

MBONED
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Marshall Eubanks

E-GLOP

- Dave Meyer and I submitted proposals to ARIN, RIPE and APNIC to instantiate the e-GLOP proposal (RFC 3138)
 - It became rapidly apparent that this was a long term (likely > 1 year) proposition.
 - However, I started working with IANA, and now I am not sure that there is a need for e-GLOP service from the RIRs, as this could be folded into IANA's work.
 - Should there be a new RFC to support this ?

Address Assignment Issues

- Are we on the verge of an IPTV Multicast address assignment land-rush ?
- In April, I became the IESG Expert to IANA for this.
- There appears to be 3 basic classes of requests (so far)
 - Edge device developers that want one address
 - Financial services (such as stock exchanges)
 - IPTV

IPTV Land Rush ?

- IPTV as it has developed uses IP Multicast.
- True, it is mostly a closed network use, but
 - This is mostly ASM
 - There is thus a need for addresses anyway
 - One obvious path to open deployment is to push outside content into these networks
 - I think that many of the IPTV developers are well aware of this
- This could represent a large number of address assignments.
 - 10,000's of /24's is not out of the question.

IPTV Land Rush ?

- One /8 (and there are several available) is of course 2^{16} /24's, or 65,536, so in principle we could support an IPTV land rush if we wanted to.
 - The eGLOP space represents 1024 such /24's.
- These people really need SSM, especially if they want to do interdomain multicast video.
 - There needs to be a smooth solution for SSM -> ASM conversion on a domain boundary.
- My idea is to
 - Write an RFC allowing IANA to assign eGLOP.
 - Assign IPTV blocks in that space, along with 32 bit ASN number space.
 - Should 32 bit ASN assignments be as automatic as GLOP ?
 - Anyone interested in a RFC cookbook for SSM -> ASM conversion ?
 - Could / should this be done with AMT ?

draft-ietf-mboned-addrarch

- I regard this as a very important draft
 - It is stuck on address assignment issues.
- Primary issues are
 - IPv4 unicast-prefix-based
 - Is there an interest in resurrecting this ?
 - (Speak now, or...)
 - eGLOP
 - I feel comfortable with a way forward here.

Charter Issues

- In Prague, we discussed a new charter for MBONED.
- There was a spirited discussion about the role of MBONED.
- Is MBONED going to remain
 - Committed to end to end deployment issues ?
 - Including but not limited to inter-AS issues ?
 - All the other issues are just timing and details.
 - (IMHO)