

Multicast Lessons Learned

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Background

- During a side meeting last summer it was mentioned that we really need a document discussing multicast lessons learned.
- Discussed in Philly and came up with the draft as an initial effort with much more to go. This is not a BCP.
- Purpose is to help understand the previous development work to help understand the current work. Perhaps this will help with broader understanding of multicast and ongoing efforts for improvement.
- We start with DVMRP because that is really how multicast started on the Internet. We solved problems w/DVMRP and made design choices.
- IGMPv1 -> IGMPv3 and MLD
- DVMRP -> PIM-DM -> PIM-SM w/MSDP -> PIM-SSM

Current protocols/topics addressed

3. Lessons learned about IP Multicast over the last 30 years

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Next steps

- We were only focusing on major issues/lessons learned and didn't plan to include all protocols. But wg feedback was to include everything.
- Will continue to make steady progress, feedback appreciated.