

# nmapbot: purpose



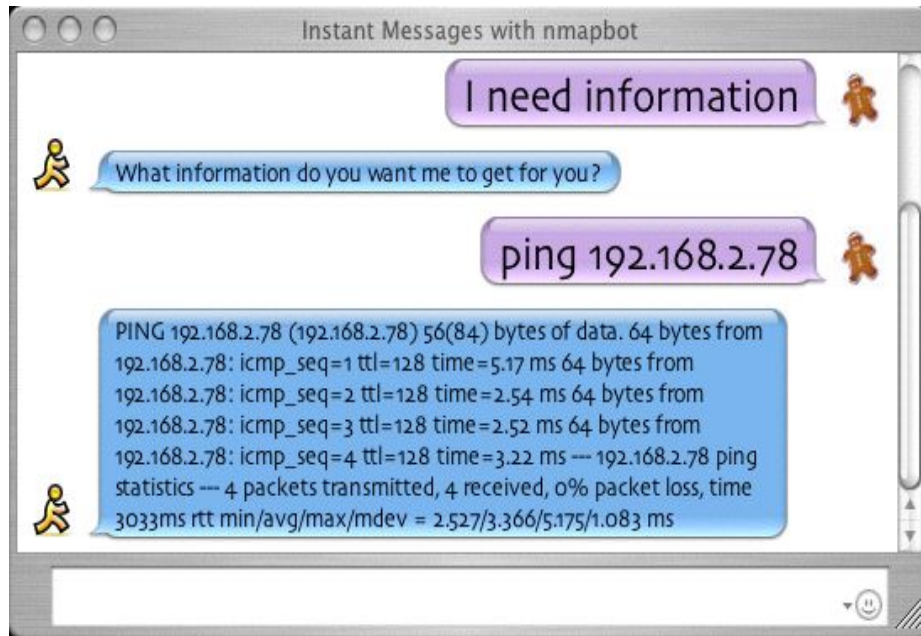
## Purpose:

To create a semi-intelligent security bot that uses instant messaging as a platform for receiving commands and returning results.

# nmapbot: method

- Using **python**, the **AOL TOC** protocol, Bayesian language processing, and **nmap 3.70**, I hacked together a little bot that can run nmap and ping. Future editions will include additional commands =)
- The nmapbot rests on the shoulders of python and projects such as **Py-AIML**, **AIMLBayes**, **GrokItBot**, and **Reverend**. Many thanks to **fyodor** et al. for the excellent tool suite in nmap 3.70.

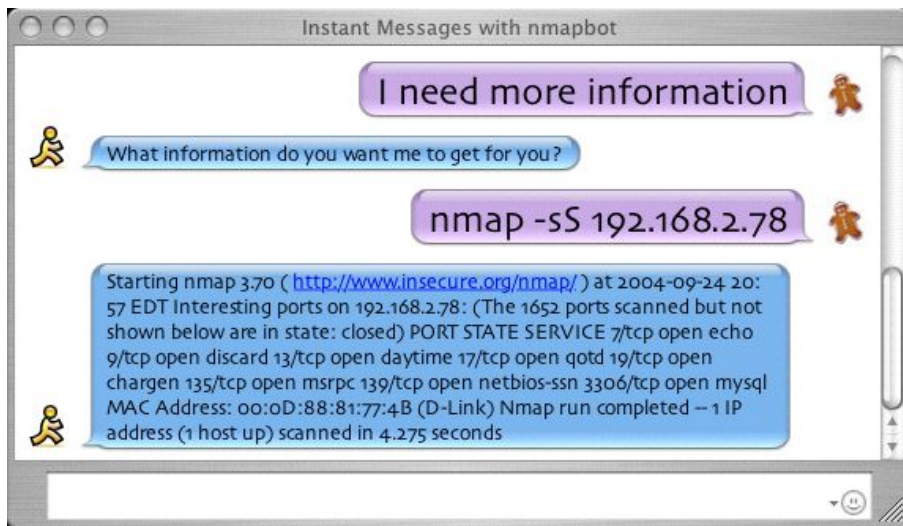
# nmapbot: capabilities



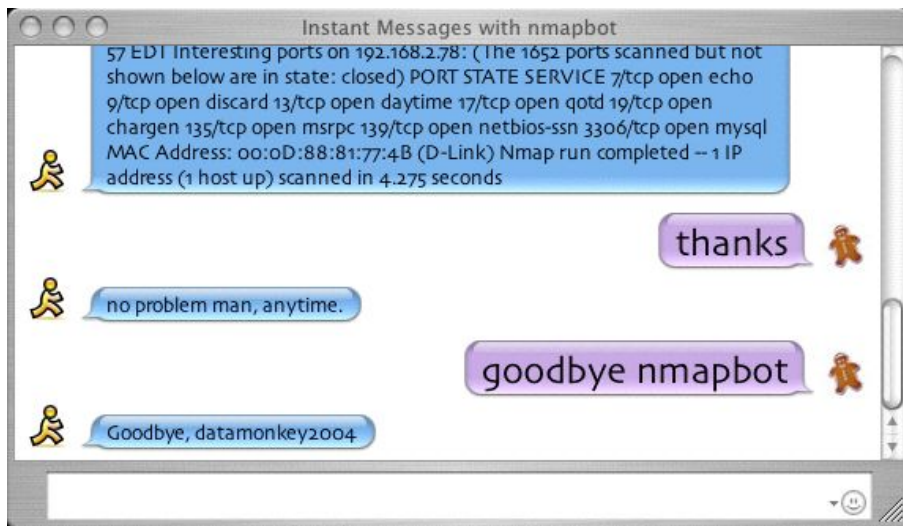
- Currently, this bot can receive and run basic \*nix commands (e.g. **Ping**, **nmap -sS**, etc.) via standard AOL instant messenger.

# Nmapbot: capabilities

- This is interesting, because AOL IM can be called via cellphone and PDA (you can run nmap scans from your cellphone!)



# Nmapbot: future work



- (1) Create a similar bot using **Jabber**.
- (2) **Expand nmapbot into metasploitbot** (leverage the metasploit framework from instant messaging).
- (3) Create an XML-RPC bot (non-IM) that can **pass data through virtually any corporate firewall**.
- (4) Extend nmapbot to offer **scanrand** and **unicornsca**n.

# Contact information

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If you'd like to correspond with me about nmapbot, contact me via e-mail at [abe.usher@sharp-ideas.net](mailto:abe.usher@sharp-ideas.net)

If you need to send me a confidential message, you can grab my public key from

[http://www.sharp-ideas.net/Abe\\_Usher.asc](http://www.sharp-ideas.net/Abe_Usher.asc)

The nmapbot page is located at

<http://www.sharp-ideas.net/archives/000032.html>

Free the Packets!

Abe