*Programming Project: Part 3*

Enhance the master and slave bots command to support IP and tcp port scans

Programming Language to use: Java 8

The following commands are to be supported now

(DO NOT INCLUDE THE HYPEN IN YOUR COMMANFD SYNTAX, ONLY THE COMMAND: i.e. list)

1.-ipscan (IPAddressOrHostNameOfYourSlave|all) (IPAddressRage)

When your slave process this command it must generate a list of IP addresses that replied to ICMP echo messages and it should respond with empty list if none of the addresses responded to ICMP echo requests within 5 seconds. Your master must process the list of IP addresses that responded and present them as a comma separated list of IP addresses

2.- tcpportscan (IPAddressOrHostNameOfYourSlave|all) (TargetHostName|IPAddress) TargetPortNumberRage

Your slave should be able to scan what TCP ports area alived in the target host and create a comma separated list of those ports.

These commands must be implemented in an asynchronous manner as some of them may take considerable time, that means that I can type multiple scan commands and receive the responses in between or at the end.

Due Date: 04/17/2017 at 6:00pm