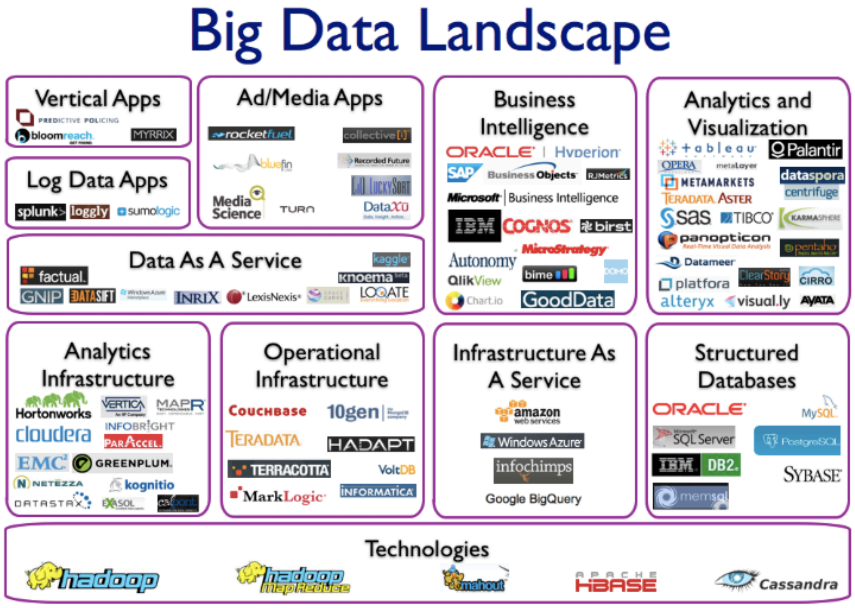
Street Art: Banksy

Street Art: Banksy



The New York Times
Magazine
WORLD | U.S. | N.Y. / REGION | BUSINESS | TECHNOLOGY | SCIENCE | HEALTH | SPORTS | OPINION

How Companies Learn Your Secrets

Antonio Bolfo/Reportage for The New York Times

By CHARLES DUHIGG
Published: February 16, 2012 | 570 Comments

Andrew Pole had just started working as a statistician for Target in 2002, when two colleagues from the marketing department stopped by his desk to ask an odd question: "If we wanted to figure out if a customer is pregnant, even if she didn't want us to know, can you do that? "

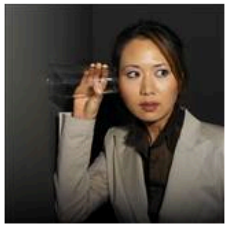
itnews
FOR AUSTRALIAN BUSINESS
News | Technology | Business | Awards | Labs | SC
Galleries | Research | Blogs | CXO Challenge | Topics | Resources | Events | Newsletter

Telstra says it's not spying on users

Powered by SC Magazine

By SC Australia Staff on Jun 21, 2012 8:37 PM
Filed under Security

0 Comments



Odd logs set alarm bells ringing.

Telstra's wireless network boffins have moved to douse online suspicion the company was surreptitiously tracking web sites visited by its mobile phone customers.

The commentary erupted on telecommunications forum Whirlpool after a user reported strange activity on their web server. They claimed a US IP address had logged the web sites seconds after they were visited by a number of Telstra handsets.

Phones from other carriers were reportedly unaffected. The rumours of unethical tracking reached fervour pitch when multiple users reported the same activity.

But in a short statement, Telstra's senior media boss Craig Middleton said the company's wireless network management assured that "there is nothing untoward in what the Whirlpool member has observed - it is a normal network operation".

Tags

telstra, mobiles, privacy

Related Articles

- Auditor puts big IT projects on notice
- Telstra offers first funding lifeline to NICTA
- US Govt prepares arrival of new online privacy strategy

It's all about YOU

These days technology has managed to create a mass market of customized individual markets - the market of one is now achievable, where each individual can be identified and targeted with products tailored to the individual's perceived needs

And much of this intelligence is gathered by observing your online activities.

And it appears that online data gathering is a widespread practice involving businesses, finance organizations, internet service providers and government agencies

Some of this intelligence gathering is explicit, while other forms are more covert.

Can we observe this activity?

The Theory

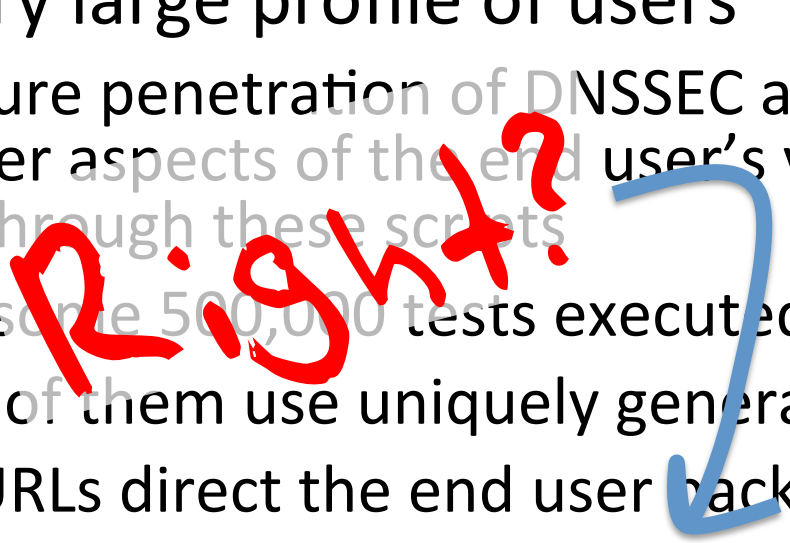
At APNIC we measurement aspects of technology deployment by using Google Ads to deliver a test script to a very large profile of users

- We measure penetration of DNSSEC and IPv6, and many other aspects of the end user's view of the Internet through these scripts
- We have some 500,000 tests executed per day
- And each of them use uniquely generated URLs
- And the URLs direct the end user back to our servers
- **So, in theory we should see each unique URL retrieved from our server exactly once**

The Theory

At APNIC we measurement aspects of technology deployment by using Google Ads to deliver a test script to a very large profile of users

- We measure penetration of DNSSEC and IPv6, and many other aspects of the end user's view of the Internet through these scripts
- We have some 500,000 tests executed per day
- And each of them use uniquely generated URLs
- And the URLs direct the end user back to our servers
- **So, in theory we should see each unique URL retrieved from our server exactly once**



Here's what we see in the web logs…

```
[22/Jan/2014:00:10:21 +0000]
   120.194.53.xxx
   "GET /1x1.png?t10000.u3697062917.s1390349413.i333.v1794.rd.td
```

Here's what we see in the web logs…

```
[22/Jan/2014:00:10:21 +0000]
   120.194.53.0
   "GET /1x1.png?t10000.u3697062917.s1390349413.i333.v1794.rd.td
```

10:21 120.194.53.0 – Origin AS = 24445

CMNET-V4HENAN-AS-AP Henan Mobile Communications Co.,Ltd

Here's what we see in the web logs…

```
[22/Jan/2014:00:10:21 +0000]
   120.194.53.0
   "GET /1x1.png?t10000.u3697062917.s1390349413.i333.v1794.rd.td
[22/Jan/2014:00:11:29 +0000]
   221.176.4.0
   "GET /1x1.png?t10000.u3697062917.s1390349413.i333.v1794.rd.td
```

Here's what we see in the web logs…

```
[22/Jan/2014:00:10:21 +0000]
   120.194.53.xxx
   "GET /1x1.png?t10000.u3697062917.s1390349413.i333.v1794.rd.td
[22/Jan/2014:00:11:29 +0000]
   221.176.4.xxx
   "GET /1x1.png?t10000.u3697062917.s1390349413.i333.v1794.rd.td
```

10:21 120.194.53.0 – Origin AS = 24445

CMNET-V4HENAN-AS-AP Henan Mobile Communications Co.,Ltd

68 seconds later -- SAME URL, different IP!

11:29 221.176.4.0 – Origin AS = 9808

CMNET-GD Guangdong Mobile Communication Co.Ltd.

Searching for Stalkers

We've combed over our collected data since the start of 2014 to see what evidence we can gather about URL stalking…

Some Stalker Numbers

In the first 248 days of 2014 we saw:

- 123,110,633 unique end-user IP addresses presented to our servers from these test scripts
- 317,309 of these end-user IP addresses presented HTTP GET strings to us that were subsequently presented to us from a different client IP address!

That's some **1 in 400*** users that seem to have attracted some kind of digital stalker!

* Or maybe a bit more, due to NATs hiding multiple end users behind a single public IP address

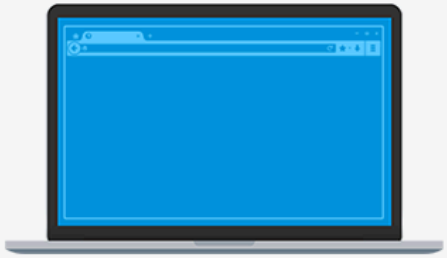
mozilla

Take the tour to see what's new »

Committed to you, your privacy and an open Web

Keep your Firefox in Sync

Access your bookmarks, passwords and more from any device.



Get started with Sync

Create an account from the menu panel

Online Privacy? Really?

It's hard to believe that today's Internet respects personal privacy when it seems that around 1 in 400 users have attracted some kind of digital stalker that tracks the URLs they visit.

Stalking Rates by Country

CC	Samples	Stalked	Rate/1,000,000	Country
IR	674	111	164,688	Iran (Islamic Republic of)
LA	28,506	2,875	100,855	Lao People's Democratic Republic
MO	38,761	2,954	76,210	Macao Special Administrative Region of China
SG	240,188	17,406	72,468	Singapore
HK	486,101	22,136	45,537	Hong Kong Special Administrative Region of China
CN	10,419,638	435,040	41,751	China
GB	872,124	28,845	33,074	United Kingdom of Great Britain and Northern Ireland
TW	1,769,367	36,823	20,811	Taiwan
JP	1,500,779	23,971	15,972	Japan
AU	293,193	4,620	15,757	Australia
US	4,491,711	53,370	11,881	United States of America
MY	1,035,434	10,214	9,864	Malaysia
AL	437,399	4,043	9,243	Albania
CA	947,922	6,244	6,587	Canada
KH	143,886	897	6,234	Cambodia
MM	16,411	97	5,910	Myanmar
MK	458,820	2,214	4,825	The former Yugoslav Republic of Macedonia
BZ	8,139	35	4,300	Belize
MN	57,622	233	4,043	Mongolia
NZ	344,951	1,385	4,015	New Zealand
CV	3,742	14	3,741	Cape Verde
ME	223,005	775	3,475	Montenegro
FJ	14,892	47	3,156	Fiji
SR	44,116	136	3,082	Suriname
AW	11,123	34	3,056	Aruba

The top 25 countries in terms of observed URL stalking rates

Counting Stalkers

- 431,749,774 unique URLs were presented back to us in this experiment, and we saw some 776,243 URLS that were presented to us more than once, from different source IP addresses
- The subsequent presentations came from 8,309 distinct source networks (/24s)

Top Stalker Subnets

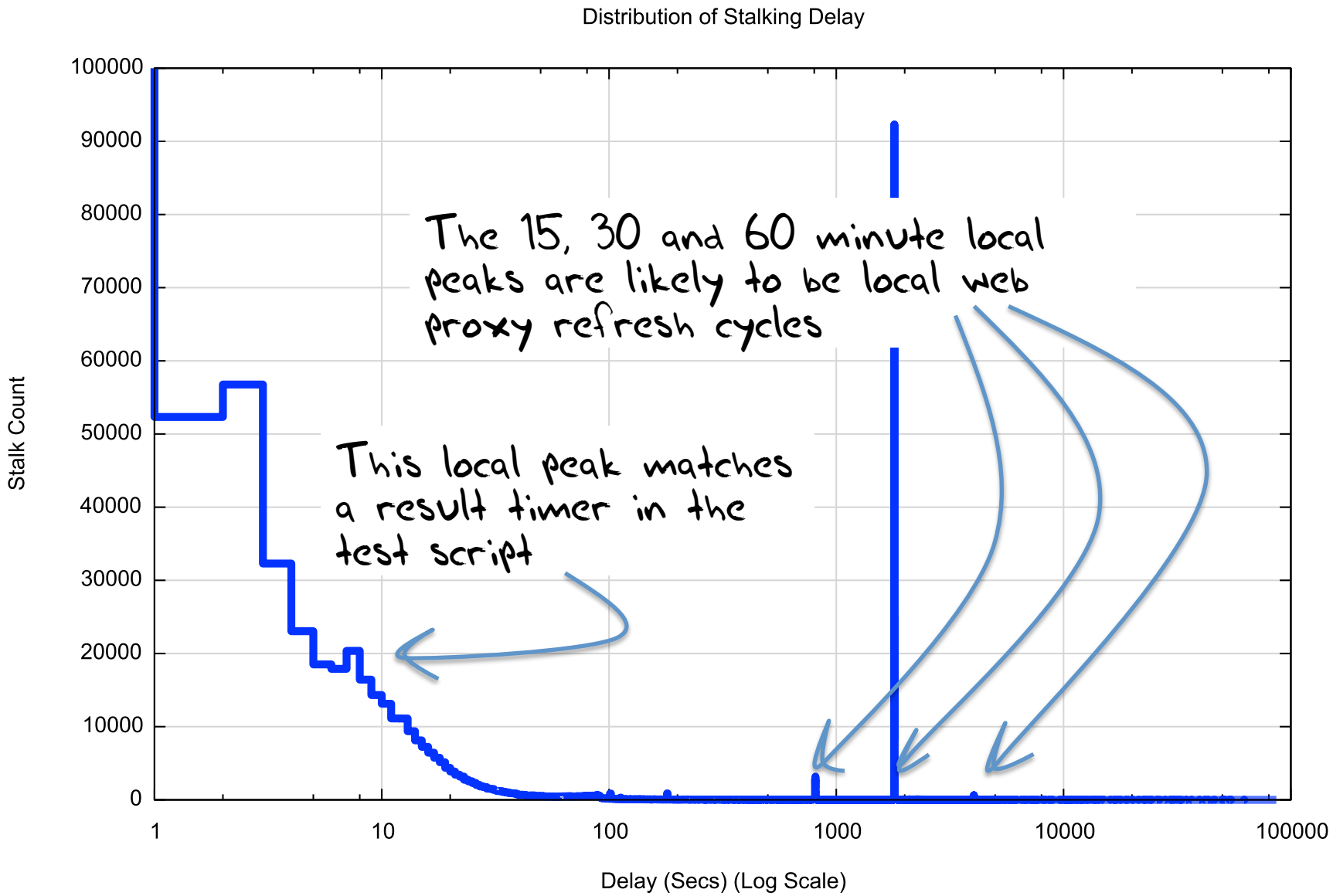
Rank	IP Net	Count	AVG Delay	AS	Description
1	119.147.146.0	339,855	122.6	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
2	101.226.33.0	53,181	1,502.2	4812	CHINANET-SH-AP China Telecom (Group),CN
3	180.153.206.0	51,592	1,528.0	4812	CHINANET-SH-AP China Telecom (Group),CN
4	112.64.235.0	33,067	1,470.8	17621	CNCGROUP-SH China Unicom Shanghai network,CN
5	180.153.214.0	32,954	1,468.4	4812	CHINANET-SH-AP China Telecom (Group),CN
6	101.226.66.0	30,863	1,499.3	4812	CHINANET-SH-AP China Telecom (Group),CN
7	180.153.163.0	23,941	1,515.0	4812	CHINANET-SH-AP China Telecom (Group),CN
8	180.153.201.0	22,673	1,562.2	4812	CHINANET-SH-AP China Telecom (Group),CN
9	101.226.89.0	19,337	1,426.4	4812	CHINANET-SH-AP China Telecom (Group),CN
10	221.176.4.0	14,019	855.7	9808	CMNET-GD Guangdong Mobile Communication Co.Ltd.,CN
11	101.226.65.0	13,604	1,519.9	4812	CHINANET-SH-AP China Telecom (Group),CN
12	101.226.51.0	10,226	1,490.8	4812	CHINANET-SH-AP China Telecom (Group),CN
13	112.65.193.0	8,619	1,555.5	17621	CNCGROUP-SH China Unicom Shanghai network,CN
14	66.249.93.0	8,306	31,355.1	15169	GOOGLE - Google Inc.,US
15	180.153.205.0	6,816	1,557.0	4812	CHINANET-SH-AP China Telecom (Group),CN
16	180.153.114.0	6,796	1,550.6	4812	CHINANET-SH-AP China Telecom (Group),CN
17	69.41.14.0	5,724	810.0	47018	CE-BGPAC - Covenant Eyes, Inc.,US
18	66.249.81.0	5,218	38,095.9	15169	GOOGLE - Google Inc.,US
19	66.249.88.0	4,817	31,119.7	15169	GOOGLE - Google Inc.,US
20	66.249.80.0	4,685	24,641.1	15169	GOOGLE - Google Inc.,US
21	222.73.77.0	4,471	1,398.5	4812	CHINANET-SH-AP China Telecom (Group),CN
22	180.153.161.0	4,352	1,470.3	4812	CHINANET-SH-AP China Telecom (Group),CN
23	180.153.211.0	4,271	1,520.9	4812	CHINANET-SH-AP China Telecom (Group),CN
24	66.249.85.0	3,774	23,607.7	15169	GOOGLE - Google Inc.,US
25	93.186.23.0	3,707	37.3	18705	RIMBLACKBERRY - Research In Motion Limited,CA

Is it me … or you?

A short delay stalking would point to local scriptware on users' browsers that feeds visited URL streams to a third party once the load script has completed

Extended stalking delays of 15, 30 and 60 minutes would indicates that there is some amount of intercepting middleware that feeds proxy web caches

Stalking Delay



Web Proxies

Could this be a variant of a web proxy or active middleware content service that is harvesting URLs off the wire?

- A strong indicator of a local proxy device is that it is located in the same AS as the end client.
- Let's filter that list of URL stalkers and look at those stalkers that use a different Origin AS from the original request
- Here's what we see…

Different Origin AS Stalkers

Rank	IP NeT	#	Avg Delay	AS	Description
1	119.147.146.0	255,121	128.1	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
2	101.226.33.0	50,257	1,543.3	4812	CHINANET-SH-AP China Telecom (Group),CN
3	180.153.206.0	48,808	1,574.6	4812	CHINANET-SH-AP China Telecom (Group),CN
4	112.64.235.0	32,800	1,507.1	17621	CNCGROUP-SH China Unicom Shanghai network,CN
5	180.153.214.0	31,225	1,519.5	4812	CHINANET-SH-AP China Telecom (Group),CN
6	101.226.66.0	29,188	1,548.2	4812	CHINANET-SH-AP China Telecom (Group),CN
7	180.153.163.0	22,666	1,558.8	4812	CHINANET-SH-AP China Telecom (Group),CN
8	180.153.201.0	21,470	1,609.0	4812	CHINANET-SH-AP China Telecom (Group),CN
9	101.226.89.0	18,233	1,613.2	4812	CHINANET-SH-AP China Telecom (Group),CN
10	101.226.65.0	12,889	1,573.4	4812	CHINANET-SH-AP China Telecom (Group),CN
11	101.226.51.0	9,640	1,542.9	4812	CHINANET-SH-AP China Telecom (Group),CN
12	112.65.193.0	8,531	1,588.3	17621	CNCGROUP-SH China Unicom Shanghai network,CN
13	221.176.4.0	8,324	749.6	9808	CMNET-GD Guangdong Mobile Communication Co.Ltd.,CN
14	180.153.205.0	6,432	1,597.0	4812	CHINANET-SH-AP China Telecom (Group),CN
15	180.153.114.0	6,431	1,591.4	4812	CHINANET-SH-AP China Telecom (Group),CN
16	69.41.14.0	5,685	825.7	47018	CE-BGPAC - Covenant Eyes, Inc.,US
17	222.73.77.0	4,190	1,442.7	4812	CHINANET-SH-AP China Telecom (Group),CN
18	180.153.161.0	4,120	1,524.6	4812	CHINANET-SH-AP China Telecom (Group),CN
19	180.153.211.0	4,064	1,566.9	4812	CHINANET-SH-AP China Telecom (Group),CN
20	223.27.200.0	2,740	1.8	45796	BBCONNECT-TH-AS-AP BB Connect Co., Ltd.,TH
21	60.190.138.0	2,341	3,600.2	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
22	64.125.188.0	2,286	1,517.2	6461	ABOVENET - Abovenet Communications, Inc,US
23	222.73.76.0	2,144	1,595.6	4812	CHINANET-SH-AP China Telecom (Group),CN
24	101.226.102.0	2,022	1,554.1	4812	CHINANET-SH-AP China Telecom (Group),CN
25	180.153.212.0	2,003	1,450.5	4812	CHINANET-SH-AP China Telecom (Group),CN

Maybe it's ISP and/or National Infrastructure

- We've all heard about the Great Firewall of China
  - And other countries may be doing similar things
- Possibly this URL stalking is the result of some form of ISP or national content cache program

- Let's filter this list further by using geo-location information to find those cases where the original end client's IP address and the stalker's IP address locate to different countries

Different Country Stalkers

Rank	IP Net	#	AVG Delay	AS	Description
1	119.147.146.0	205,033	130.7	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
2	101.226.33.0	6,198	1,576.1	4812	CHINANET-SH-AP China Telecom (Group),CN
3	180.153.206.0	6,120	1,608.3	4812	CHINANET-SH-AP China Telecom (Group),CN
4	180.153.214.0	3,827	1,561.0	4812	CHINANET-SH-AP China Telecom (Group),CN
5	112.64.235.0	3,819	1,544.9	17621	CNCGROUP-SH China Unicom Shanghai network,CN
6	101.226.66.0	3,603	1,577.3	4812	CHINANET-SH-AP China Telecom (Group),CN
7	180.153.163.0	2,742	1,540.1	4812	CHINANET-SH-AP China Telecom (Group),CN
8	223.27.200.0	2,740	1.8	45796	BBCONNECT-TH-AS-AP BB Connect Co., Ltd.,TH
9	101.226.89.0	2,658	2,230.2	4812	CHINANET-SH-AP China Telecom (Group),CN
10	180.153.201.0	2,628	1,549.4	4812	CHINANET-SH-AP China Telecom (Group),CN
11	101.226.65.0	1,528	1,573.3	4812	CHINANET-SH-AP China Telecom (Group),CN
12	69.41.14.0	1,243	1,127.4	47018	CE-BGPAC - Covenant Eyes, Inc.,US
13	101.226.51.0	1,195	1,627.6	4812	CHINANET-SH-AP China Telecom (Group),CN
14	112.65.193.0	1,038	1,623.9	17621	CNCGROUP-SH China Unicom Shanghai network,CN
15	64.124.98.0	906	1,288.9	6461	ABOVENET - Abovenet Communications, Inc,US
16	180.153.114.0	819	1,632.6	4812	CHINANET-SH-AP China Telecom (Group),CN
17	180.153.205.0	765	1,497.7	4812	CHINANET-SH-AP China Telecom (Group),CN
18	208.184.77.0	649	1,419.5	6461	ABOVENET - Abovenet Communications, Inc,US
19	222.73.77.0	535	1,373.8	4812	CHINANET-SH-AP China Telecom (Group),CN
20	180.153.211.0	517	1,450.6	4812	CHINANET-SH-AP China Telecom (Group),CN
21	180.153.161.0	504	1,675.7	4812	CHINANET-SH-AP China Telecom (Group),CN
22	183.60.153.0	262	451.3	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
23	222.73.76.0	255	1,512.7	4812	CHINANET-SH-AP China Telecom (Group),CN
24	101.226.102.0	235	2,012.7	4812	CHINANET-SH-AP China Telecom (Group),CN
25	208.80.194.0	227	10,731.5	13448	WEBSENSE - Websense, Inc,US

Different Country Stalkers

Rank	IP Net	#	AVG Delay	AS	Description
1	119.147.146.0	205,033	130.7	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
2	101.226.33.0	6,198	1,576.1	4812	CHINANET-SH-AP China Telecom (Group),CN
3	180.153.206.0	6,120	1,608.3	4812	CHINANET-SH-AP China Telecom (Group),CN

WIKIPEDIA
The Free Encyclopedia

Article Talk Read Edit V

Smoking gun

From Wikipedia, the free encyclopedia

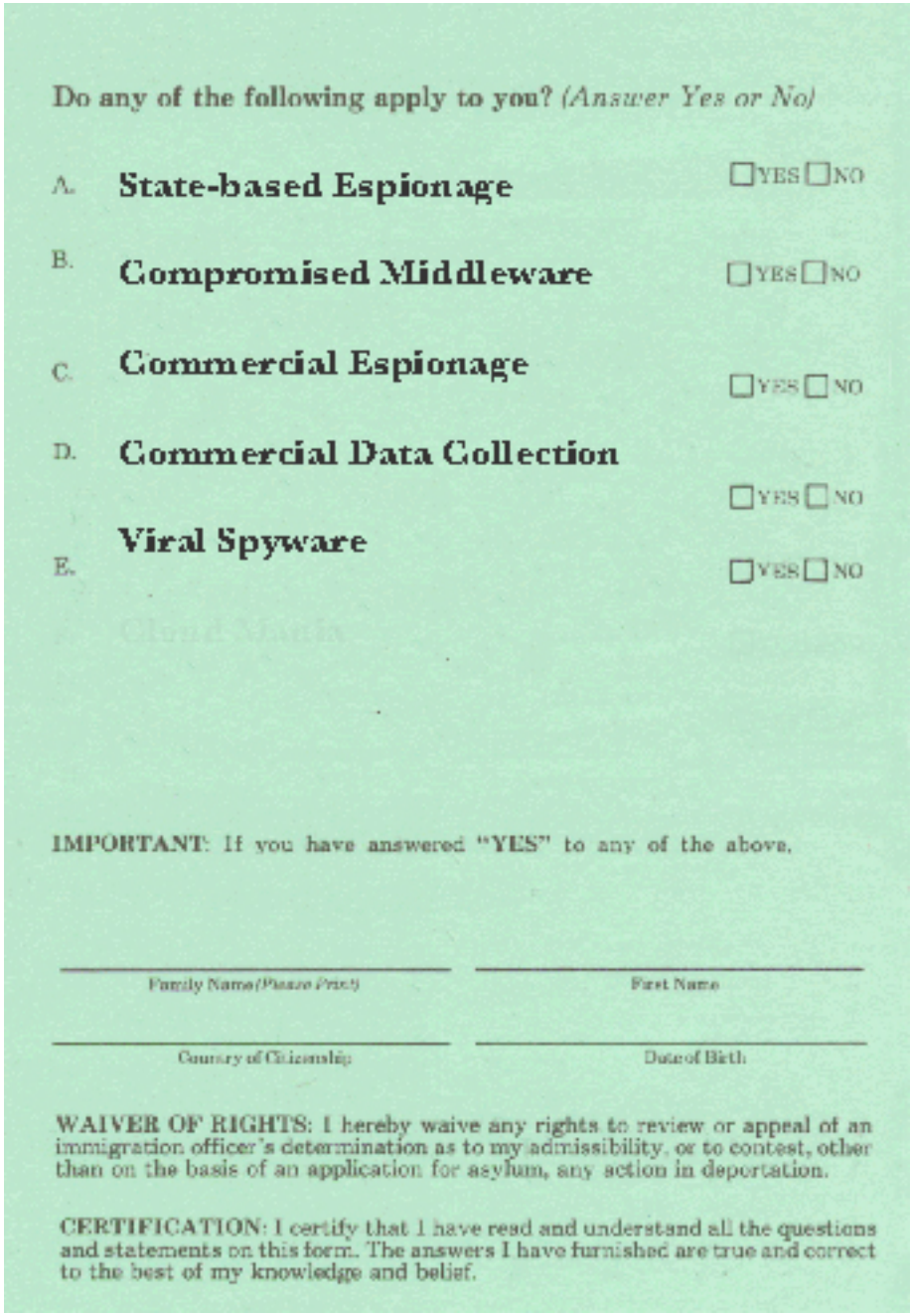
For other uses, see Smoking Gun.

The term "**smoking gun**" was originally, and is still primarily, a reference to an object or fact that serves as addition to this, its meaning has evolved in uses completely unrelated to criminal activity: for example, scie a particular hypothesis is sometimes called smoking gun evidence. Its name originally came from the idea on the person of a suspect wanted for shooting someone, which in that situation would be nearly unshaka evidence that falls just short of being conclusive is sometimes referred to as a "smoldering gun."

Main page
Contents
Featured content
Current events
Random article
Donate to Wikipedia

21	180.153.161.0	504	1,675.7	4812	CHINANET-SH-AP China Telecom (Group),CN
22	183.60.153.0	262	451.3	4134	CHINANET-BACKBONE No.31,Jin-rong Street,CN
23	222.73.76.0	255	1,512.7	4812	CHINANET-SH-AP China Telecom (Group),CN
24	101.226.102.0	235	2,012.7	4812	CHINANET-SH-AP China Telecom (Group),CN
25	208.80.194.0	227	10,731.5	13448	WEBSENSE - Websense, Inc,US

What are we seeing here?



Do any of the following apply to you? *(Answer Yes or No)*

A. **State-based Espionage** ☐YES ☐NO

B. **Compromised Middleware** ☐YES ☐NO

C. **Commercial Espionage** ☐YES ☐NO

D. **Commercial Data Collection** ☐YES ☐NO

E. **Viral Spyware** ☐YES ☐NO

IMPORTANT: If you have answered "YES" to any of the above,

Family Name *(Please Print)* | First Name

Country of Citizenship | Date of Birth

WAIVER OF RIGHTS: I hereby waive any rights to review or appeal of an immigration officer's determination as to my admissibility, or to contest, other than on the basis of an application for asylum, any action in deportation.

CERTIFICATION: I certify that I have read and understand all the questions and statements on this form. The answers I have furnished are true and correct to the best of my knowledge and belief.

Street Art: Banksy

Where are the Stalked?

CC	Stalk Count	Country
AD	2	Andorra
AE	434	United Arab Emirates
AF	2	Afghanistan
AG	20	Antigua and Barbuda
AL	4032	Albania
AM	161	Armenia
AO	12	Angola
AR	734	Argentina
AT	154	Austria
AU	3463	Australia
AW	15	Aruba
AZ	96	Azerbaijan
BA	969	Bosnia and Herzegovina
BB	40	Barbados
BD	128	Bangladesh
BE	199	Belgium
BF	5	Burkina Faso
BG	2544	Bulgaria
BH	77	Bahrain
BJ	11	Benin
BN	20	Brunei Darussalam
BO	44	Bolivia
BR	995	Brazil
BS	5	Bahamas
BT	4	Bhutan
BW	10	Botswana
BY	58	Belarus
BZ	16	Belize
CA	3164	Canada
CD	5	DR Congo
CG	3	Congo
CH	125	Switzerland
CI	30	Cote d'Ivoire
CL	228	Chile
CM	9	Cameroon
CN	136402	China
CO	945	Colombia
CR	38	Costa Rica
CV	10	Cape Verde
CY	217	Cyprus
CZ	162	Czech Republic
DE	867	Germany
DJ	1	Djibouti
DK	73	Denmark
DO	109	Dominican Republic
DZ	2288	Algeria
EC	232	Ecuador
EE	58	Estonia
EG	1216	Egypt
ES	557	Spain
ET	9	Ethiopia
EU	8	European Union
FI	121	Finland
FJ	25	Fiji
FR	1124	France
GA	7	Gabon
GB	16056	United Kingdom
GE	200	Georgia
GF	1	French Guiana
GH	54	Ghana
GL	4	Greenland
GN	1	Guinea
GQ	10	Equatorial Guinea
GR	965	Greece
GT	18	Guatemala
GU	49	Guam
GY	17	Guyana
HK	17105	Hong Kong
HN	65	Honduras
HR	191	Croatia
HT	6	Haiti
HU	847	Hungary
ID	2103	Indonesia
IE	138	Ireland
IL	548	Israel
IN	1162	India
IQ	1089	Iraq
IR	103	Iran (Islamic Republic of)
IT	958	Italy
JM	54	Jamaica
JO	94	Jordan
JP	23174	Japan
KE	45	Kenya
KG	31	Kyrgyzstan
KH	712	Cambodia
KR	701	Republic of Korea
KW	55	Kuwait
KZ	1048	Kazakhstan
LA	95	Lao People's Democratic Republic
LB	25	Lebanon

Where are the Stalked?

LK	110	Sri Lanka
LR	2	Liberia
LT	302	Lithuania
LU	10	Luxembourg
LV	84	Latvia
LY	52	Libya
MA	3111	Morocco
MD	103	Republic of Moldova
ME	762	Montenegro
MG	14	Madagascar
MK	2210	FYR Macedonia
ML	11	Mali
MM	62	Myanmar
MN	134	Mongolia
MO	2323	Macao
MP	192	Northern Mariana Islands
MR	14	Mauritania
MT	110	Malta
MU	66	Mauritius
MW	2	Malawi
MX	1928	Mexico
MY	9077	Malaysia
MZ	6	Mozambique
NA	11	Namibia
NC	10	New Caledonia
NE	7	Niger
NG	43	Nigeria
NI	19	Nicaragua
NL	334	Netherlands
NO	55	Norway
NP	138	Nepal
NZ	1012	New Zealand
OM	59	Oman
PA	151	Panama
PE	832	Peru
PG	4	Papua New Guinea
PH	3281	Philippines
PK	1126	Pakistan
PL	4114	Poland
PM	2	Saint Pierre and Miquelon
PR	58	Puerto Rico
PS	379	Occupied Palestinian Territory
PT	233	Portugal
PY	36	Paraguay
QA	207	Qatar
RO	2990	Romania
RS	2672	Serbia
RU	811	Russian Federation
RW	9	Rwanda
SA	685	Saudi Arabia
SD	22	Sudan
SE	135	Sweden
SG	16350	Singapore
SI	293	Slovenia
SK	95	Slovakia
SM	1	San Marino
SN	74	Senegal
SR	114	Suriname
ST	10	Sao Tome and Principe
SV	45	El Salvador
SY	22	Syrian Arab Republic
TG	6	Togo
TH	4529	Thailand
TJ	10	Tajikistan
TN	356	Tunisia
TR	3465	Turkey
TT	48	Trinidad and Tobago
TW	29247	Taiwan
TZ	14	Tanzania
UA	486	Ukraine
UG	16	Uganda
US	8524	United States of America
UY	62	Uruguay
VE	400	Venezuela
VN	9191	Vietnam
VU	1	Vanuatu
WS	2	Samoa
YE	55	Yemen
ZA	91	South Africa
ZM	4	Zambia
ZW	7	Zimbabwe

Where are the Stalked?

- This is an impressive list of countries
  - Which says a lot about the ubiquity of Google Ads!
  - But it also says a lot about the reach of the particular stalking activity we are seeing here
- Is this list skewed towards any particular country?

Where are the stalked?

CN	136402	China
TW	29247	Taiwan
JP	23174	Japan
HK	17105	Hong Kong Special Administrative Region of China
SG	16350	Singapore
GB	16056	United Kingdom of Great Britain and Northern Ireland
VN	9191	Vietnam
MY	9077	Malaysia
US	8524	United States of America
TH	4529	Thailand
PL	4114	Poland
AL	4032	Albania
TR	3465	Turkey
AU	3463	Australia
PH	3281	Philippines
CA	3164	Canada
MA	3111	Morocco
RO	2990	Romania
RS	2672	Serbia
BG	2544	Bulgaria
MO	2323	Macao Special Administrative Region of China
DZ	2288	Algeria
MK	2210	The former Yugoslav Republic of Macedonia
ID	2103	Indonesia
MX	1928	Mexico

This is the top 25 countries where we have observed end systems that appear to have attracted this particular stalker

Where are the stalked?

CC	Stalked	URLs	Rate/100000	Country
MO	2,323	131,601	1,765	Macao
HK	17,105	1,949,495	877	Hong Kong
MP	192	24,549	782	Northern Mariana Islands
CN	136,402	23,949,516	569	China
ST	10	2,081	480	Sao Tome and Principe
TW	29,247	6,176,517	473	Taiwan
JP	23,174	5,165,103	448	Japan
GQ	10	4,039	247	Equatorial Guinea
AL	4,032	1,674,691	240	Albania
GL	4	1,746	229	Greenland
MY	9,077	3,979,009	228	Malaysia
MK	2,210	1,121,630	197	The former Yugoslav Republic of Macedonia
SG	16,350	9,452,589	172	Singapore
KH	712	417,028	170	Cambodia
NE	7	4,913	142	Niger
ME	762	589,540	129	Montenegro
WS	2	1,635	122	Samoa
IR	103	86,224	119	Iran (Islamic Republic of)
LA	95	87,071	109	Lao People's Democratic Republic
SR	114	119,539	95	Suriname
CA	3,164	3,550,951	89	Canada
MA	3,111	3,779,870	82	Morocco
PG	4	4,901	81	Papua New Guinea
BJ	11	13,459	81	Benin
GB	16,056	20,069,870	80	United Kingdom of Great Britain and Northern Ireland

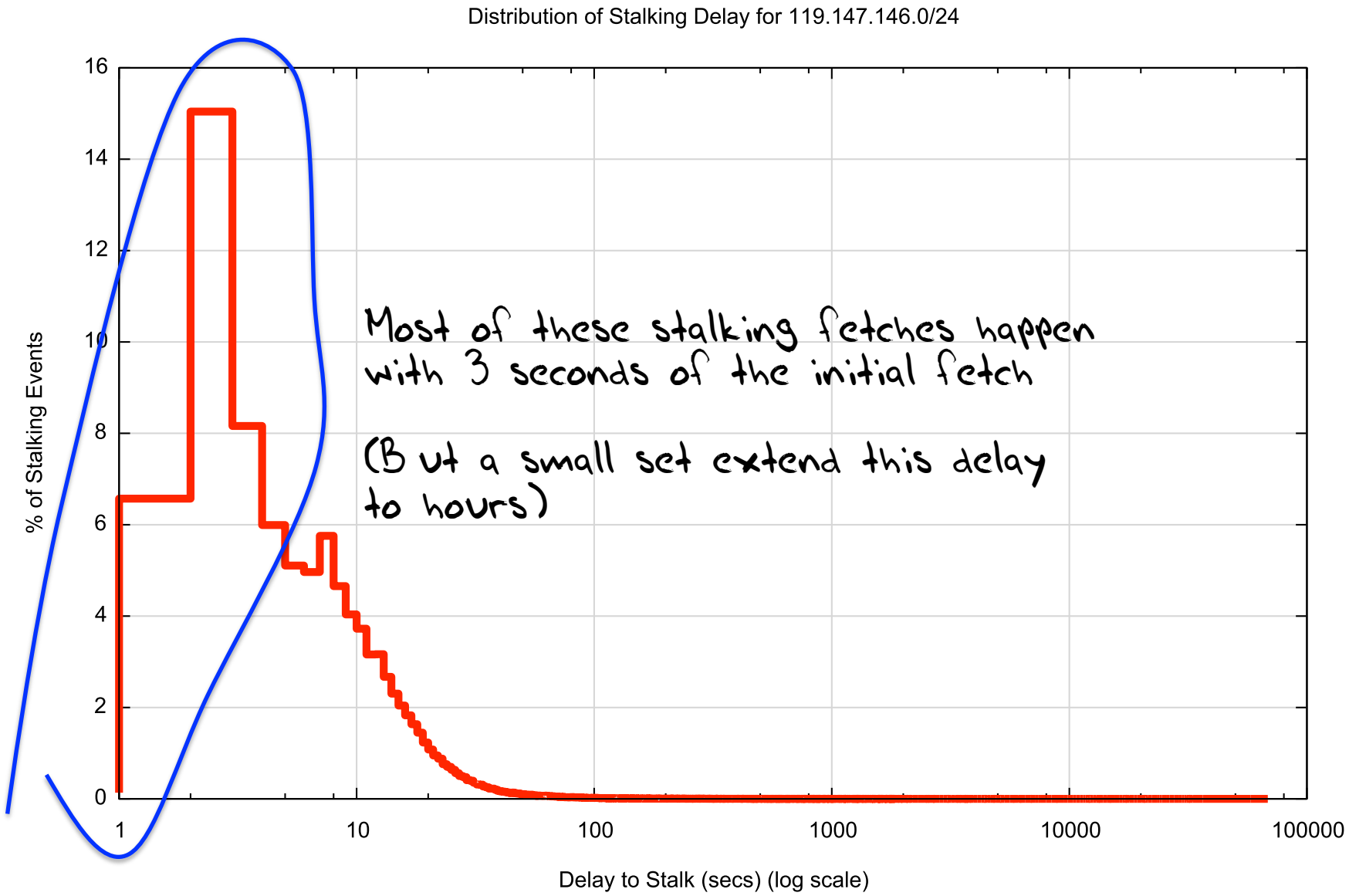
This is the top 25 countries with the highest relative rate of stalking from this particular stalker

Stalking Delay Distribution

Is this stalking instant, or delayed?

- The average interval between the initial URL fetch and the second fetch from this net is 74 seconds. What's the distribution in delay times?

Distribution of Stalking Delay

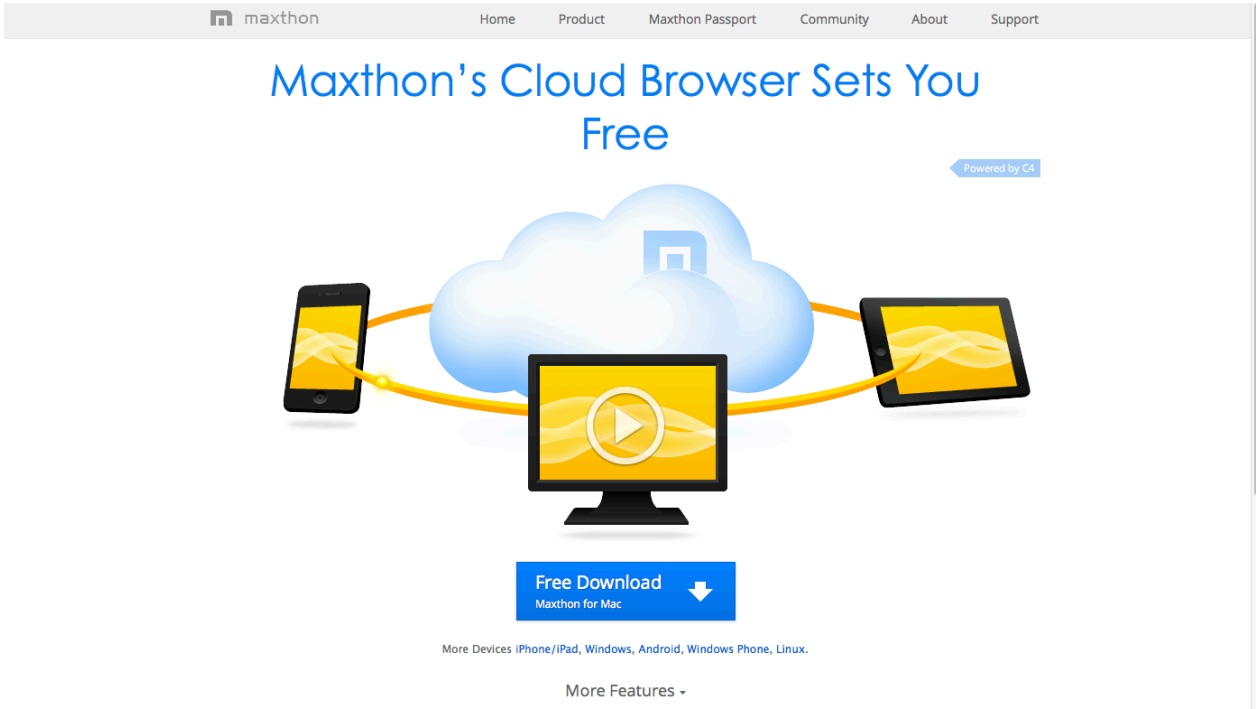


User Agent strings

- What User Agent string is used by the stalker?
- What User Agent strings are used by the stalked?

The Stalker's User Agent String

Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; .NET CLR 2.0.50727; MAXTHON 2.0)



Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
4,641 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
3,382 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
3,265 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:26.0) Gecko/20100101 Firefox/26.0
3,084 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
2,915 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.76 Safari/537.36
2,813 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
2,813 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:27.0) Gecko/20100101 Firefox/27.0
2,765 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.1 (KHTML, like Gecko) Chrome/21.0.1180.89 Safari/537.1
2,653 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.117 Safari/537.36
2,651 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.131 Safari/537.36
2,416 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.116 Safari/537.36
2,238 Mozilla/5.0 (Windows NT 6.1; rv:26.0) Gecko/20100101 Firefox/26.0
2,222 Mozilla/5.0 (Windows NT 5.1; rv:26.0) Gecko/20100101 Firefox/26.0
2,142 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
2,043 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:28.0) Gecko/20100101 Firefox/28.0
2,028 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
1,965 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.76 Safari/537.36
1,876 Mozilla/5.0 (Windows NT 6.1; rv:27.0) Gecko/20100101 Firefox/27.0
1,846 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.131 Safari/537.36
1,813 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.102 Safari/537.36

Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
4,641 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
3,382 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
3,265 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:26.0) Gecko/20100101 Firefox/26.0
3,084 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML
2,915 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537
2,813 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML
2,813 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:27.0) Gecko/20
2,765 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537
2,653 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.117 Safari/537.36
2,651 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.131 Safari/537.36
2,416 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.116 Safari/537.36
2,238 Mozilla/5.0 (Windows NT 6.1; rv:26.0) Gecko/20100101 Firefox/26.0
2,222 Mozilla/5.0 (Windows NT 5.1; rv:26.0) Gecko/20100101 Firefox/26.0
2,142 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
2,043 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:28.0) Gecko/20100101 Firefox/28.0
2,028 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
1,965 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.76 Safari/537.36
1,876 Mozilla/5.0 (Windows NT 6.1; rv:27.0) Gecko/20100101 Firefox/27.0
1,846 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.131 Safari/537.36
1,813 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.102 Safari/537.36

Many of the stalked end systems appear to be using Windows OS platforms!

Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
4,641 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
3,382 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
3,265 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:26.0) Gecko/20100101 Firefox/26.0
[illegible]Chrome/32.0.1700.107 Safari/537.36
[illegible]Gecko) Chrome/32.0.1700.76 Safari/537.36
[illegible]Chrome/33.0.1750.154 Safari/537.36
[illegible]/27.0
2,765 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.1 (KHTML, like Gecko) Chrome/21.0.1180.89 Safari/537.1
2,653 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.117 Safari/537.36
2,651 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.131 Safari/537.36
2,416 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.116 Safari/537.36
2,238 Mozilla/5.0 (Windows NT 6.1; rv:26.0) Gecko/20100101 Firefox/26.0
2,222 Mozilla/5.0 (Windows NT 5.1; rv:26.0) Gecko/20100101 Firefox/26.0
2,142 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
2,043 Mozilla/5.0 (Windows NT 6.1; WOW64; rv:28.0) Gecko/20100101 Firefox/28.0
2,028 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/31.0.1650.63 Safari/537.36
1,965 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.76 Safari/537.36
1,876 Mozilla/5.0 (Windows NT 6.1; rv:27.0) Gecko/20100101 Firefox/27.0
1,846 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/34.0.1847.131 Safari/537.36
1,813 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.102 Safari/537.36

Many of the stalked users browser appears to be Chrome!

Chrome/Windows Virus?

Are we seeing some viral spyware virus in Chrome & Windows?

Chrome/Windows Virus?

Are we seeing some viral spyware virus in Chrome & Windows?

I don’t think that’s the case

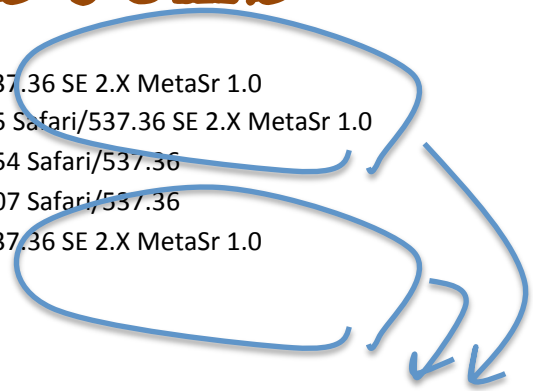
Let’s look at those browser User Agent strings again…

Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0

Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0



User Agent = “MetaSR”

Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0

User Agent = “MetaSR”

Sogou Explorer 2.X

Sogou

From Wikipedia, the free encyclopedia

For the Japanese department store, see Sogo.

Sogou, Inc. is a subsidiary of Sohu.com, Inc. founded on 9 August 2010. It is the owner and developer of **Sogou** (Chinese: 搜狗; pinyin: *Sōugǒu*; literally: "Search dog") search engine, Sogou Input and Sogou browser.

Contents [show]

Products [edit]

Search engine and web applications [edit]

Sogou search engine (Sogou.com) was launched on 3 August 2004.

Sogou's web application products are designed to classify on-line information, such as music, picture, video clip, news, map and vertical information.

Sogou Input [edit]

Main article: Sogou Pinyin

Initially released in 2006, Sogou Pinyin is the most popular Chinese input software in China. It makes use of its search engine techniques which are the analysis and categorization of the most popular words or phrases on the Internet.

Sogou browser [edit]

Started in December 2008, Sogou browser adopts a "dual-core" (Google Chrome's WebKit and Internet Explorer's Trident layout engines) techniques and it connects to the cloud to recognize malicious websites and software.

Investment [edit]

On 17 September 2013, it was announced that Tencent has invested $448 million for a minority share in Chinese search engine Sogou.com, the subsidiary of Sohu, Inc.[2]

Sogou, Inc.
搜狗公司

Type	Public company, subsidiary
Founded	9 August 2010; 3 years ago
Headquarters	Beijing, China
Industry	Internet
Website	Sogou.com

Sogou
搜狗

Website screenshot [show]

Web address	www.sogou.com
Commercial?	yes
Available language(s)	Chinese
Users	400 million
Owner	Sogou, Inc. (subsidiary of Sohu, Inc.)
Launched	4 August 2004; 9 years ago
Alexa rank	▲ 137 (April 2014)[1]
Current status	Active

Top 25 User Agent Strings of the stalked systems

6,068 Mozilla/5.0 (Windows NT 5.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,458 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0
5,389 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/33.0.1750.154 Safari/537.36
5,029 Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/32.0.1700.107 Safari/537.36
4,669 Mozilla/5.0 (Windows NT 6.1) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/28.0.1500.95 Safari/537.36 SE 2.X MetaSr 1.0

User Agent = "MetaSR"

Sogou Explorer 2.X

Sogou

From Wikipedia, the free encyclopedia

For the Japanese department store, see Sogo.

Sogou, Inc. is a subsidiary of Sohu.com, Inc. founded on 9 August 2010. It is the owner and developer of **Sogou** (Chinese: 搜狗; pinyin: *Sōugǒu*; literally: "Search dog") search engine, Sogou Input and Sogou browser.

Contents [show]

Products [edit]

Search engine and web applications [edit]

Sogou search engine (Sogou.com) was launched on 3 August 2004.

Sogou's web application products are designed to classify on-line information, such as music, picture, video clip, news, map and vertical information.

Sogou Input [edit]

Main article: Sogou Pinyin

Initially released in 2006, Sogou Pinyin is the most popular Chinese input software in China. It makes use of its search engine techniques which are the analysis and categorization of the most popular words or phrases on the Internet.

Sogou browser [edit]

Started in December 2008, Sogou browser adopts a "dual-core" (Google Chrome's WebKit and Internet Explorer's Trident layout engines) techniques and it connects to the cloud to recognize malicious websites and software.

Investment [edit]

On 17 September 2013, it was announced that Tencent has invested $448 million for a minority share in Chinese search engine Sogou.com, the subsidiary of Sohu, Inc.[2]

Sogou, Inc.
搜狗公司

Type	Public company, subsidiary
Founded	9 August 2010; 3 years ago
Headquarters	Beijing, China
Industry	Internet
Website	Sogou.com

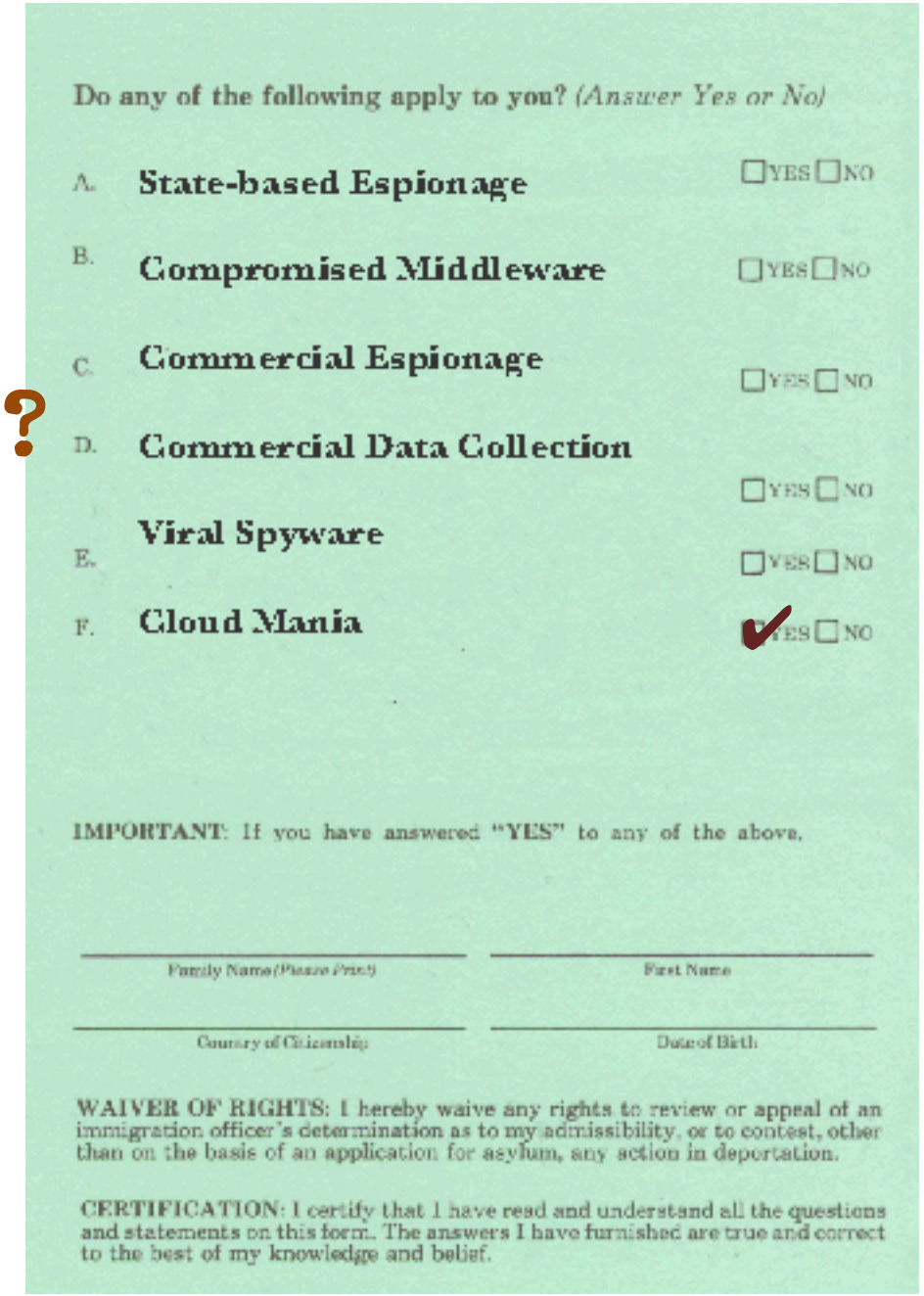
Sogou
搜狗

Website screenshot [show]

Web address	www.sogou.com
Commercial?	yes
Available language(s)	Chinese
Users	400 million
Owner	Sogou, Inc. (subsidiary of Sohu, Inc.)
Launched	4 August 2004; 9 years ago
Alexa rank	▲ 137 (April 2014)[1]
Current status	Active

"It connects to the cloud to recognize malicious websites and software"

What are we seeing for stalking from 119.147.146.0/24?



Do any of the following apply to you? *(Answer Yes or No)*

A. **State-based Espionage** ☐YES ☐NO

B. **Compromised Middleware** ☐YES ☐NO

C. **Commercial Espionage** ☐YES ☐NO

D. **Commercial Data Collection** ☐YES ☐NO

E. **Viral Spyware** ☐YES ☐NO

F. **Cloud Mania** ✔YES ☐NO

IMPORTANT: If you have answered "YES" to any of the above,

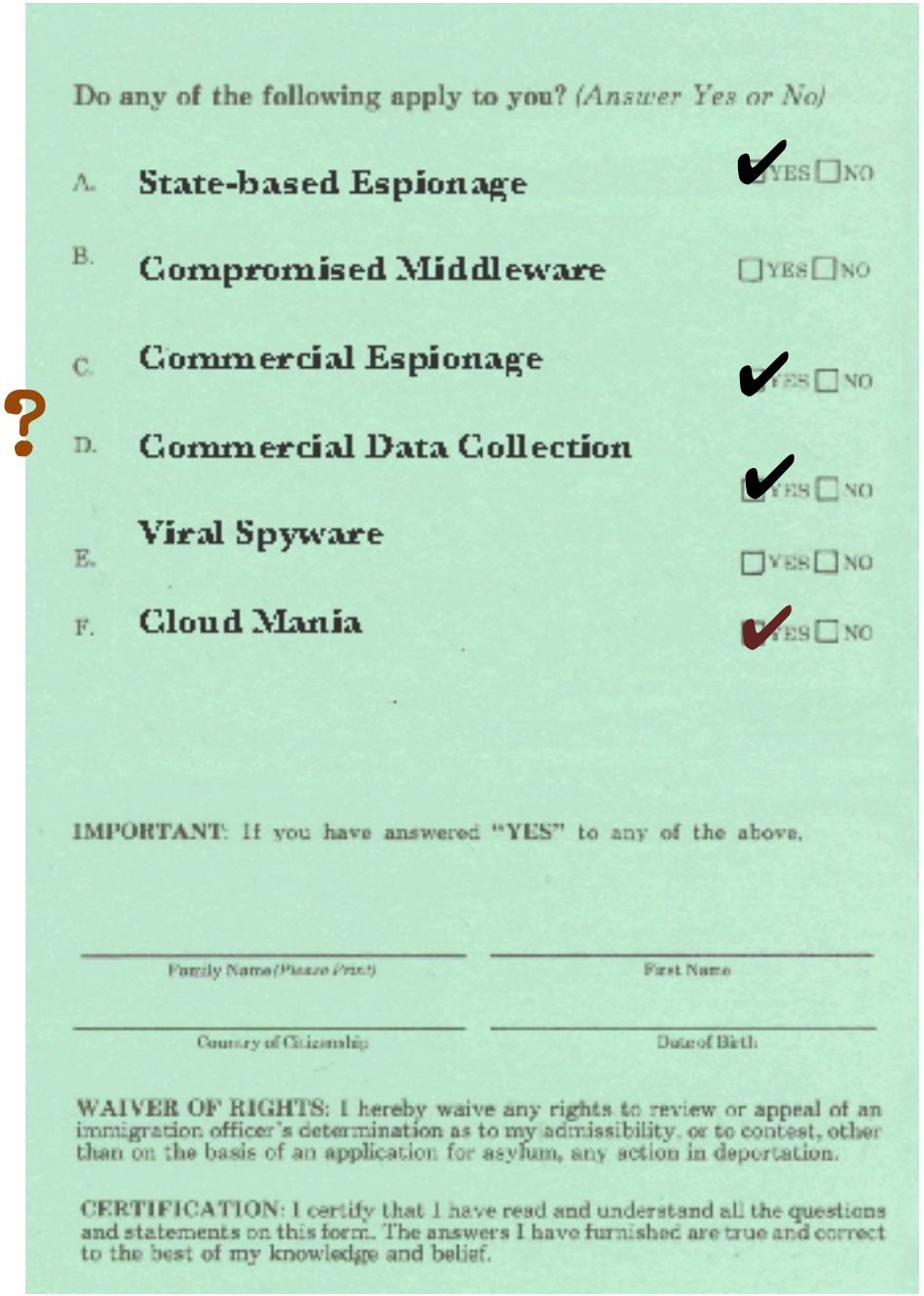
Family Name *(Please Print)* | First Name

Country of Citizenship | Date of Birth

WAIVER OF RIGHTS: I hereby waive any rights to review or appeal of an immigration officer's determination as to my admissibility, or to contest, other than on the basis of an application for asylum, any action in deportation.

CERTIFICATION: I certify that I have read and understand all the questions and statements on this form. The answers I have furnished are true and correct to the best of my knowledge and belief.

What are we seeing for stalking from 119.147.146.0/24?



Do any of the following apply to you? *(Answer Yes or No)*

A. **State-based Espionage** ☑ YES ☐ NO

B. **Compromised Middleware** ☐ YES ☐ NO

C. **Commercial Espionage** ☑ YES ☐ NO

D. **Commercial Data Collection** ☑ YES ☐ NO

E. **Viral Spyware** ☐ YES ☐ NO

F. **Cloud Mania** ☑ YES ☐ NO

IMPORTANT: If you have answered "YES" to any of the above,

Family Name *(Please Print)* | First Name

Country of Citizenship | Date of Birth

WAIVER OF RIGHTS: I hereby waive any rights to review or appeal of an immigration officer's determination as to my admissibility, or to contest, other than on the basis of an application for asylum, any action in deportation.

CERTIFICATION: I certify that I have read and understand all the questions and statements on this form. The answers I have furnished are true and correct to the best of my knowledge and belief.

This data set is just a tiny glimpse into the overall pattern of web activity

What’s happening in the larger world of various forms of tracking users’ behaviour on the Internet?

In today's Internet users' browsing history is being siphoned off to third parties as a commonplace activity.

Who gets to see this data of user browsing behaviour? Within which national regime? Within which constraints of privacy?

Is this form of digital stalking something that we are comfortable with?

Or are we even aware that it is happening at all?

Thanks to:

George Michaelson and Byron Ellacot of APNIC for developing the Ad Measurement Experiment

Warren Kumari, of Google, who spent some time looking through user agent strings to identify a pointer to the Sogou browser in the collected data.

Thanks!

Street Art: Banksy