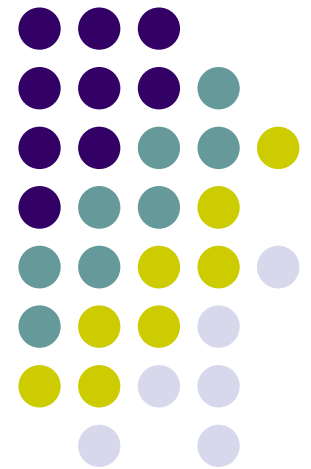


2008-7: Whois Integrity Policy Proposal

Full Disclosure: I work for a company that holds legacy resources, both IP addresses and AS Numbers. We would be directly affected by this policy.



Policy Statement



To ensure the integrity of information in the ARIN WHOIS Database a resource must be under an RSA (either legacy or traditional) in order to update the WHOIS record. ARIN will not update historical information in the ARIN Whois Database until the resource holder can prove the organization's right to the resource.



Problem - Goal

- Routing Security – the ability for providers to have confidence in whois data and that an entity is authorized to route and use a particular netblock.
- Prevent unverified transfer of resources either through ARIN or through route hijacking

Resources affected by “Last Modified”



Netblock Records	
1991	1213
1992	2654
1993	6030
1994	4641
1995	7407
1996	6038
Total	27,983

ASN Records	
1991	162
1992	72
1993	122
1994	321
1995	411
1996	624
Total	1712



Affected Records..

- An old “Last Modified” year does not guarantee that a record is inaccurate, but it is a red flag.

ORG ID's	
1991	912
1992	1514
1993	4452
1994	3500
1995	4917
1996	3746
Total	19041

Feedback - Arguments Against



- Anti-RSA
 - Concerns that ARIN will take away your space
 - Per ARIN Legal: “A subsequent policy that might seek to revoke underutilized resources would not apply to those who have signed the Legacy RSA.”
 - If you want some other type of ‘agreement’ with ARIN work it out with ARIN’s legal counsel.
- Fees



Why an agreement?

- Equivalent of ~16,000 /16's don't have an agreement
- In order to enter an agreement with ARIN, ARIN will go through a process to verify the netblock holders authority to the resource, thus verifying and hopefully updating contact information.
- Agreement provides mechanism to verify contact information regularly
- Agreement gives resource holders assurance that ARIN will continue to provide them services

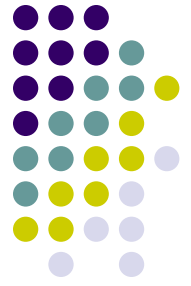


From the LRSA - Verification

- 3. EVALUATION AND ACCEPTANCE

Following Legacy Applicant's completion of the online application process, ARIN will promptly evaluate Legacy Applicant's request for the Services. Evaluation may require Legacy Applicant's submission of additional documentation to support its application such as, but not limited to, state registration, Dun & Bradstreet and/or taxpayer information, and/or registration under the province or country in which the entity is registered for verification purposes.

APNIC Policy



- prop-018-v001 - Implemented Dec 14, 2004
- “To improve the protection of internet resource records in APNIC Whois Database, it is proposed that ALL historical inetnums and aut-nums be protected with APNIC-HM maintainer.”
- “Existing custodians who wish to modify and maintain their record will need to contact APNIC secretariat, and enter a service agreement to ensure a clear responsibility and accountability will be undertaken by the custodian.”



What isn't here..

- APNIC - “To improve the protection of internet resource records in APNIC Whois Database, it is proposed that ALL historical inetnums and aut-nums be protected with APNIC-HM maintainer.”
- Couldn't decide whether this would create more problems



Discussion