

draft-filsfils-rtgwg-lfa-applicability-00

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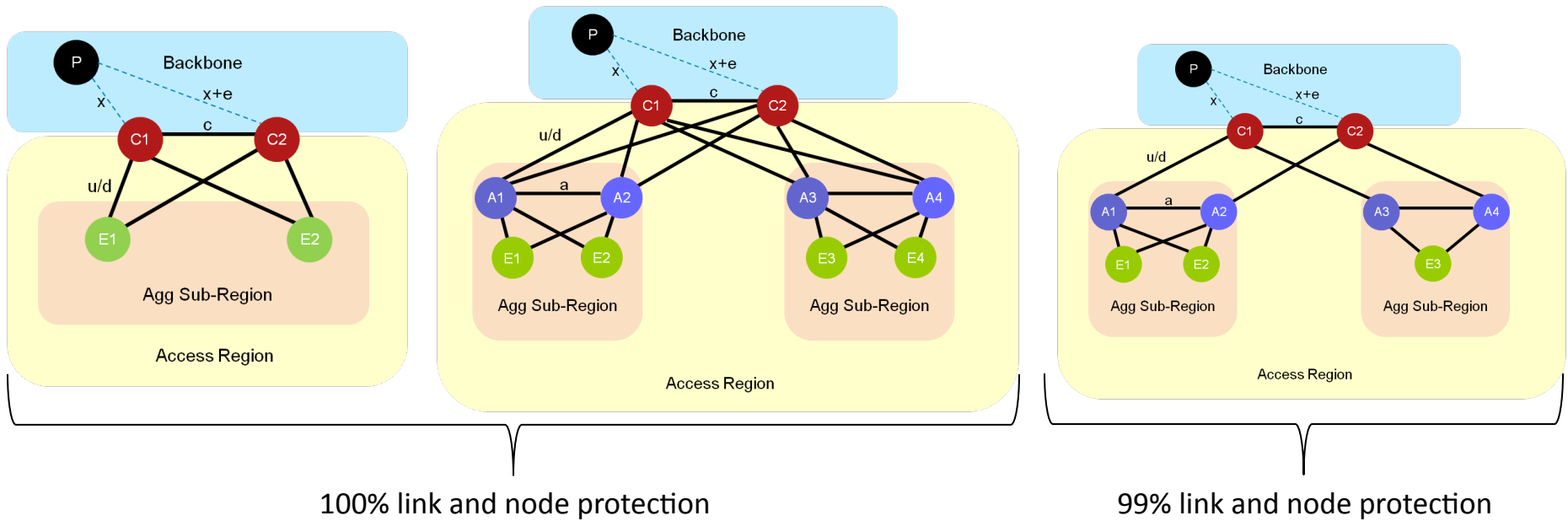
Abstract

We analyze the applicability of LoopFree Alternates in both core and access parts of Service Provider networks. We provide design guides to favor their applicability where relevant, typically in the access part of the network.

Content

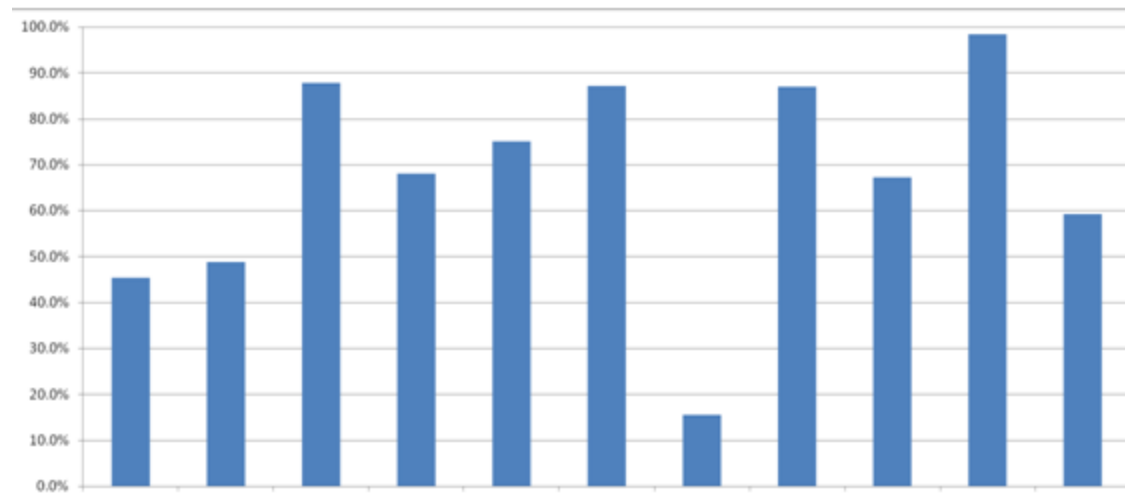
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Access/Aggregation Topologies



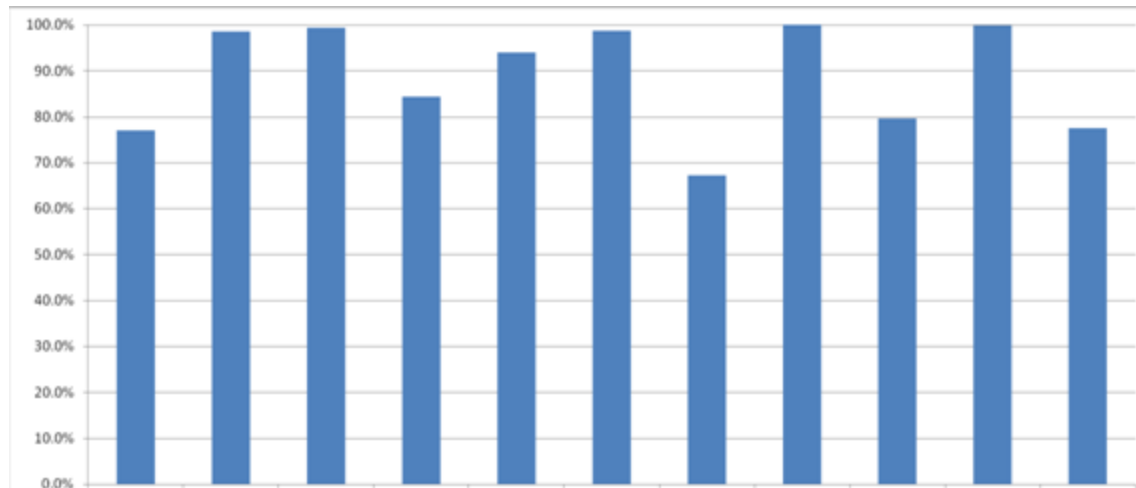
- Example: draft-leymann-mpls-seamless-mpls-01

Core Topologies - Per-link LFA



Our data set is based on 11 SP core topologies with different geographical scopes: worldwide, national and regional. The number of nodes range from 600 to 16. The average link-to-node ratio is 2.3 with a minimum of 1.2 and maximum of 6.

Core Topologies - Per-prefix LFA



Our data set is based on 11 SP core topologies with different geographical scopes: worldwide, national and regional. The number of nodes range from 600 to 16. The average link-to-node ratio is 2.3 with a minimum of 1.2 and maximum of 6.

Next Step

- Planned addition to the draft
 - Multicast
 - Capacity Planning Process
- Open to any comment and/or request
- Propose working-group status, Informational objective