

ISC SNS

(SOLID NAME SERVICE)

Peter Losher, Programme Manager

Internet Systems Consortium

OARC DNS Operators Meeting, June 2008, Brooklyn College



# OVERVIEW

- Introduction
- History of ISC and DNS Operations
- Why SNS? Why ISC?
- SNS-PB & SNS-COM - Two sides of the same coin.
- SNS-PB & SNS-COM Architecture.
- Conclusion



# HISTORY OF ISC AND DNS OPERATIONS

- ISC has operated F.ROOT-SERVERS.NET since 1994.
- ISC has operated ns-ext.isc.org, which now houses 700+ zones since (???)
- ISC helped found the ASI 12 project and operates a ASI 12 server.
- ISC is a proud supporter of OARC, and all of its authoritative servers participate in the NSF-sponsored “Day of the Life”.
- ISC maintains BIND ;)



WHY SNS?

WHY ISC?

- ISC Commercial Support Customers (BIND/DHCP)
- Want to take ns-ext “global” for public benefit DNS hosting.
- ISC also wants additional cases for BIND development.
- ISC has a stellar record of DNS Operations.
- Match made in heaven:
  - ISC SNS-PB (Public Benefit)
  - ISC SNS-COM (Commercial)

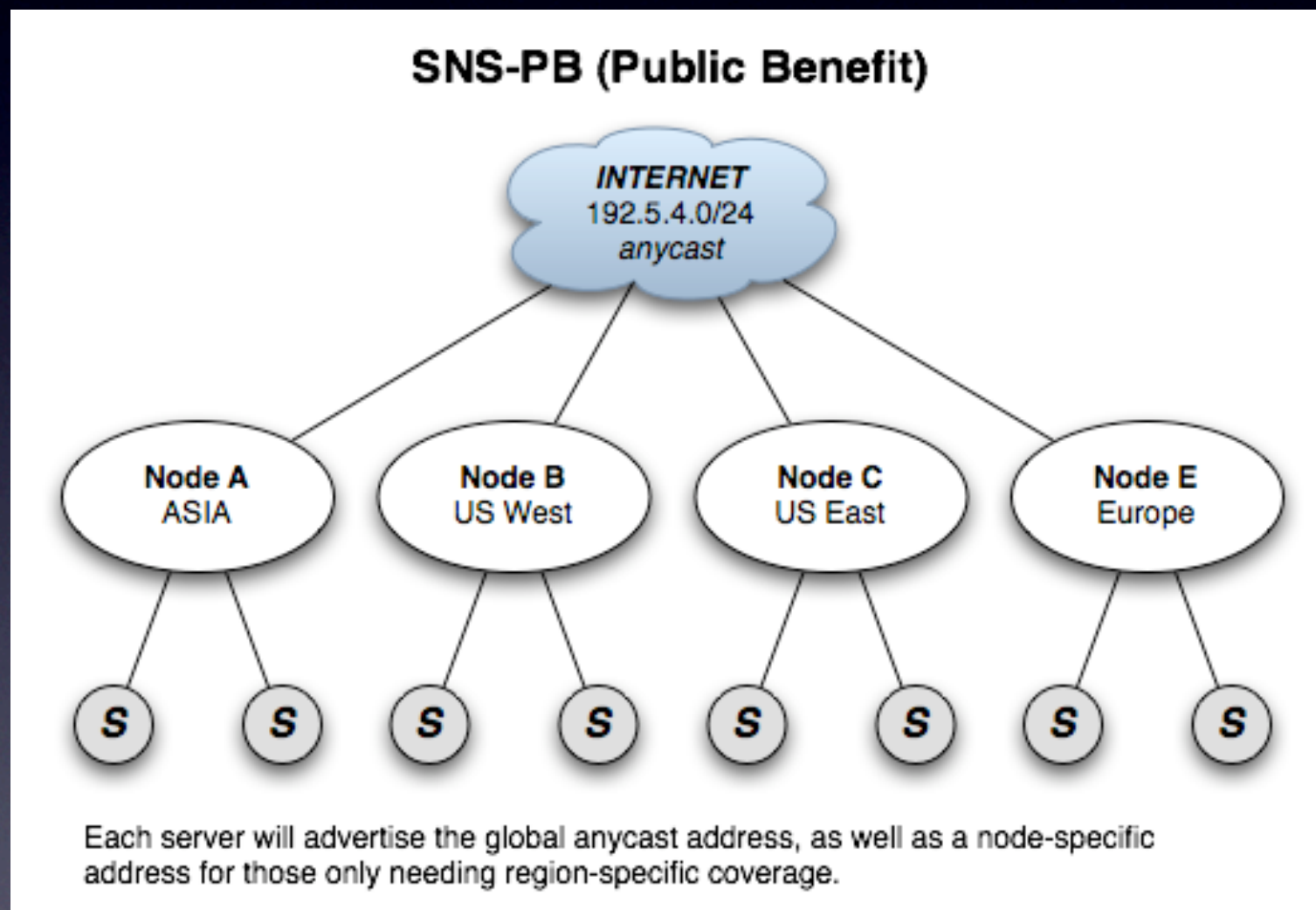


# SNS-PB & SNS-COM: TWO SIDES OF THE SAME COIN.

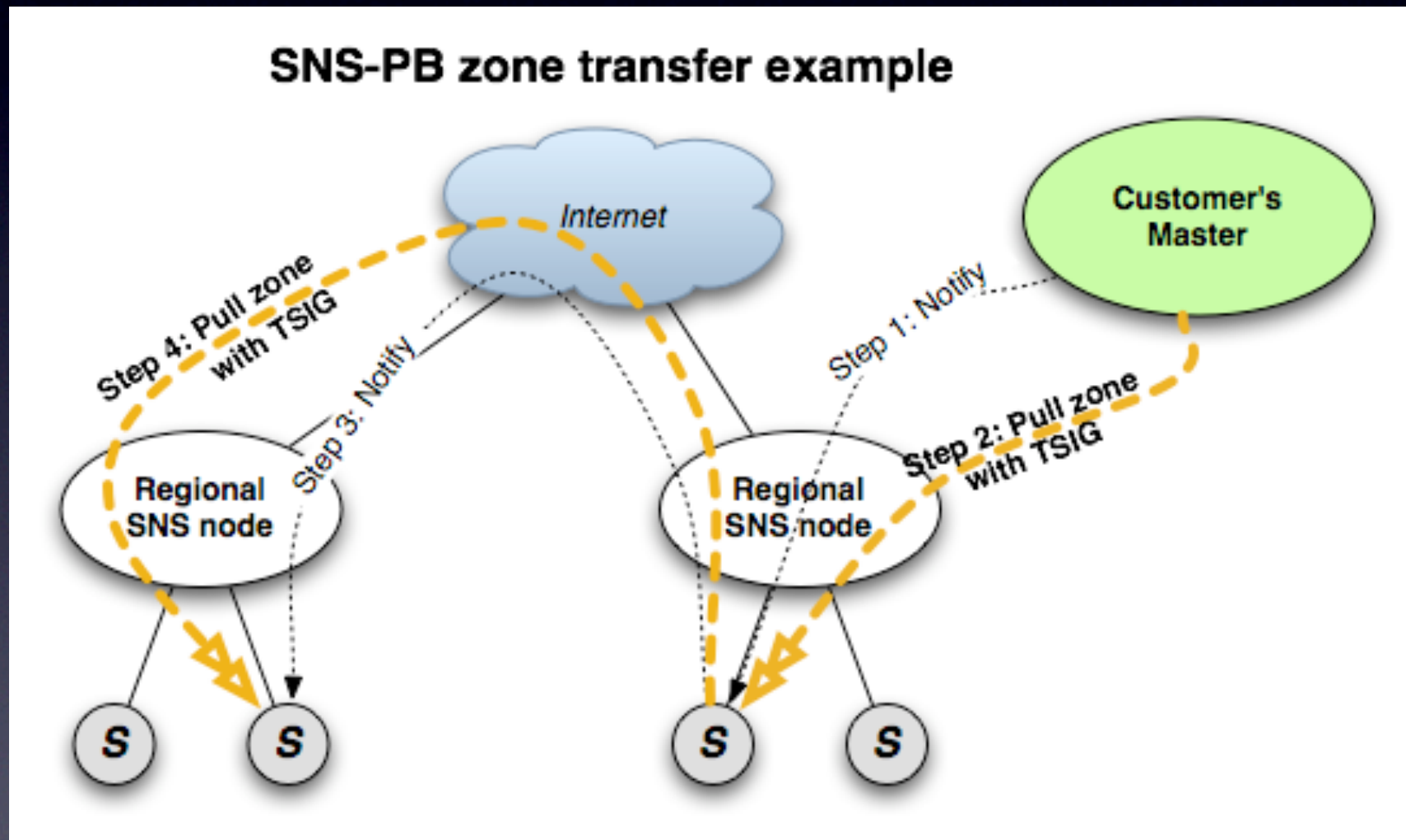
- Both will offer secondary service:
  - SNS-PB will serve ISC's traditional hosting base of non-profit, public benefit organizations. ISC will leverage our existing global network infrastructure to run this service.
  - SNS-COM will serve commercial organizations who do not fit the above qualifications. ISC is partnering with several top-tier global Internet backbone providers where we will be providing this service from. (Note: SNS-COM is being built on a network separate from AS1280)
- SNS is targeting the power DNS user that wants a global DNS presence w/o all the frills.



# SNS-PB ARCHITECTURE

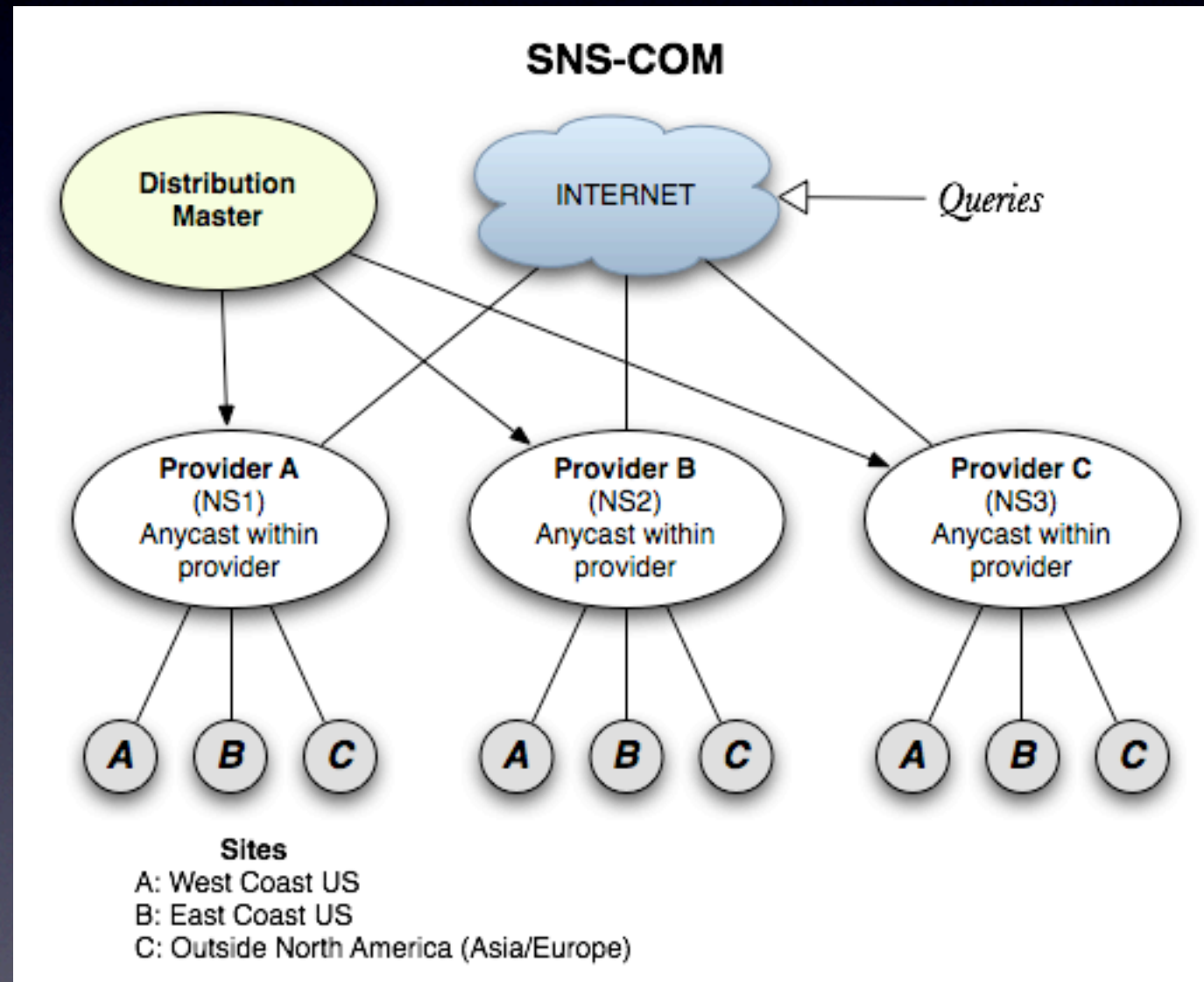


# SNS-PB ARCHITECTURE



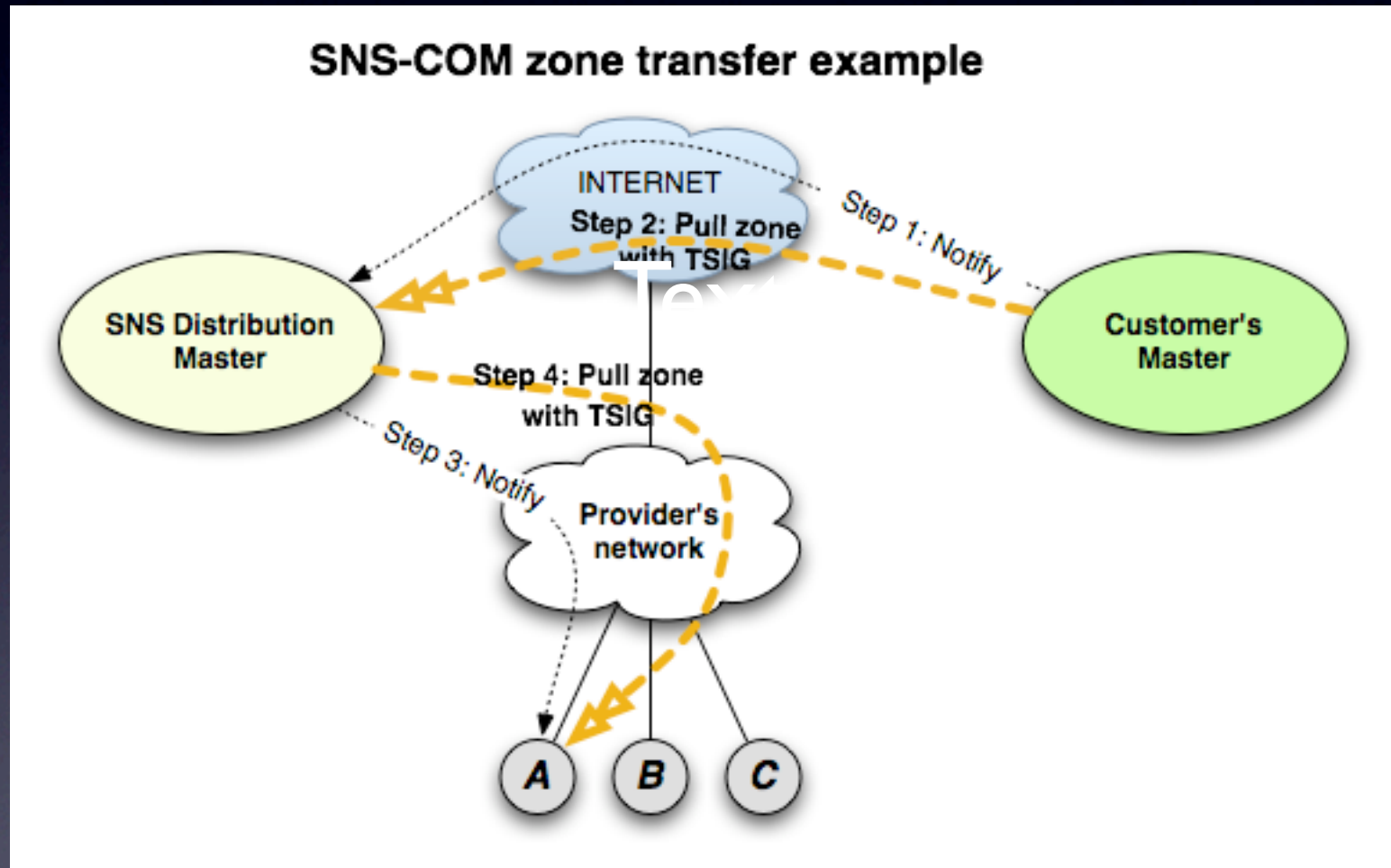


# SNS-COM ARCHITECTURE





# SNS-COM ARCHITECTURE





# CONCLUSION

- Any questions?