

Martin Hall 12/1/08 10:38 AM
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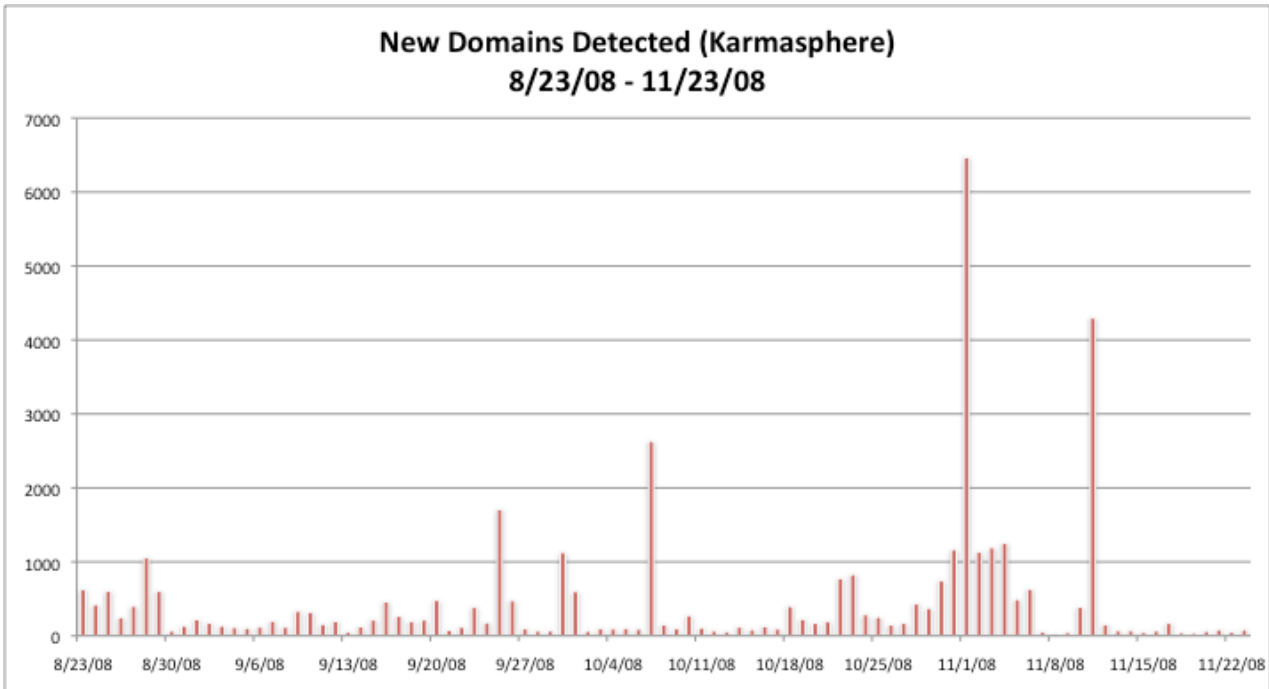
1 Annex ? – Fast Flux Metrics

2 A number of organizations have been collecting data about fast fluxing domains. The
3 methods and data used to detect and monitor fluxing domains varies, but the data provides
4 one graphical perspective on the scope of the issue.

5
6 The data presented here is based on separate research activities by Arbor and
7 Karmasphere and includes:

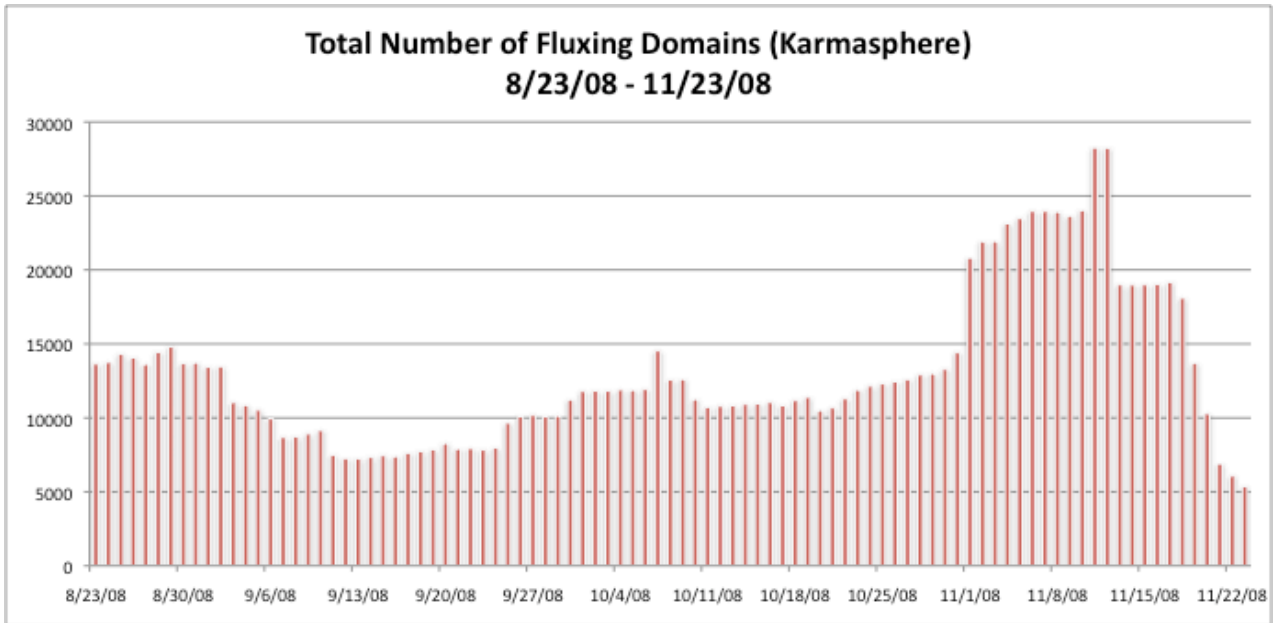
- 8 • New Fluxing Domains Detected by Date
- 9 • Total Number of Fluxing Domains Detected by Date
- 10 • Total Number of Fluxing Domains by TLD
- 11 • Number of Fluxing Domains per 10,000 registered domains by TLD

12 New Fluxing Domains Detected by Date



13
14

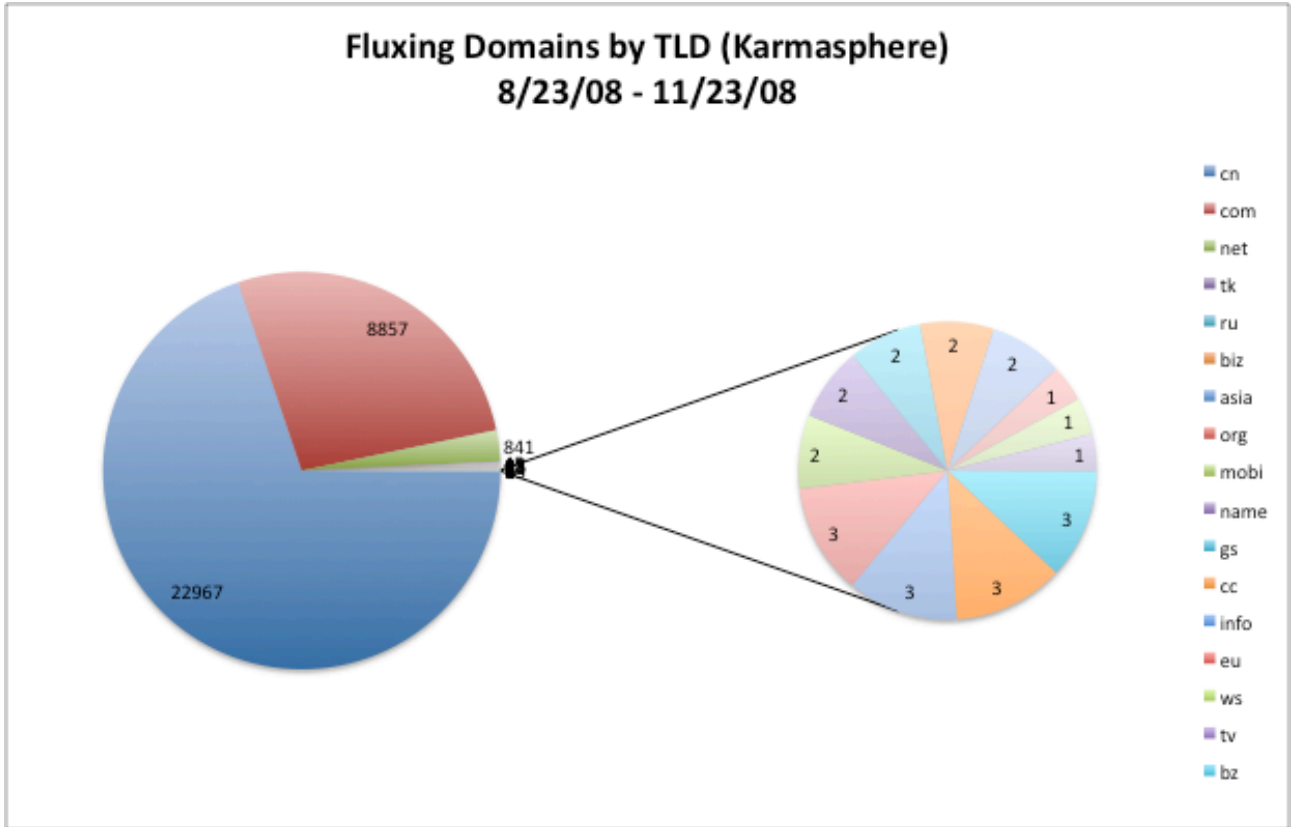
15 Total Number of Fluxing Domains by Date



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17 Fluxing Domains Detected by TLD



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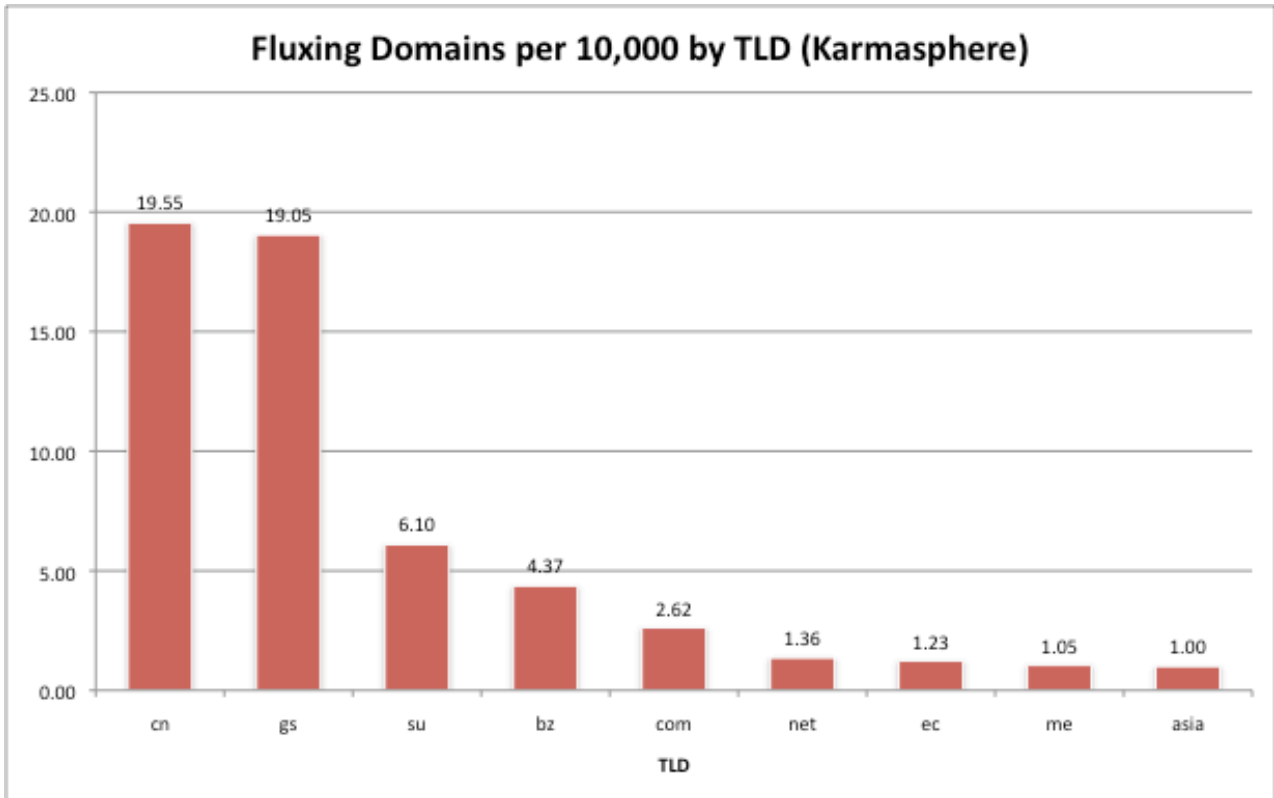
19

19 **Fluxing Domains Detected Proportionately by TLD**

20 Using a useful metric used by the Anti Phishing Working Group in their “Global Phishing
21 Survey: Domain Name Use and Trends in 1H2008”, the number of fluxing domains were
22 analyzed to see how many fell into which TLDs. The absolute counts by TLD are
23 interesting, but the sizes of the various TLDs vary widely. To place the numbers in context
24 and measure the prevalence of fluxing in a TLD, we use the
25 metrics “Fluxing Domains per 10,000”.

26
27 “Fluxing Domains per 10,000” is a ratio of the number of fluxing domain names in a TLD to
28 the number of registered domain names in that TLD. This metric is a way of
29 revealing whether a TLD has a higher or lower incidence of fluxing relative to others.

30
31 The following charts show only those TLDs that have one or more fluxing domains per
32 10,000 domains registered in that TLD.



Authors: TBC