



Mandatory features in a multicast VPN solution

[draft-ietf-l3vpn-mvpn-considerations-03](#)

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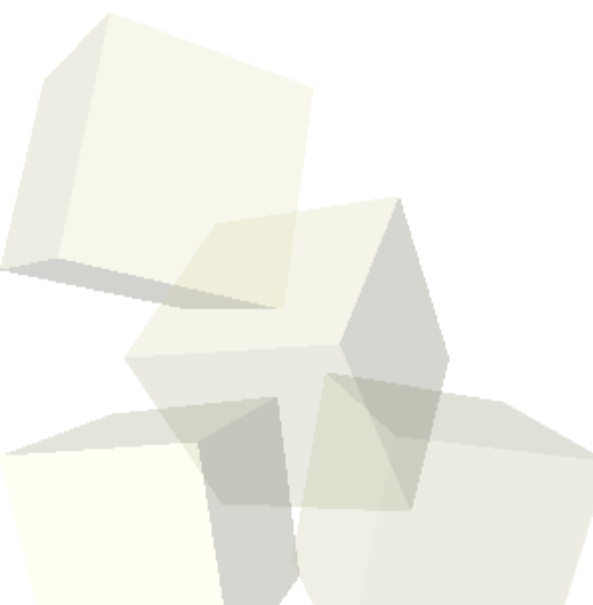
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- draft-ietf-l3vpn-mvpn-considerations was adopted one year ago
- the document defines a subset of features considered mandatory for a multicast VPN implementation
- there was a WG last call last June
- revisions -04 and -05 followed to address the comments made





Changes in revisions 04 and 05 [1/2]

- Section 3.3.6 on Extranet and C-multicast routing was removed
- Many improvements were brought to the comparison of the scalability of the different C-multicast routing options, in Appendix A:
 - add a section explaining how the observations on SSM generalize to ASM
 - put evaluation of the cost of a single PE joining in a separate sub-section, and include ASM
 - avoid introducing variables in the SSM/BGP scenario, using a possible RR meshing as a solution
 - many editorial clarifications to avoid misunderstanding
 - for instance, make sure it is clear that PIM Join suppression is taken into account
 - update sections referring to this Appendix accordingly

[...]

Changes in revisions 04 and 05 [2/2]

[...]

- A short section was added to explain why the PE-CE multicast routing protocol is not considered when comparing PE-PE C-multicast routing options
- Add a sentence in 3.3.7 « Conclusion on C-multicast routing » to better explain the role of this section
- Many editorial changes:
 - some clarifications and style updates
 - consistency of the terms used, e.g.:
 - use « P-tunnel » instead of « P-multicast tree »
 - use « C -multicast routing » instead of « signaling »
 - add/update references
- Removed 'Intended status' line in draft header (left-over from early revisions of the draft)



- One pending item: comparison of C-multicast routing options for inter-AS
 - Possible next step is a proposition of additional text from Eric Rosen on the inter-AS subsection of section 3.3
- Apart from this, we think that WG LC comments were addressed in recent revisions
 - (or were addressed on the list)
- The goal is to progress this document which complements the two solution drafts that are already in IESG

