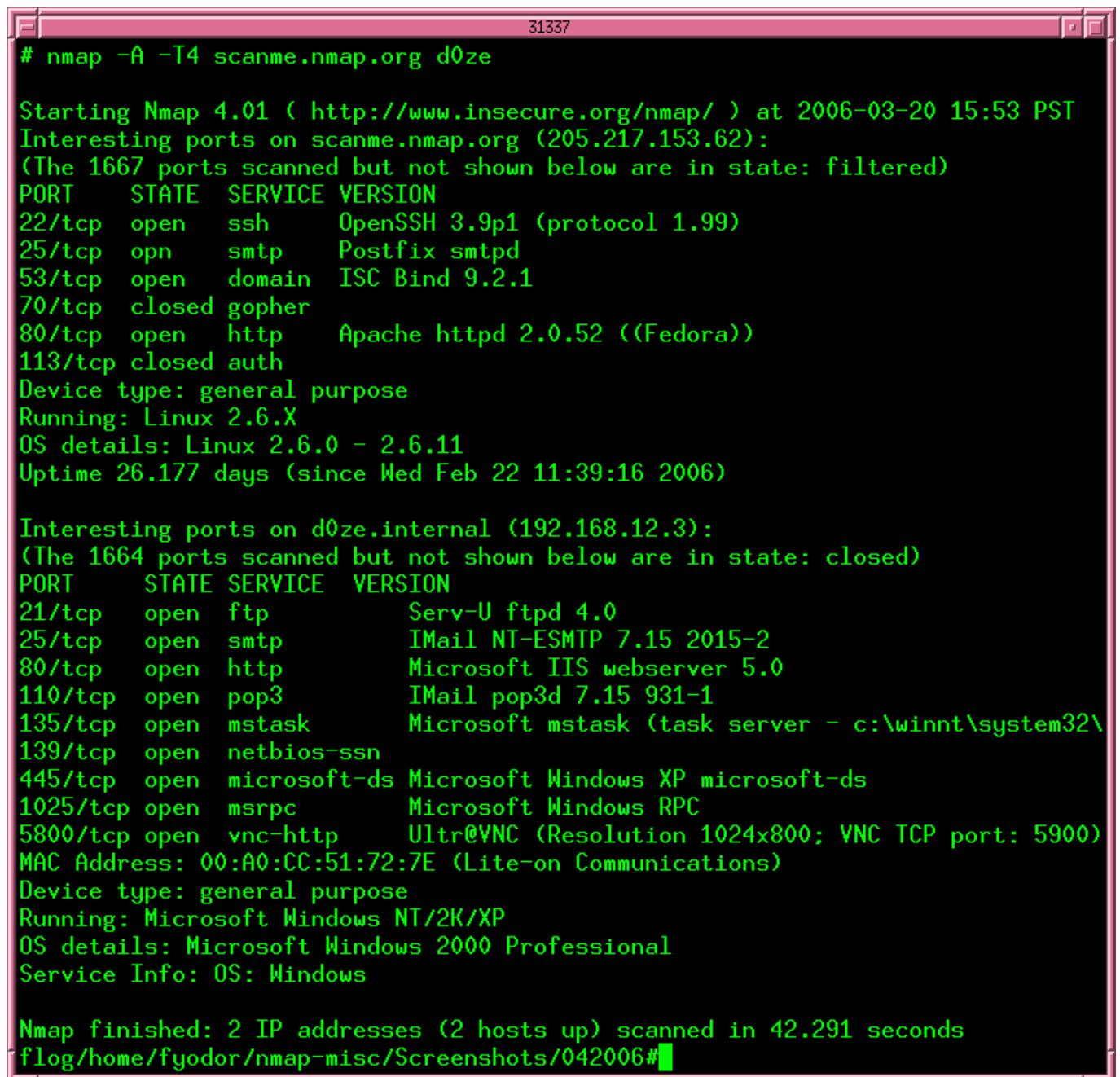


Nmap Security Scanner

Nmap («Network Mapper») is a free and open source ([license](#)) utility for network discovery and security auditing. Many systems and network administrators also find it useful for tasks such as network inventory, managing service upgrade schedules, and monitoring host or service uptime.



```
# nmap -A -T4 scanme.nmap.org d0ze

Starting Nmap 4.01 ( http://www.insecure.org/nmap/ ) at 2006-03-20 15:53 PST
Interesting ports on scanme.nmap.org (205.217.153.62):
(The 1667 ports scanned but not shown below are in state: filtered)
PORT      STATE SERVICE VERSION
22/tcp    open  ssh      OpenSSH 3.9p1 (protocol 1.99)
25/tcp    open  smtp     Postfix smtpd
53/tcp    open  domain   ISC Bind 9.2.1
70/tcp    closed gopher
80/tcp    open  http     Apache httpd 2.0.52 ((Fedora))
113/tcp   closed auth
Device type: general purpose
Running: Linux 2.6.X
OS details: Linux 2.6.0 - 2.6.11
Uptime 26.177 days (since Wed Feb 22 11:39:16 2006)

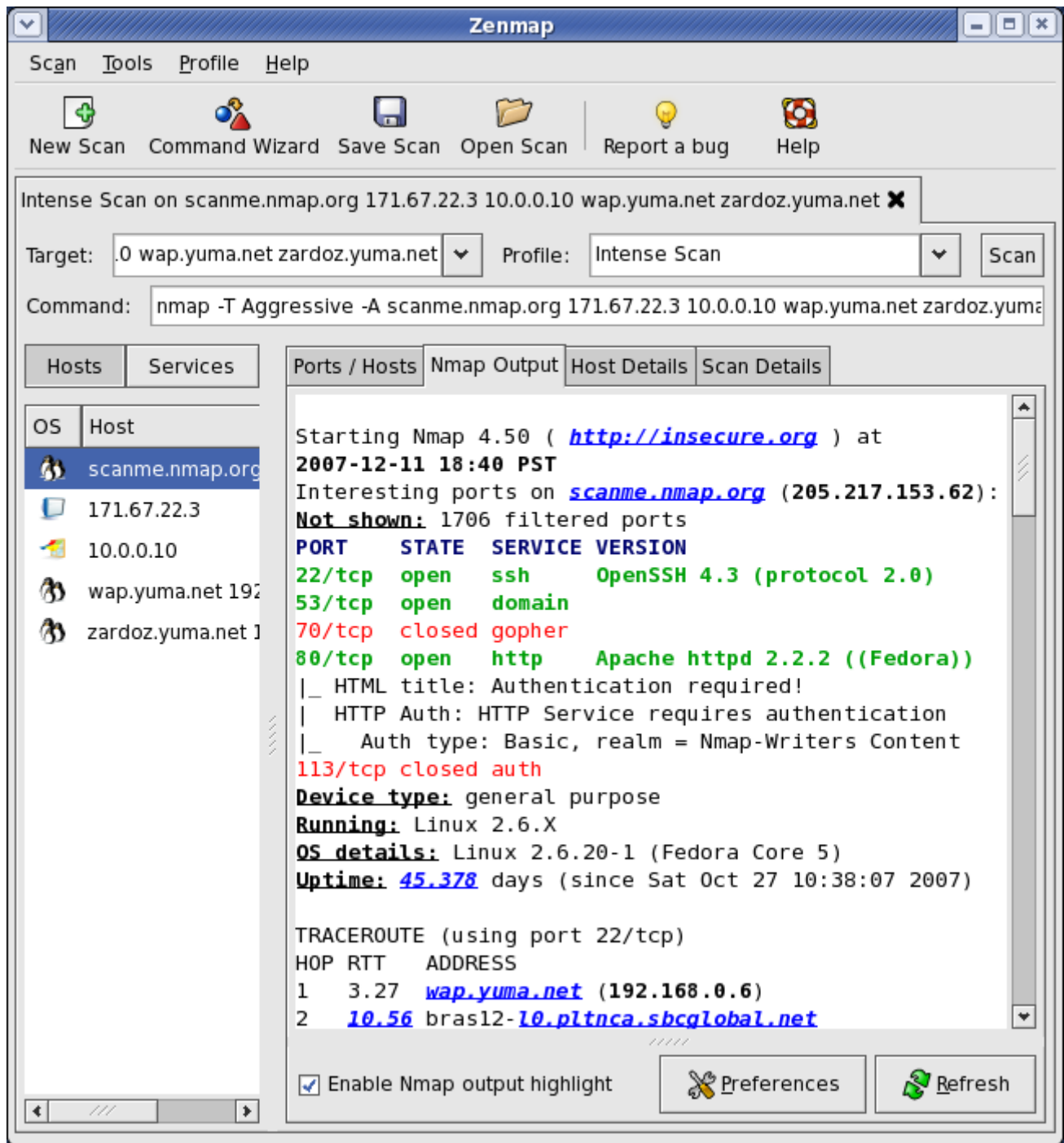
Interesting ports on d0ze.internal (192.168.12.3):
(The 1664 ports scanned but not shown below are in state: closed)
PORT      STATE SERVICE VERSION
21/tcp    open  ftp      Serv-U ftpd 4.0
25/tcp    open  smtp     IMail NT-ESMTP 7.15 2015-2
80/tcp    open  http     Microsoft IIS webserver 5.0
110/tcp   open  pop3     IMail pop3d 7.15 931-1
135/tcp   open  mstask   Microsoft mstask (task server - c:\winnt\system32\
139/tcp   open  netbios-ssn
445/tcp   open  microsoft-ds Microsoft Windows XP microsoft-ds
1025/tcp  open  msrpc    Microsoft Windows RPC
5800/tcp  open  vnc-http Ultr@VNC (Resolution 1024x800; VNC TCP port: 5900)
MAC Address: 00:A0:CC:51:72:7E (Lite-on Communications)
Device type: general purpose
Running: Microsoft Windows NT/2K/XP
OS details: Microsoft Windows 2000 Professional
Service Info: OS: Windows

Nmap finished: 2 IP addresses (2 hosts up) scanned in 42.291 seconds
flog/home/fyodor/nmap-misc/Screenshots/042006#
```

Nmap uses raw IP packets in novel ways to determine what hosts are available on the network, what services (application name and version) those hosts are offering, what operating systems

(and OS versions) they are running, what type of packet filters/firewalls are in use, and dozens of other characteristics. It was designed to rapidly scan large networks, but works fine against single hosts.

Nmap runs on all major computer operating systems, and official binary packages are available for Linux, Windows, and Mac OS X. In addition to the classic command-line Nmap executable, the Nmap suite includes an advanced GUI and results viewer ([Zenmap](#)), a flexible data transfer, redirection, and debugging tool ([Ncat](#)), a utility for comparing scan results ([Ndiff](#)), and a packet generation and response analysis tool ([Nping](#)).



Download

<https://nmap.org/download.html>

Examples

<https://nmap.org/man/es/man-examples.html>