A Co-operative
DNS Secondary

A proposal to ccTLDs

ccNSO Technical Workshop
Sao Paulo – Dec 7, 2006
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Motivation

Every ccTLD has the responsibility to provide authoritative responses to DNS queries

Every ccTLD faces the threat of innovative DDoS attacks

Every ccTLD derives revenue from registrations; not usage

Every ccTLD wants more DNS sites
Proposal

A Co-operative of Authoritative DNS Secondary Sites

- Open to all ccTLDs
- Maintained and Operated by ccTLDs
- Funded by ccTLDs
- Using Anycast
- DNSSEC?

This isn’t an alternative to other DNS strategies, its an additional measure
What We Gain

• Improved global coverage and performance

• Mitigation of DDoS attacks
  – alone we are weak; together we are strong(er)

• Assists newer/smaller registries with deployment

• Assists all with monitoring and maintenance
Next Steps

• “There is another system”
  Colossus: The Forbin Project (1970)

• A BOF session would be helpful
  – corporate structure

• Who’s interested?