Network Administration/System Administration Homework #4

Professor: Hsin-Mu Tsai

b03502040 劉君猷

System Administration
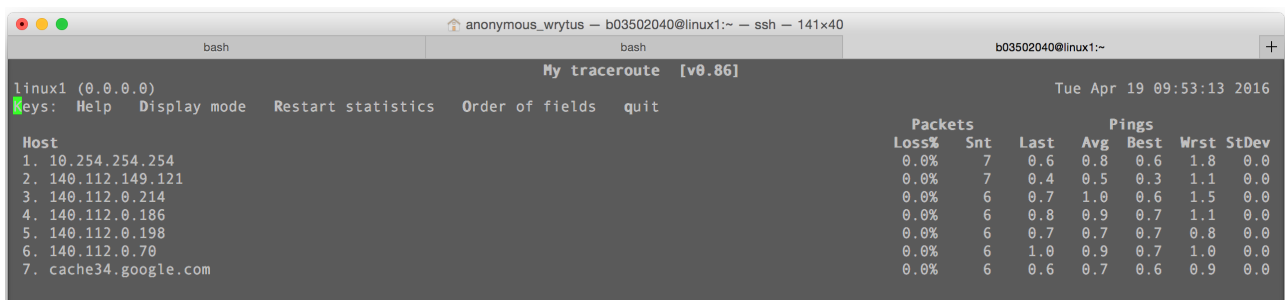
1.

`ifconfig eth0 192.168.217.1 netmask 255.255.255.0`
`route add default gateway 192.168.217.254`

REFERENCE:
(1) [http://dreamtails.pixnet.net/blog/post/27029635-linux用指令設定ip,-netmask,-gateway]

2.

`mtr www.google.com`

REFERENCE:
(1) [https://en.wikipedia.org/wiki/MTR_(software)]

3.

`curl -I www.csie.ntu.edu.tw`

REFERENCE:

(1) [http://serverfault.com/questions/249483/shell-command-to-see-the-http-headers]

(2) [http://osxdaily.com/2011/07/07/get-http-header-info-from-web-sites-using-curl/]

(3) [http://web-sniffer.net]

4.

`dig csie.ntu.edu.tw -t MX`

5.

`lsof -i :80` 或 `netstat -tulpn I grep :80`

REFERENCE:

(1) [http://www.cyberciti.biz/faq/what-process-has-open-linux-port/]