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IPv6 Technical SIG
APNIC 21

Progress Report for ip6.int Deprecation

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Background

- IPv6 migration
 - Transferred from APNIC to JPNIC in 2Q/3Q 2005
- IPv6 Reverse DNS: “shared zone”
 - JPNIC only retains records in resource management system
- JPNIC RMS doesn't include ip6.int zones
 - Leave domain objects in APNIC when transferred

Background (cont.)

- Migration dates and number of LIRs who have .int reverse delegation against total LIRs migrated
 - 1st migration (2005/5/14): 19/55
 - 2nd migration (2005/7/4): 2/9
 - 3rd migration (2005/8/9): 1/1



Notification

- Already notified ip6.int holders
 - 1st announcement: May to August 2005
 - Before each migration, notifications were sent separately for each LIR
 - 2nd announcement: August 2005
 - Introduction to APNIC's plan in JPOPM
 - 3rd announcement: September 2005
 - Recommendation for migration
 - 4th announcement: December 2005
 - As a part of APNIC 20 report in JPOPM



Method of measurement

- Use dig command with the NS records of the LIR's nameservers



Result

- latest dig result (Feb. 15)

SERVFAIL: 0

NOERROR: 22

(/32: 10, /35: 12)

Total: 22

No reduction since migration.

Discussion

- Limitation of the measurement by dig
 - Doesn't say exactly if an LIR uses ip6.int or not
- /35 entries still left
 - Although all were migrated to /32 in the past



Next Step

- Final announcement in March 2006
 - For each individual LIR who still uses ip6.int

Questions

Comments

