Pw city88

Database Information

Database Type: MySQL

Host Name: courseworkPhilip

User Name: sa

Password: city88

Database Name: crm\_citylife404

Root User Name: root

Root Password: city88

Port Config: /etc/apache2/ports.conf

Apache config: /etc/apache2/apache2.conf

Httpd update: /etc/apache2/sites-available/000-default.conf

vtiger@localhost

city88