NANOG 48

Hosted by Giganews and Data Foundry

[Logo for Giganews and Data Foundry]
MAP OF ONLINE COMMUNITIES
AND RELATED POINTS OF INTEREST
GEOGRAPHIC AREA REPRESENTS
ESTIMATED SIZE OF MEMBERSHIP

(NO COMPLETE SURVEY. SIZES BASED ON BEST FIGURES I COULD FIND
BUT INVOLVED SOME GUESSWORK. DO NOT USE FOR NAVIGATION.)

SPRING 2007
<table>
<thead>
<tr>
<th>Supporters say,</th>
<th>Opponents say,</th>
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<tbody>
<tr>
<td>• Net Neutrality would preserve end-to-end</td>
<td>• Net Neutrality would prevent essential network</td>
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<td>• Net Neutrality would prevent ISPs from choosing</td>
<td>management</td>
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<td>winners and losers</td>
<td>• Net Neutrality would stifle innovation and</td>
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<td></td>
<td>investment</td>
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**The Net Neutrality Debate**
The FCC’s Net Neutrality Rulemaking

- Proposal would require “non-discriminatory” practices
- No discrimination against any application, content, or service,
  - except for “reasonable network management”
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Sounds good, right?
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What about privacy?
Net Neutrality and Privacy

• Non-discriminatory by identifying like applications, to treat them the same.
  ◦ Requires deep packet inspection.

• “Network management” by identifying “bad” transmissions
  ◦ Requires deep packet inspection.
Both Sides Miss The Point

- Privacy has been critical to Internet’s economic and social success
- Privacy is required for online business
- Privacy is required for exercising personal liberties
- Privacy is destroyed by the deep packet inspection logically following Net Neutrality
Leave you with some questions

- Does the proposed Net Neutrality solution require inspection of content, to enforce non-discrimination?
- Does network management involve inspection of content?
- If there is inspection, and particularly if it is disclosed, doesn’t that eliminate any expectation of privacy?
- How can we achieve the goals of non-discrimination, reasonable network management, and ubiquitous access without also eliminating privacy?
Credits

- All photos from Trey Ratcliff, Stuck In Customs
  http://www.stuckincustoms.com/
- Internet map from XKCD
  http://xkcd.com/256/

Thank you!

GIGANews
Data Foundry