SNS@ISC
SOLID & DEPENDABLE NAME SERVICE

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OVERVIEW

- Introduction

- History of ISC and DNS Operations

- Why SNS@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 for the past decade, which now houses 700+ zones.

- ISC helped found the AS112 project and operates a AS112 server.

- ISC is a proud supporter of OARC, and all of it's authoritative servers participate in the NSF-sponsored "Day of the Life".

- ISC maintains a little DNS software package called BIND ;)

WHY SNS@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; two versions of SNS@ISC:

 - 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 (used to operate F-Root) to run this service.

        - Does this mean we will see SNS-PB at all the same locations as we do for F-Root?

    - 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 AS1280/3557)

- Overall SNS@ISC is targeting the power DNS user that wants a global DNS presence w/o all the frills.
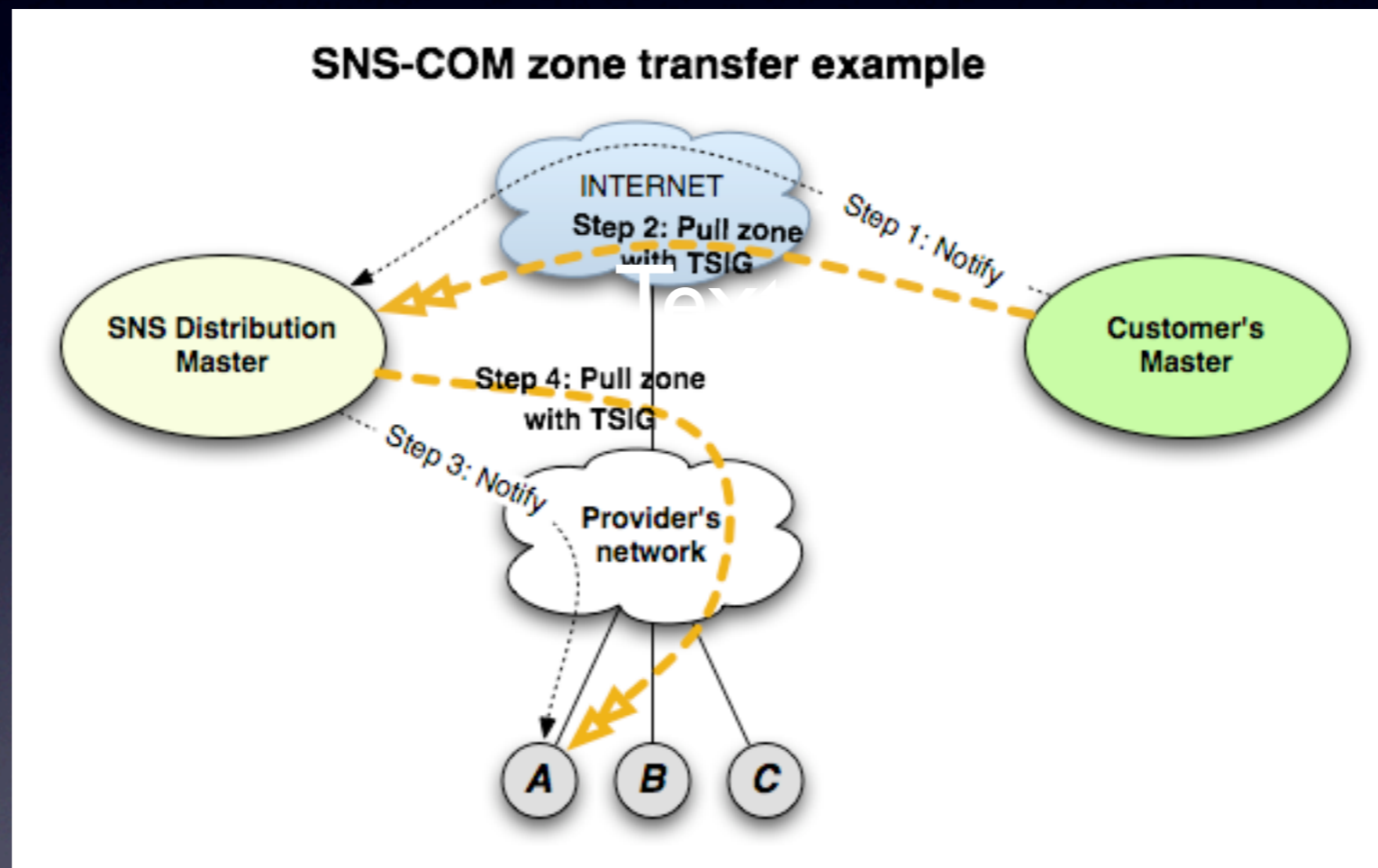
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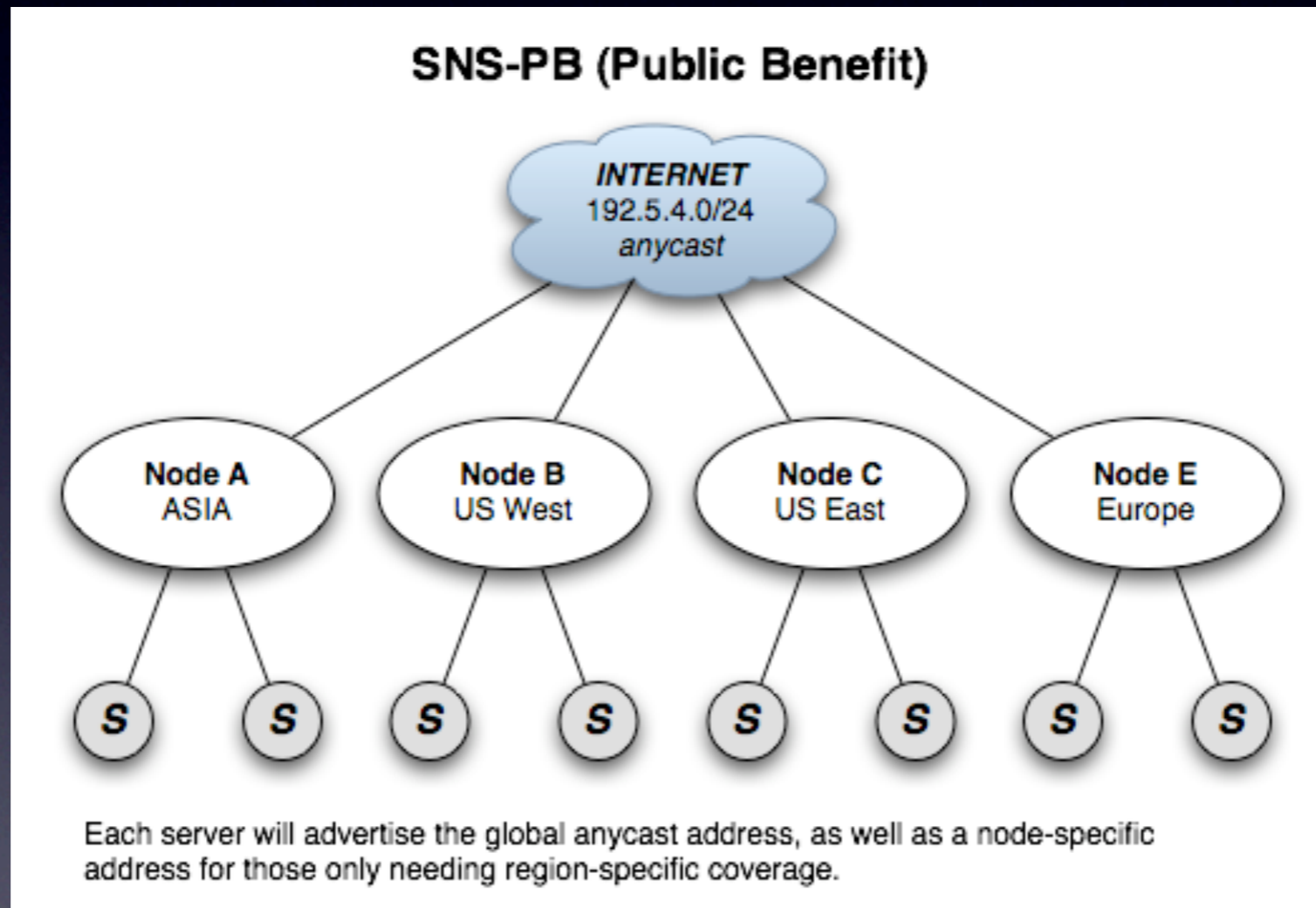
SNS-COM ARCHITECTURE
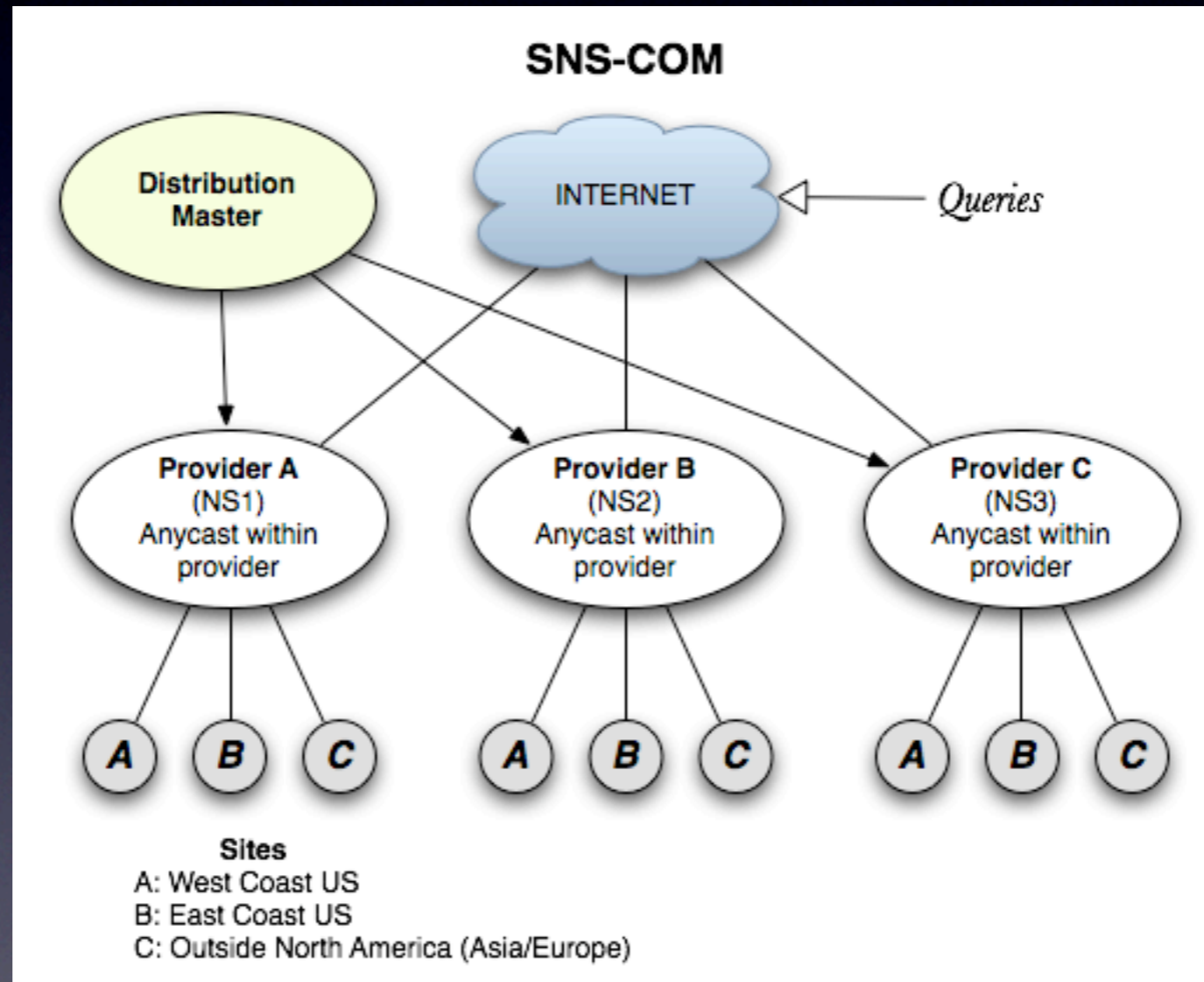
SNS@ISC ARCHITECTURE

CONCLUSION

- Any questions?