INT207 Network I

Lab 1: Network tools, CLI commands

Learn how to use and interpret basic network commands on CLI

Hostname

Ping

Nslookup, dig, whois

Ipconfig (Windows), ifconfig, ip

Tracert (Windows), traceroute, tracepath

Homework 1:

1. What is the hostname of your computer? MyLaptop 192.168.38.1
2. What IP addresses/mask are devices using in your house/apartment? (notebook, phone, tablet, TV …)

Phone vivo 192.168.1.105

Tablet Samsung 192.168.1.108

Iphone 192.168.1.106

Ipad 192.168.1.127

1. What are the IP addresses for 3 Thai web sites and 3 foreign websites (each in different countries)?

Thai 1. [www.ku.ac.th](http://www.ku.ac.th) 158.108.216.5

2. [www.bu.ac.th](http://www.bu.ac.th) 110.49.17.59

3. [www.tu.ac.th](http://www.tu.ac.th) 203.131.212.198

MA,USA [www.harvard.edu](http://www.harvard.edu) 199.232.46.133

Korean [www.snu.ac.kr](http://www.snu.ac.kr) 147.46.10.129

Japan [www.u-tokyo.ac.jp](http://www.u-tokyo.ac.jp) 210.152.243.234

1. What are the names and addresses of the company that registered the domain names for the websites in Q3? Who is the registrar of those domains?

Ku

Registrar: THNIC

org-name:      Kasetsart University  
country:         TH  
address:        Kasetsart University, Thailand  
address:        Kasetsart University (Office of Computer Services),  
address:        50 Ngamwongwan Road,  
address:        Ladyao, Chatuchak, Bangkok 10900, THAILAND

Bu

Registrar: THNIC

org-name:      Bangkok University

country:         TH  
address:         Thailand Bangkok 408 60 Php Bld. 15th Fl Phaholyothin Rd Samsen Nai Phayathai

Tu

Registrar: THNIC

org-name:      Thammasat University

country:         TH  
address:        2 Phrachan Road, Phranakorn, Bangkok 10200, Thailand

Harvard

Harvard University

784 Memorial Drive

MA

Cambridge, MA 02139

USA

Snu

Registrant : Seoul National University

Registrant Address : 102-dong Gwanak-ro,, Gwanak-gu Seoul

Tokyo

Registrar: JPNIC

University of Tokyo

Japan Chiyoda-ku Japan Network Information Center

1. What ISPs, countries are on the route to the 3 foreign websites in Q3?

Harvard ISP : Fastly

Snu ISP : Seoul National University

Tokyo ISP : IDC Frontier Inc.

References

NOC RMUTP, คำสั่งCommand Promptที่เกี่ยวกับInternet

<https://noc.rmutp.ac.th/commandpromptinternet/>

Redhat.com, 7 Linux networking commands that every sysadmin should know

<https://www.redhat.com/sysadmin/7-great-network-commands>