

RENUM BOF agenda

0. Agenda Bash, Intro (5 min)
1. Review of RFC 5887 (Brian Carpenter, 10 min)
2. Main lessons from UNH (Tim Winters, Lincoln Lavoie, 10 min)
3. draft-jiang-ipv6-site-renum-guideline (Sheng Jiang, 15 min)
4. Review RFC 4192, & management model (Fred Baker, 15 min)
5. Brief announcements of "solution space" work (2 min each):
 - 5.1 Border Router Discovery Protocol, draft-boot-brdp-framework (T.Boot)
 - 5.2 IRON renumbering, RFC 6179 (Fred Templin)
 - 5.3 SAM renumbering, draft-despres-software-sam (Rémi Després)
 - 5.4 SLAAC/DHCPv6 conflicts, draft-liu-ipv6-renum-conflicts (Bing Liu)
6. Goals and milestones (30 min)
7. Conclusions (further work justified? WG? Which area?) (10 min)

Summary of draft WG description (wordsmith on renum@ietf.org)

- Renumbering, especially medium to large sites, is an expensive, painful, and error-prone process, avoided by network managers.
- But renumbering is sometimes unavoidable.
- Strategically, it is important to implement and deploy techniques for IPv6 site renumbering, so that as IPv6 becomes universal, renumbering can be relatively routine.
- A systematic address management approach will be essential.
- The task of the RENUM WG is to identify specific site-wide renumbering problems, and to develop solutions to address those problems, or to stimulate such development in other WGs.
- The principal target will be solutions for IPv6, but solutions that apply equally to IPv4 may be considered.
- RFC 4192, RFC 5887 and draft-jiang-ipv6-site-renum-guideline are starting points.

Proposed WG Charter targets

- Initial goals/deliverables:
 - Develop draft-jiang-ipv6-site-renum-guideline as a roadmap for the WG and for items that should be specified by other WGs
 - The result of this work will be a more specific list of goals and deliverables
 - Develop a management model for site renumbering.
- Milestones
 - Jul 2011 draft-jiang-ipv6-site-renum-guideline ready for WGLC
 - Sep 2011 draft-jiang-ipv6-site-renum-guideline ready for IESG
 - Oct 2011 management model ready for WGLC
 - Nov 2011 recharter with specific goals and deliverables
 - Dec 2011 management model ready for IESG