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-gi-ds-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?