





















Dataset			
 1 day of tra Vantage Approx 4G 	affic from an I point, about 20 bb/s => 43 TB	European ISP ,000 households /day	
Class	Users (%)	Records (%)	
HTTP	16,217 (79.1)	39.7 M (11.8)	
Email	3,640 (17.7)	880.7 k (0.2)	
Chat	3,045 (14.8)	100.8 k (0.03)	
P2P	3,163 (15.4)	17.1 M (5.05)	
Other TCP	18,806 (91.8)	22.7 M (6.7)	
DNS	15,164 (74.1)	30.7 M (9.3)	
VolP	8,371 (40.8)	80.5 k (0.02)	
Other UDP	17,664 (86.2)	224.6 M (66.8)	
total	20,486	336.1 M	
- Plan	8		

















Dataset			
 1 day of tr Vantage 1,321 (6 total of 2 	affic from an I point, about 20 .4%) household 51 threat-IDs	European ISI ,485 household s have ≥ 1 conr	P Is nection flagged over a
	Traffic Analyzer		
Class	Users (%)	Records (%)	
HTTP	16,217 (79.1)	39.7 M (11.8)	
Email	3,640 (17.7)	880.7 k (0.2)	
Chat	3,045 (14.8)	100.8 k (0.03)	
P2P	3,163 (15.4)	17.1 M (5.05)	
Other TCP	18,806 (91.8)	22.7 M (6.7)	
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Other UDP	17,664 (86.2)	224.6 M (66.8)	
total	20,486	336.1 M	
<u> Plar</u>	e		SOLUTI RANGWORK











	Users ≥ 1 flag Users > 1				
#	Name	Users	Flags	Users	AVG Flags
1	Drive-by download [type 1]	781	1,427	265	3
2	DynDNS activity [type 1]	266	26,270	181	144
3	Blackhole EK [type 1]	127	158	20	2
4	Skintrim [type 2]	56	301	46	6
5	Skintrim [type 3]	56	301	46	6
6	Facebook plugin attack	30	31	1	2
7	Threat-A	25	27	2	2
8	Blackhole EK [type 2]	25	25	-	-
9	Toolbar activity [type 1]	21	105	19	5
10	Threat-B	21	23	2	2
11	Threat-C	21	22	1	2
12	Toolbar activity [type 2]	17	19	2	2
13	Drive-by download [type 2]	15	33	5	4
14	Tidserv	14	228	12	18
15	Threat-D	14	470	7	66

Threat-D – Flagged HTTP objects Users # HTTP events ads.staticyonkis.com/www/delivery/afr.php Most recurrent objects

ads.staticyonkis.com/www/delivery/afr.php bloggasaurus.com/wp-content/instal/file.php Most recurrent obj	ects	5 2	223 23	
		1	ifr nhn	count
www.clublhsnowboards.com/blog/%3Cahref=http://www.snowboardipende	ente.it/fo	1	Jser 1	66
		1	Jser 2	64
		- ι	Jser 3	38
club/%3Cahref=http://www.snowboardipendente.it/forum.php%3E%3Cimg		L	Jser 4	37
//www.snowboardipendente.it/allegati/member.jpgalt=forumsnowboardbo	rder=1%	L	Jser 5	18
		1	total	223
			1	
www.sportrenoteam.it/	filo nhn	count	1	
casariposo.org/banner//jquerymini.js		22	1	
www.calcolostipendionetto.it/	User 6	22	1	
www.clublhsnowboards.com/blog/webcam-	User 7	1		
neve/%3Cahref=http://www.snowboardipendente.it/forum.php%3E%3Cimg	total	23		
//www.snowboardipendente.it/allegati/member.jpgalt=forumsnowboardbo	rder=1%		_	
		1	1	
	total	14	263	3
<u>M</u> Plane			28	























































Automatic Tracker Detection - Results					
	Website	Third party sites	Keys		
	Repubblica	pix04.revsci.net			
 Third party sites in 		su.addthis.com			
Repubblica.it		track.adform.net			
		bh.ams.contextweb.com			
	YouTube	eu-jet-01.sociomantic.com			
 Third party hostnames identified 		ib.adnxs.com			
		www.wajam.com			
		uip.semasio.net			
	Facebook	adadvisor.net			
		data.bncnt.com			
		go.flx1.com			
		ira.spysomeone.com			
		tags.bluekai.com			
		ww1.collserve.com			
<u> M</u> Plane		www.skyscanner.com			

Automatic Tracker Detection - Results					
	Website	Third party sites	Keys		
	Repubblica	pix04.revsci.net			
 Third party sites in 		su.addthis.com			
 Repubblica.it 		track.adform.net			
		bh.ams.contextweb.com			
		eu-jet-01.sociomantic.com			
 Third party hostnames identified 	YouTube Facebook	ib.adnxs.com			
		www.wajam.com			
 Third party hostnames confirmed ☺ 		uip.semasio.net			
		adadvisor.net			
		data.bncnt.com			
		go.flx1.com			
		ira.spysomeone.com			
		tags.bluekai.com			
		ww1.collserve.com			
<u>M</u> Plane		www.skyscanner.com	PERMEMORY		

Automatic Tracker Detection - Results				
	Website	Third party sites	Keys	
		pix04.revsci.net	id	
 Third party sites in 	Repubblica	su.addthis.com	puid	
 Repubblica.it YouTube 		track.adform.net	icid	
		bh.ams.contextweb.com	vgd	
	YouTube	eu-jet-01.sociomantic.com	fpc	
Third party hostnames identified		ib.adnxs.com	uuid	
		www.wajam.com	sExtCookield	
Third party hostnames		uip.semasio.net	install_timestamp	
confirmed ©		adadvisor.net	bk_uuid	
		data.bncnt.com	uid	
 Reys suggest the exchange of client identifiers 	Facebook	go.flx1.com	anuid, euid	
		ira.spysomeone.com	S	
		tags.bluekai.com	google_gid	
		ww1.collserve.com	bk_uuid	
<u>M</u> Plane		www.skyscanner.com	ksh_id	







