RFC 2050 Working Group

Background

- Addressing policy is obviously important
  - Documenting that policy is crucial
- Today's Addressing policy is complex
  - But not so complex that it can't be described
- Many more people are interested than in the mid-1990's
- Situation isn't nearly the same
  - CIDR, IPv6, mobile

What Was RFC 2050

- "Internet Registry IP Allocation Guidelines"
- Edited by Kim Hubbard, Mark Kosters, David Conrad, Daniel Karrenberg and Jon Postel
- An IETF BCP describing the distribution of "globally unique IP addresses and registry operations"

What's In RFC 2050?

- A few major sections
  - An allocation framework
    - Describing CIDR and hierarchical allocation
  - An assignment framework
    - Describing assignment of blocks of addresses to non-registries – "end enterprises"

More of RFC 2050

- Describes needed utilization rates
  - 25% initial and 50% utilization in first year
  - Also described the documentation required
- Short section on "operational Guidelines for Registries"
- Also includes IN-ADDR.ARPA and a Right to Appeal

Is RFC 2050 Up To Date?

- Nobody seems to think so
- Disagreement about how out of date it really is
- Clearly not current in key areas
  - IPv6
  - How further policy is developed
  - Registry operations
  - Assignment windows
  - Special cases

Is There a Problem?

- Maybe not!
  - Just ignore RFC 2050 and move on!
- Does anyone really care?
  - Seems like the answer is yes
  - Disagreement about what to do to replace RFC 2050

Should RFC 2050 be Updated?

- Landscape has been changed dramatically
  - Not just IETF and IANA anymore
    - Never really was this way
- Updating is would be difficult
  - Many more constituents
  - Other registries, ASO AC etc

Has Anything Happened?

- Active discussions in Taipei in August
- Proposal made at ICANN ASO meeting in Stockholm
- Discussion surrounds
  - What would be a replacement
  - How they would be edited
    - And by whom!
  - How they would be published

What Should be Done?

- ARIN sponsors a working group
  - To discuss inside the ARIN region
  - What should be done about RFC 2050
  - Propose alternatives
    - And come to consensus within the region

Pertinent Quote

"Did you hate your life?"

David Conrad
RFC 2050 contributor

RFC 2050 Working Group

- The objective of the RFC 2050 Working Group is to address the issues relating to relevance of RFC 2050 to the needs of today's Internet registry system

- The group will evaluate RFC 2050 and propose a method of replacing it with a new document or documents

- Once consensus has emerged on the process that will be used to replace RFC 2050, the working group will cooperatively develop its replacement

- The working group will work in coordination with the other Regional Internet Registries who will conduct a similar review process in their respective regions

Mailing List

- As usual Working Group activity is coordinated through a mailing list
- Available in the usual way
- http://www.arin.net/members/mailing.htm
- Or
  - Send SUBSCRIBE 2050-WG
  - To majordomo@arin.net

Working Group Milestones I

- Working group formed (10 Sep 2001)
- Provide inventory of issues and policies that RFC 2050 addresses (5 October 2001)
- RFC 2050 Working Group Open Meeting in Miami (29-30 October 2001)
- NOTE: These have been completed.

Working Group Milestones II

- Draft requirements document for rewrite (25 January 2002)
- Draft process for meeting document requirements (25 January 2002)
- Begin to draft the components of the replacement (February 2002)
- Work in coordination with the other Regional Internet Registries
- Public progress report at ASO general assembly meeting (2Q 2002)

Next Step

- Answer the musical question
  - "Any document or documents that purports to replace RFC 2050 must have . . ."
- A requirements document
  - To be completed prior to RIPE meeting in Amsterdam
  - January 2002

Since We Started

- RFC 2050 inventory has been published on the list

- RIPE met in Prague
  - Significant development
  - Rather than have 3 or 4 registries discussing RFC 2050 separately
  - Use a single list
  - Cooperation and coordination

What Next

- Anyone who is interested in addressing should be involved
  - This means you!
- Join the mailing list
- Participate in the discussions in other settings
- Get as many other people involved as possible
  - Goal: building a useful consensus

Finally

- Food for thought
  - Have you ever looked at RFC 2050?
  - What should be in a document that describes how addressing works in the internet?
  - Are some of the premises of RFC 2050 out of date?
  - How should the documents look?
  - Who should write them?
  - What should be in them?
    - And, what shouldn't be?