Update to LSR

Dynamic Flooding

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Issues discussed at Prague

- LANs in the FT: LANs can be in the FT. In centralized mode, if a LAN (pseudonode) is included, then all nodes on that pseudonode are on the FT through the LAN. In distributed mode, more selective flooding is optional.
  - Closure: Accepted
- Temporary additions: Agreed that nodes should rate limit temporary additions to the FT. Too slow, we impact convergence. Too fast, we risk cascade failure.
  - Closure: Accepted implementation defined rate limiting

Other changes since Prague

- Advertising the FT: We've added a bit in the Link Attributes sub-TLV (IS-IS) and added a Link Attributes TLV to OSPF. This is taken from draft-cc-lsr-flooding-reduction's FT bit.

- Bug fix: In the Flooding Request TLV in an IIH, we listed a field as CircuitType. This was confusing. It's a bit mask of the levels that are requesting flooding. It should be a subset of the Circuit Type.

More changes

- Changed the OSPF Area Router ID TLV to support multiple routers, improving density.
- Clarified that the Area Leader enables Dynamic Flooding in centralized mode by advertising the flooding topology and that Dynamic Flooding is disabled otherwise.
- Allowed a backup Area Leader to advertise a backup flooding topology.
- Welcomed Huaimo Chen as co-author
- Asking (again) for early allocation