[prop-038] Proposal to amend APNIC Lame DNS reverse delegation policy

Policy SIG

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Proposal

- To make an editorial update to the definition of lameness for the APNIC lame delegation policy

Motivation

- Update the definition of 'lame' for
    - Best practice
    - RIR consistency
- Clarify the function of the policy
- APNIC has a preexisting lame policy

Comparison

- prop-004-v001
  - Valid answer for SOA
  - SOA contents not checked

- prop-038
  - Valid answer for SOA
  - Authority bit (AA) set
  - SOA contents not checked

Lame definition

- Using UDP query, a valid delegation is:
  - The delegated nameserver provides a valid answer for the SOA record of the domain
  - Returned answer is authoritative (AA bit set)
- Failure of any of the above checks is a lame state
- NOTE
  - SOA data consistency will still be unchecked, ie. serial

Benefits

- APNIC becomes consistent with
  - Best practice
  - RIR definition
- Flexibility to implement a member friendly procedure
- No adverse effect on members
  - Members already delegated this way

Implementation

- 2 weeks after EC endorsement
  - Update operational procedure on the APNIC website
  - Apply changes to DNS checking software

Summary

- Seeking consensus from the community to update the definition of lameness for the APNIC lame delegation policy

Thanks!

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