SSO Collection Optimization

Core SSO Team:
Current Efforts - Google

- Defeat Fingerprints

defeat/dev/google/adwords
defeat/dev/google/bigtable
defeat/dev/google/blogger_js
defeat/dev/google/teragoogle
Serendipity – New Protocols

- Internal server-to-server authentication, based on hard selector
- Valid user agent string, not populated into Marina (yet!)
Serendipity – New Protocols

Google Protocols By Type

- Google Authorization, Security Question: 1622
- No content: 1473
- iGoogle: 420
- chrome-sync: 396
- teragoogle-indexing: 340
- Youtube // Video Page: 153
- talkgadget: 109
- picasa(web): 93
- gaia // permission_white List: 145

TOP SECRET//SI//NOFORN
What Yahoo and Google did not think the NSA could see


Special Source Operations (p. 1)

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SSO Collection Optimization

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Yahoo data formats (p. 2)

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TUDDS Block

Fingerprint Sessions Blocked by TUDDS 4/5 - 8/12

- defect/struts/yahoo/webMessage/Status
- defect/struts/yahoo/webMessage/request
- defect/struts/yahoo/insider/client_ad_get
- defect/struts/web/yahoo/webbug
- defect/struts/SMTP_to_server
- defect/struts/SMTP_fromserver
- defect/struts/mail/pop/short/client_to_server
- defect/struts/mail/pop/body/less_email
What is NSA blocking with these "defeats"? (p. 4)

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  defeat/dev/google/blogger_js
  defeat/dev/google/teragoogle
Inside Google’s network (p. 5)

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Google’s internal traffic (p. 6)

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