

Policy Proposal 2005-2

Directory Services Overhaul

* Status

- ▶ Introduced on PPML – March 9, 2005
- ▶ Staff Impact Analysis – April 2005
- ▶ Legal Review – April 2005

* Proposal Text

- ▶ In Meeting Packet
- ▶ http://www.arin.net/policy/2005_2.html

Staff Impact Analysis

* Significant implementation impact

- ▶ Modification to WHOIS software and databases
- ▶ Revise internal procedures
- ▶ Revise WHOIS documentation for posting on website
- ▶ Add one staff member to the Registration Services Department to maintain/verify APID information

* Implementation - within 12-24 months following ratification by the ARIN Board of Trustees.

Legal Review

★ Legal Counsel to present

PPML Discussion

Posts	People
26	13

- ★ Concern about “terms such as SUSPEND, reclaim, offenders, or even non-responsive”

Policy Proposal 2005-2

http://www.arin.net/policy/2005_2.html

A Comprehensive Proposal for Directory Services

ARIN WHOIS RWHOIS AUP POC
Verification Privacy and other
alphabet soup

Presented By Leo Bicknell

Proposal Origin

- ARIN XII, Chicago IL, October 2003
 - Five policies that touch Directory Services.
 - A lot of discussion about how the policies interacted.
- History of WHOIS
 - Published by ARIN

Directory Services History

- ARIN III, IV,
 - Rwhois work
- ARIN V
 - Privacy of DSL users
 - Database redesign (POC Names)
- ARIN VII
 - Database integration of SWIP/rwhois
 - Early Registrations
 - Whois AUP

Directory Services History

- ARIN VIII
 - Universal Whois
 - Rwhois updates
 - Bulk copies of Whois data
- ARIN IX
 - Universal WHOIS
 - Stale POC Data
 - RWHOIS
 - DBWG WHOIS display formatting

Directory Services History

- ARIN X
 - WHOIS output formatting
 - Stale POC data
 - Lame delegations
 - Bulk copies of WHOIS

Directory Services History

- ARIN XI
 - Human Point of Contact
 - Network Abuse
 - Residential Customer Privacy
 - DBWG
 - Lame Delegation
 - RWHOIS design
 - WHOIS Display Changes
 - WHOIS AUP
 - RWHOIS server requirements

Directory Services History

- ARIN XII
 - Residential Customer Privacy
 - WHOIS AUP
 - Scope of WHOIS
 - POC Verification
 - RWHOIS server requirements

Directory Services History

- ARIN XIII
 - POC Verification
 - Purpose and Scope of WHOIS
 - WHOIS AUP

Directory Services History

- ARIN XIV
 - Initial version of this proposal.
 - Privacy of reassignments.
 - Residential Customer Privacy

Why This Proposal?

- A Unified Approach
- A Comprehensive Approach
- A Compromise for All

Why Not Little Proposals?

- Conventional wisdom states that small compact proposals in only one area are the most likely to pass.
- Directory Services proposals tend to be intertwined.
 - No one is going to be happy with all aspects of the proposal; the hope is that the proposal is an acceptable compromise to all.

What does it address?

- Which data items are published?
- What protocols can be used for access?
- What is acceptable use?
- Can entities have IP addresses and not be published?
- How is the data checked for validity?
- What is the framework for extension of the policy?
- What can ARIN staff do to efficiently implement the policy?

What doesn't it do?

- Change how WHOIS works.
- Change how RWHOIS works.
- Change how bulk WHOIS works.
- Change who can use WHOIS, or the valid uses of the data.
- Make it impossible to contact an address user.

Trust the Staff

- ARIN Staff deals with all of this on a daily basis. They know what works and what doesn't work.
- Details change much faster than the policy process, allow the staff to fine tune the process without requiring an 18-24 month cycle.

Expected Impact

- Short term:
 - Lots more work for the staff.
 - Lots of records removed from the public database.
 - Non-conforming ISP's will have to do work.

Expected Impact

- Long Term
 - Less work for the staff. Information will be up to date making contacts easier, there will be fewer records in the databases.
 - Contacting someone who is listed in the database will work the first time.
 - Lame delegations are reduced, improving the DNS system.
 - Spur the development of distributed databases to more accurately publish information.

Proposed Amendments

- Changes the AC could make based on feedback so far:
 - Replace “Offender” with “Resource holder” in section 3.2.1.
 - Add a parenthetical comment to “reclaim space” in section 3.2.1 stating “(remove APID records, remove DNS delegations, and return the space to the free pool)”.
 - Add to the end of section 3.3.1 “All users of the information must agree to the ARIN AUP. ARIN staff may publish the data via other methods as convenient.”
 - Resort the last three items in 3.3.1.1.

Key Points

- A comprehensive look at Directory Services.
- Publicly published data must be accurate and maintained.
- Sub-allocations may or may not appear, but if they do appear must be accurate.
- Failure to comply with ARIN policies has a recourse.
- Provides staff with some flexibility.