Remote LFA FRRdraft-ietf-rtgwg-remote-lfa-03

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Where is 03

- Hopefully on the IETF website otherwise at
  https://www.dropbox.com/s/yvzvvra3ie8ojv0/candidate2%20-draftietf-rtgwg-remote-lfa-03.txt
Since -02

- Clarified definition of PQ and remote LFA
- Added cost definition to topological definition of P and Q spaces
- Added cost based RLFA calculation
- Corrected error in label stacks (section 7)
- Replaced coverage information with results of more modern study
- Added management considerations
Node Repair?

• Should we merge with node repair
  – (As an author) my view is no. We should ship the draft which (mea culpa) is overdue.
(extended)P-space

• P-space and/or extended P-space
• P-space is useful in understanding the concept
• Extended P-space is what you would normally calculate
• P nodes and extended P nodes may have different forwarding considerations so you may need to know which is which
• The cost algorithm just calculated extended P-space, the text talks about both.
Cost Based Algorithm

• There is a stylistic difference of opinion between the editor and one reviewer.
• I think that this is just style rather than protocol correctness and prefer to be careful with the number of columns needed.
LFA vs always RLFA

• The text (from way back) proposes RLFA as an extension to LFA.
• One reviewer proposes always using RLFA for manageability reasons.
• There is no routing correctness issue since both are correct in their own right and a router can arbitrarily use either or both from a reachability perspective.
• Question – do we leave the text as it is in version 3, or do we purge LFA other than and a precursor and method of understanding RFLA?
TLDP Address

• We all agree we need a protocol to do this properly, and there seems to be consensus that this need to be specified in the IGP group.
• A protocol is the only automatic method that has guaranteed correctness.
• What else?
  – Management configuration – this seems like a fundamental requirement
  – Pick an address – current text says the lowest local address.
    • Is this necessary?
    • Is this sufficient?
  – Any other method?
Are we ready?

• Any other issues?
• Is the text ready to ship?