Organization Of Work On Multicast Transition

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on behalf of many authors
General Problem Statement

The Multicast Transition Problem:

To enable existing multicast distribution mechanisms to work when signalling and content have to traverse one or more boundaries where IP version changes.

- At least a dozen drafts currently exist addressing aspects of this problem
Current Multicast Transition Drafts

- draft-venaas-behave-v4v6mc-framework
- (draft-lee-behave-v4v6-mcast-fwk)
- draft-jaclee-behave-v4v6-mcast-ps
- draft-tsou-v6ops-multicast-transition-v6only
- draft-venaas-behave-mcast46
- draft-jiang-behave-v4v6mc-proxy
- draft-tsou-softwire-6rd-multicast
- draft-tsou-behave-translated-multicast
- draft-sarikaya-behave-mcast4nat64
- draft-ietf-mboned-auto-multicast
- draft-sarikaya-softwire-dslite6rdmulticast
- draft-brockners-softwire-mcast-gids-lite
- draft-qin-softwire-dslite-multicast
- draft-xu-softwire-mesh-multicast
- draft-tsou-softwire-encapsulated-multicast
- draft-tsou-multicast-transition-taxonomy
Background

- The authors of these drafts and other interested parties (30 people) met last night to discuss the work to be done and how it should be organized.
  - Problem statement
  - Solution frameworks
  - Solutions
The Organizational Problem

- The work on multicast transition implicates Working Groups in Applications, Internet, Transport, Routing, Real Time Applications Areas.
  - How to coordinate?
  - How to ensure reasonable priority for multicast transition work in view of the WGs' crowded charters?
  - How to pull together the necessary expertise?
The Question

• Where can this work find a home?
  • For example, which WG would be willing to own the Problem Statement?
  • Candidates: Behave, Softwires, V6ops, Mboned
  • New Working Group?