

PhishTank Annual Report  
October 2006 – September 2007



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## Overview

The PhishTank Annual Report is an analysis of data about verified phishing Web sites submitted to PhishTank. This report includes data from October 1, 2006 to September 30, 2007. Data included in the Annual Report is collected and presented the same way PhishTank collects and presents monthly statistics.

### Working definition of phishing:

Phishing is a fraudulent attempt, usually made through email, to steal personal information. Phishing emails usually appear to come from a well-known organization and ask for personal information — such as credit card number, social security number, account number or password. Often times phishing attempts appear to come from sites, services and companies with which one do not have an account.

In order for Internet criminals to successfully "phish" personal information, they must get an individual to navigate from an email to a website. Phishing emails will almost always instruct to click a link that takes one to a site where personal information is requested. Legitimate organizations would never request this information via email.

### About PhishTank:

Launched in October 2006 to coincide with National Cyber Security Awareness Month, PhishTank is the world's only collaborative clearinghouse for phishing data. PhishTank employs a sophisticated voting system that requires the community to vote "phish" or "not phish," reducing the possibility of false positives and improving the data's overall breadth and coverage. PhishTank makes all phishing data it accumulates public and available via programmable APIs, which allow other software developers to incorporate anti-phishing elements into their tools. The open access is intended to encourage the sharing of information and increase the chance of eliminating phishing all together. For more information about PhishTank, please visit: [www.phishtank.com](http://www.phishtank.com)

### Note to press:

If there is specific data you wish to obtain, not presented in this report, please feel free to contact Allison Rhodes at OpenDNS to make a request: [allison@opendns.com](mailto:allison@opendns.com)

## Most Spoofed Brands, with Number of Verified Phishes Spoofing that Brand

1.	PayPal	31,719
2.	eBay, Inc.	31,718
3.	Barclays Bank PLC	6,515
4.	Bank of America Corporation	5,727
5.	Fifth Third Bank	4,191
6.	JPMorgan Chase and Co.	1,981
7.	Wells Fargo	1,643
8.	Volksbanken Raiffeisenbanken	1,341
9.	Branch Banking and Trust Company	824
10.	Regions Bank	774
11.	Wachovia	652
12.	HSBC Group	529
13.	National City	509
14.	Amazon.com	494
15.	Poste Italiane	447
16.	Citibank	429
17.	US Bank	392
18.	Capital One	333
19.	HSBC	307
20.	Western Union	297
21.	e-gold	251
22.	NatWest Bank	224
23.	Citizens Bank	221
24.	Internal Revenue Service	199
25.	Washington Mutual	159
26.	Downey Savings	146
27.	Key Bank	145
28.	Royal Bank of Canada	143
29.	Bank of the West	83
30.	TD Canada Trust	75
31.	WalMart	48
32.	Independent Bank Corp	48
33.	Westpac	43
34.	BMO Financial	40
35.	Marshall & Ilsley Bank	35
36.	Alliance Bank	34
37.	Royal Bank of Scotland	23
38.	CIBC	20
39.	Bendigo Bank	18
40.	Compass Bank	18
41.	Amarillio National Bank	17
42.	Associated Bank	16
43.	Charter One Bank	16
44.	People's Bank	14
45.	Comerica Bank	13
46.	TD Ameritrade	12
47.	Accurint	12

48.	Development Bank of Singapore	8
49.	First Hawaiian Bank	6
50.	LaSalle Bank	6
51.	Salem Five	4
52.	Nantucket Bank	4
53.	First Federal Bank of CA	3
54.	Sky Financial	3
55.	PNC Bank	3
56.	Crown Bank	2
57.	Bank of Kansas City	2
58.	Franklin Bank	1
59.	CareerBuilder	1

**Top U.S. Network Providers Hosting Phishes with total number of phishes hosted:**

1.	SBC	53,666
2.	Comcast	28,016
3.	Road Runner	25,925
4.	Charter	12,544
5.	Internap Network Services	10,332
6.	Inktomi Corporation	9,293
7.	XO Communications	8,511
8.	Bresnan Communications, LLC	8,408
9.	AITNET Advanced Internet Technologies	8,274
10.	Park Region Mutual Telephone Co.	7,566
11.	SIMPLENET Simple Network Communications, Inc.	7,455
12.	WorldNet Services	6,295
13.	Everyone's Internet	5,285
14.	INSIGHT COMMUNICATIONS COMPANY, L.P.	4,544
15.	Peer 1 Network Inc.	4,333
16.	Cox Communications	3,988
17.	Global One Communications	3,829
18.	Go Daddy Software, Inc.	3,772
19.	Oversee.net	3,712
20.	BellSouth	3,395

**Top 25 Worldwide Networks with Number of Phish Reported**

1.	Hanaro Telecom Inc.	37,345
2.	TTNET Ttnet Autonomous System	24,816
3.	SBC Internet Services	23,169
4.	Korea Telecom	17,567
5.	CNCGROUP China169 Backbone	15,406
6.	VTR BANDA ANCHA S.A.	15,001
7.	PROXAD AS for Proxad ISP	12,207
8.	DACOM Corporation	11,427

9. No.31,Jin-rong Street	10,326
10. HINET Data Communication	9,250
11. Bresnan Communications, LLC.	8,355
12. DTAG Deutsche Telekom AG	8,046
13. VirtualXS Internet BV	8,043
14. PRMTC Park Region Mutual	7,588
15. Groupe iWeb Technologies Inc.	7,368
16. Charter Communications	7,353
17. AITNET	6,929
18. COLT COLT Telecommunications	5,690
19. BACOM Bell Canada	5,457
20. NOOS Autonomous System	5,239
21. Synergetic Medien - AG	5,140
22. SHAW Shaw Communications Inc.	4,788
23. Guangdong Mobile Communication	4,608
24. Oversee.net	4,526
25. INSIGHT COMMUNICATIONS	4,237

### Total Submissions with Valid Breakdown

```

+-----+-----+-----+-----+
| total | valid | invalid | unverified |
+-----+-----+-----+-----+
| 299084 | 220225 | 8760 | 70099 |
+-----+-----+-----+-----+

```

### Total Votes with Vote Breakdown

```

+-----+-----+-----+-----+
| total | valid | invalid | i_dont_know |
+-----+-----+-----+-----+
| 1480159 | 1352754 | 84053 | 43352 |
+-----+-----+-----+-----+

```

### Total Submitters

```

+-----+
| total_submitters |
+-----+
| 5448 |
+-----+

```

### Total Verifiers

```

+-----+
| total_verifiers |
+-----+
| 3580 |
+-----+

```

```
+-----+
```

### Total Submitter/Voters

```
+-----+
| total_submitter_voters |
+-----+
|                1857 |
+-----+
```

### Top Phish-Hosting IPs with Valid Phish per IP

```
+-----+-----+
| ip_address      | count |
+-----+-----+
| 221.143.234.20  | 23366 |
| 85.105.190.151  | 18821 |
| 200.120.67.245  | 12931 |
| 221.10.110.67   | 9679  |
| 69.145.198.82   | 8280  |
| 62.129.131.38   | 7638  |
| 64.118.0.183    | 7566  |
| 209.172.59.193  | 6898  |
| 216.117.170.115 | 5901  |
| 211.20.171.111  | 5841  |
| 221.231.147.137 | 5681  |
| 195.20.32.104   | 5377  |
| 81.64.102.104   | 5139  |
| 82.230.158.136  | 5078  |
| 24.205.124.49   | 5039  |
| 217.119.57.19   | 5022  |
| 211.43.204.122  | 3961  |
| 204.13.160.28   | 3319  |
| 211.176.202.19  | 3162  |
| 218.38.140.198  | 3061  |
| 82.230.237.111  | 2670  |
| 216.188.26.235  | 2489  |
| 66.215.145.150  | 2328  |
| 75.81.164.93    | 2251  |
| 219.251.166.157 | 2175  |
+-----+-----+
```

### Top Phish-Hosting Domains, with Number of Valid Phishes per Domain

```
+-----+-----+
| domain          | count |
+-----+-----+
| potreit.cn      | 2237  |
| proterst.cn     | 2233  |
| directories.io  | 2189  |
| itsrtat.cn      | 2140  |
| promobir.cn     | 2116  |
+-----+-----+
```

dllspro.cn	2087	
userpro.io	2037	
usersetup.io	2034	
userpro.tw	2011	
prouserbase.tw	1534	
trenkst.jp	1517	
udll.tw	1459	
usersetup.cn	1361	
voila.fr	852	
nsserver.ph	782	
by.ru	766	
mainid.ac	743	
stackit.io	705	
mainid.sh	683	
itfrent.cn	668	
postid.cn	665	
mainid.tw	654	
fastclisp.cn	645	
cliform.cn	623	
techst.cn	622	
+-----+	+-----+	+-----+

Phishes by Country with Relative Percent of Overall Phishes

rel_pct	country	
30.51745856	US	
14.42713299	KR	
7.14207692	CN	
5.07883213	TR	
4.80834215	FR	
3.91005012	CA	
3.36106237	DE	
2.97256289	RU	
2.60508183	NL	
2.43133495	CL	
1.96693528	GB	
1.83308229	JP	
1.63529355	TW	
1.10469490	IN	
1.03283728	RO	
0.98766541	BR	
0.97776695	IT	
0.96613702	TH	
0.81749421	ES	
0.78550120	PL	
0.71427066	BG	
0.67286585	AR	
0.53421426	HK	
0.46497939	CZ	
0.44708313	CO	
0.42423460	MX	
0.41063421	IL	
0.40084572	EU	

	0.35970823		HU	
	0.35955135		AU	
	0.35892237		AT	
	0.31171244		SE	
	0.28008688		VE	
	0.23877603		BD	
	0.23750416		CU	
	0.23697917		BO	
	0.23180529		CH	
	0.21748542		SG	
	0.20735260		ID	
	0.19896591		DK	
	0.17576369		ZA	
	0.17368556		MY	
	0.17194023		IE	
	0.16360044		PT	
	0.15470509		PH	
	0.14542156		UA	
	0.13478243		LV	
	0.13470319		IR	
	0.13404061		BE	
	0.11856682		PA	
	0.11449749		EC	
	0.10867575		PE	
	0.10121392		EG	
	0.09784358		KZ	
	0.09033345		GR	
	0.08316058		MN	
	0.07061442		SK	
	0.06960428		AM	
	0.06739809		NO	
	0.06705671		MK	
	0.06205367		EE	
	0.05344050		SA	
	0.05308430		CR	
	0.04564834		PK	
	0.04348630		GE	
	0.04286354		SV	
	0.04214798		MA	
	0.04028258		LT	
	0.03891910		LK	
	0.03474030		FI	
	0.03389728		GT	
	0.03217490		PR	
	0.03202781		VN	
	0.03107864		NZ	
	0.03043891		CS	
	0.02711783		BF	
	0.02159383		KH	
	0.01807855		TZ	
	0.01757637		AE	
	0.01648171		MD	
	0.01637776		SI	
	0.01551968		IS	
	0.01421130		AP	
	0.01364263		PY	

	0.01286249		BA	
	0.00954146		MO	
	0.00920665		LU	
	0.00902426		MT	
	0.00803491		CI	
	0.00652837		BH	
	0.00602618		UZ	
	0.00602618		BN	
	0.00602618		CY	
	0.00552400		GU	
	0.00552400		TG	
	0.00552400		JO	
	0.00502182		TN	
	0.00502182		MG	
	0.00492158		HR	
	0.00401751		KE	
	0.00401746		LB	
	0.00401746		SM	
	0.00401746		AG	
	0.00376636		UY	
	0.00376636		KW	
	0.00351527		AF	
	0.00351527		SY	
	0.00351527		LA	
	0.00301309		AZ	
	0.00251091		RW	
	0.00251091		PS	
	0.00200873		QA	
	0.00200873		DO	
	0.00200873		TT	
	0.00200873		NP	
	0.00156932		DZ	
	0.00151518		RS	
	0.00150655		GI	
	0.00110480		BY	
	0.00100436		PW	
	0.00100436		CF	
	0.00100436		SD	
	0.00100436		NG	
	0.00100436		LI	
	0.00083699		ML	
	0.00065449		BS	
	0.00054401		FJ	
	0.00050218		ZW	
	0.00050218		UG	
	0.00050218		HT	
	0.00050218		CM	
	0.00050218		MU	
	0.00050218		TM	
	0.00050218		SN	
	0.00050218		ET	
	0.00050218		LY	
	0.00050218		PG	
	0.00050218		JM	
	0.00050218		NA	
	0.00050218		MW	

	0.00050218		KG	
	0.00050218		LS	
	0.00050218		NI	
	0.00016738		BB	
	0.00015623		BM	
+-----+				

**Verifications by Day of Month**

+-----+				
	day		count	
+-----+				
	valid		invalid	
	1st		8725	
	2nd		8393	
	3rd		9726	
	4th		9687	
	5th		12239	
	6th		11664	
	7th		4775	
	8th		8293	
	9th		7416	
	10th		11398	
	11th		7172	
	12th		8016	
	13th		6055	
	14th		12096	
	15th		5987	
	16th		6765	
	17th		5010	
	18th		5167	
	19th		6557	
	20th		5568	
	21st		5359	
	22nd		7774	
	23rd		6190	
	24th		4242	
	25th		6023	
	26th		6346	
	27th		5490	
	28th		6623	
	29th		6802	
	30th		10187	
	31st		3231	
+-----+				

**Verifications per Hour, with Valid/Invalid Breakdown**

+-----+				
	hour		count	
+-----+				
	valid		invalid	
	00		15103	
	01		9257	
	02		7081	

03	7609	7237	371
04	5235	4979	255
05	4371	4132	239
06	7023	6712	310
07	8389	8077	311
08	5058	4821	237
09	4763	4584	178
10	5880	5617	263
11	4492	4276	215
12	13795	13470	324
13	6847	6535	311
14	19071	18745	325
15	11727	11383	342
16	10064	9663	399
17	9194	8879	315
18	10938	10495	443
19	19320	18740	578
20	9199	8812	386
21	8152	7706	445
22	14320	13622	696
23	12088	11541	545
+-----+-----+-----+-----+			

**Submissions per Hour, with Valid/Invalid Breakdown**

+-----+-----+-----+-----+			
hour	count	valid	invalid
+-----+-----+-----+-----+			
00	13305	9965	274
01	10766	7597	252
02	9498	7006	256
03	7931	5516	241
04	9582	6649	247
05	6698	4600	179
06	5131	3636	210
07	5213	3630	211
08	6565	4423	233
09	6209	4310	218
10	6622	4628	281
11	6671	4547	279
12	8557	5692	448
13	10011	6753	405
14	11708	8508	475
15	11280	8290	531
16	11206	7809	428
17	20439	15091	561
18	29644	23251	591
19	23876	16977	527
20	23251	18748	433
21	26364	20481	598
22	19335	15407	443
23	9222	6710	439

**Votes per Hour, with Valid/Invalid Breakdown**

hour	count	valid	invalid
00	81105	75435	3850
01	71362	65681	3561
02	63719	57993	3629
03	48776	44290	3036
04	42082	38274	2551
05	37875	34051	2310
06	50549	46084	2933
07	54832	50457	2935
08	50276	46058	3060
09	40902	37592	2065
10	35113	32054	2027
11	33994	30687	1930
12	48929	45181	2335
13	62811	58163	3267
14	55365	49932	3616
15	55349	50120	3497
16	51226	45849	3745
17	56227	50964	3450
18	72097	65007	4689
19	83209	75465	4756
20	83272	75346	4997
21	92766	84873	5348
22	106389	98617	5241
23	101934	94581	5225

### Top Verifiers

Username	Count
miowpurr	221042
bowlby4	208427
buaya	203434
JustaPerson	99138
tetak	77227
DougieLawson	54181
Char	44909
punkki	38529
ruralnetcop	34116
polymorp	30039

### Average Minutes to Verification

2859.97051027
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