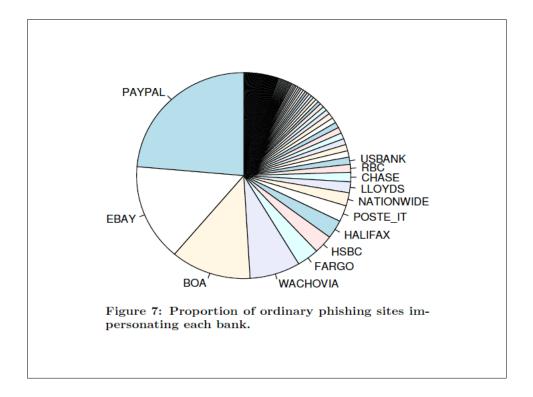
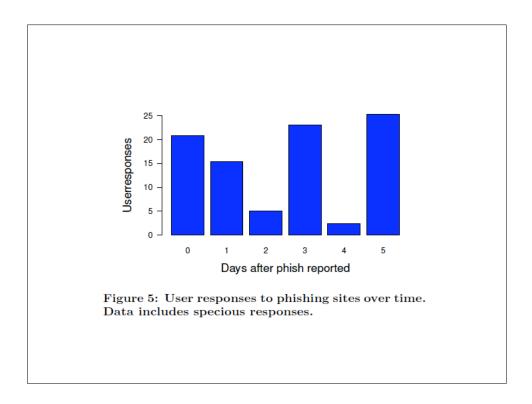
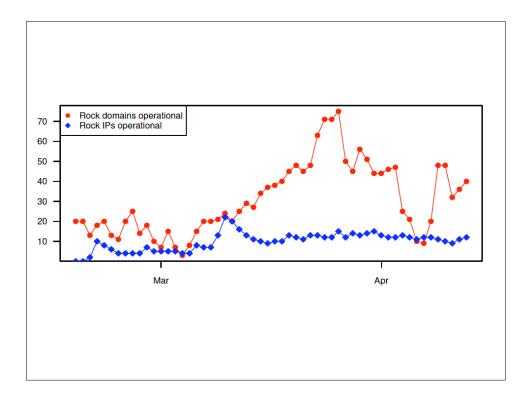
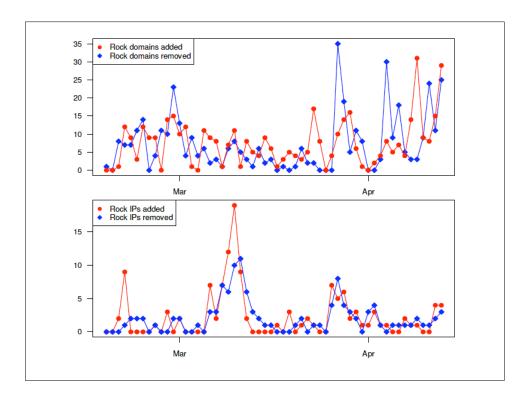


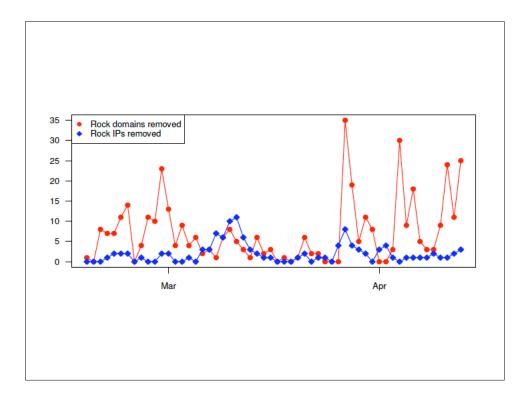
Scam category	% of scams
Uncategorized	29.57%
Information Technology	16.67%
Dynamic Content	11.52%
Business and Economy	6.23%
Shopping	4.30%
Financial Data and Services	3.61%
Illegal or Questionable	2.15%
Adult	1.80%
Message Boards and Clubs	1.80%
Web Hosting	1.63%
Table 2: Top ten scam ca	tegories.

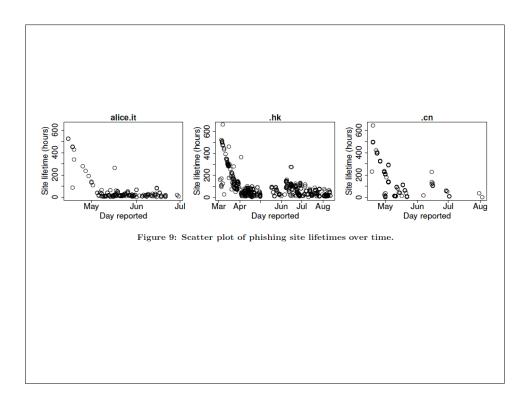










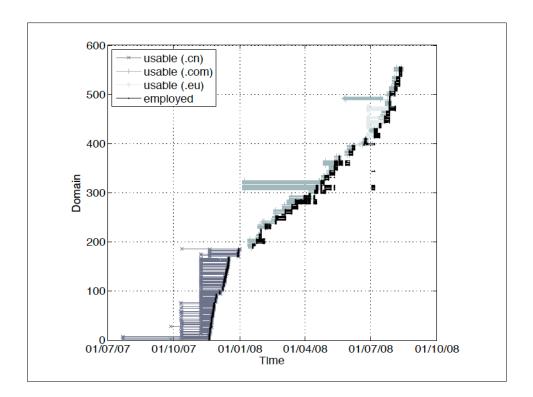


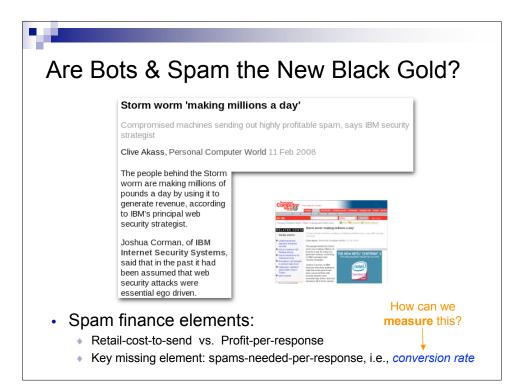
	Sites	Lifetime (hours)	
		Mean	median
Free web-hosting			
all	395	47.6	0
brand owner aware	240	4.3	0
brand owner missed	155	114.7	29
Compromised machines			
all	193	49.2	0
brand owner aware	105	3.5	0
brand owner missed	155	103.8	10

-	Sites	Lifetime (hours)	
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Compromised machines			
all	193	49.2	0
brand owner aware	105	3.5	0
brand owner missed	155	103.8	10
Rock-phish domains	821	70.3	33
Fast-flux domains	314	96.1	25.5

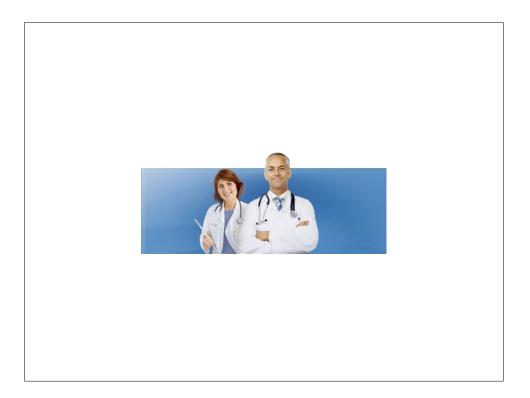
	Period	Sites	Content Lifetime (hours)		
-	renoa	Siles	mean	median	
Child sexual abuse images	Jan–Dec 2007	2585	719	288	
Phishing					
Free web-hosting (two brands)	Jan 2008	240	4.3	0	
Compromised machines (two brands)	Jan 2008	105	3.5	0	
Rock-phish domains (all brands)	Jan 2008	821	70.3	33	
Fast-flux domains (all brands)	Jan 2008	314	96.1	25.5	
Fraudulent websites					
Escrow agents	Oct-Dec 2007	696	222.2	24.5	
Mule-recruitment websites	Mar 07–Feb 08	67	308.2	188	
Fast-flux pharmacies	Oct-Dec 2007	82	1370.7	1404.5	

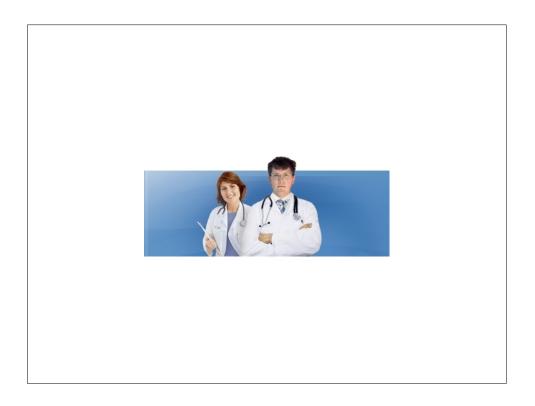
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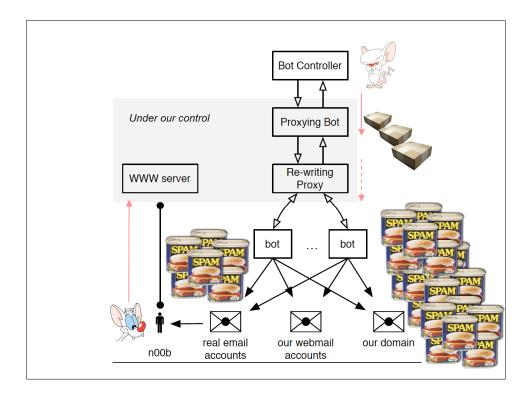












Spam conversion experiment

- Experimented with Storm March 21 April 15, 2008
- Instrumented roughly 1.5% of Storm's total output

	Pharmacy Campaign	E-card Campaigns	
		Postcard	April Fool
Worker bots	31,348	17,639	3,678
Emails	347,590,389	83,665,479	38,651,124
Duration	19 days	7 days	3 days

