

ASMN Week 4: Proxy Server

Details

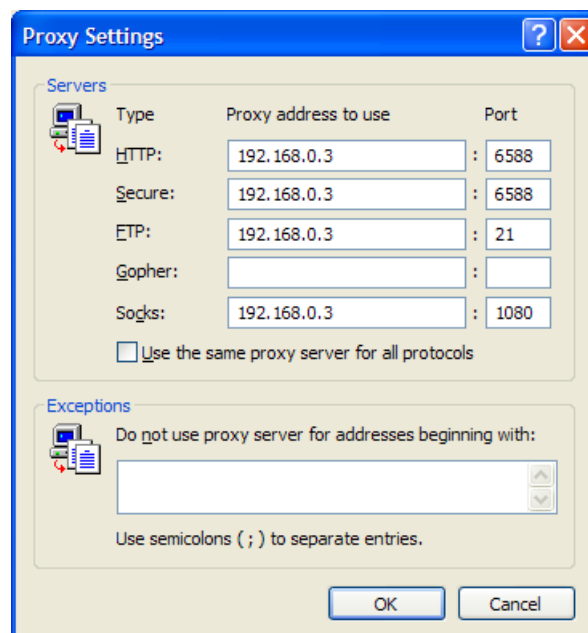
Module name: Advanced Security and Mobile Networks
Module number: CO42034
Session: Semester 2, 2003/2004
Aim: To provide a basic understanding of the use of proxies
Time: 50 minutes

Activities

In groups of **three**, find the AnalogueX (<http://www.analogx.com/>) proxy server on the WWW, and download it onto one machine.

- 1 Next identify three computers and run the proxy on the middle computer. Perform the following:
 - A. From one host, set the Internet settings so that it uses the proxy for its WWW access (port 6588).
 - B. From one host, set the Internet settings so that it uses the FTP protocol for access to an FTP server.
 - C. From one host, set the Internet settings so that it uses the Socks protocol is setup.

A sample is given below (note that the address of the proxy should be the same as the one on which it is running on).



The setup should not be the same as Figure 1.

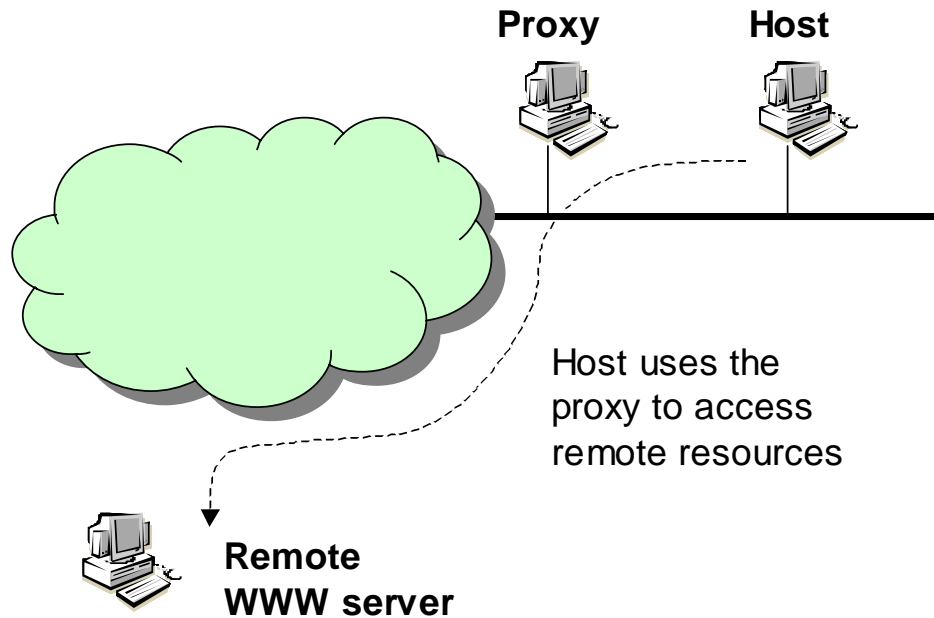


Figure 1: Lab setup

Using the setup, conduct the following:

- A. Access a WWW page from the browser on the Host.
Can you access the page? YES/NO
- B. Access an FTP server from the Host (Run-> `ftp ftp2.dcs.napier.ac.uk`).
Can you access the FTP server? YES/NO

Now stop the proxy server, and repeat the following:

- A. Access a WWW page from the browser on the Host.
Can you access the page? YES/NO
- B. Access an FTP server from the Host (Run-> `ftp ftp2.dcs.napier.ac.uk`).
Can you access the FTP server? YES/NO

What does the Socks protocol do?

Before the end of the lab, change the settings back so that the machines do not use the proxy.