

RSVP-TE Extensions for SRLG Configuration of FA

CCAMP WG, IETF 81th, Quebec City, Canada

draft-zhang-ccamp-srlg-fa-
configuration-03.txt

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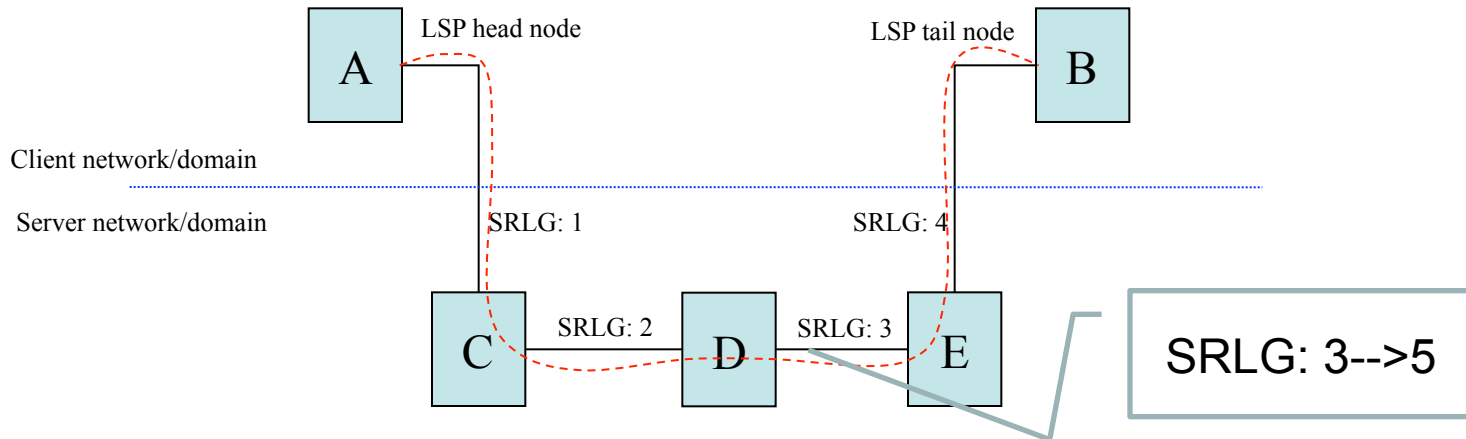
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Changes from 02.txt

- Added a section to describe the SRLG update procedure
 - To address the comments from the last meeting
- Added the content for Manageability Considerations

SRLG Update



1. SRLG of the Link between D and E is changed.
2. D detects the change of SRLG (from 3 to 5).
3. D finds out the LSP that traverses the link between D and E, then sends a Notify message to the head node of the LSP to re-collect the SRLG.
4. A receives the Notify message, then sends the Path message as a trigger message (RFC2961) to C to re-collect the SRLG.
5. The nodes collect the SRLG information hop by hop by the trigger Path/Resv messages, then A/B get the updated SRLG information.

Manageability Considerations

- Policy Configuration
 - Policy could be configured to disable/enable SRLG collection outside of the domain (either inter-domain or inter-layer scenarios).
- Coherent SRLG IDs
 - SRLG IDs must be unique and allocated based on a coherent rule.
 - Further scenarios, where coherence in the SRLG IDs cannot be guaranteed are out of the scope of the present document and are left for further study.

Next Steps

- Adopt it as a WG document
- Refine it according to the feedback from the meeting or mailing list