Extensions to RSVP-TE to Support Route Exclusion Using Path Key Subobject

CCAMP WG, IETF 89th, London, UK draft-zhang-ccamp-route-exclusion-pathkey-01.txt

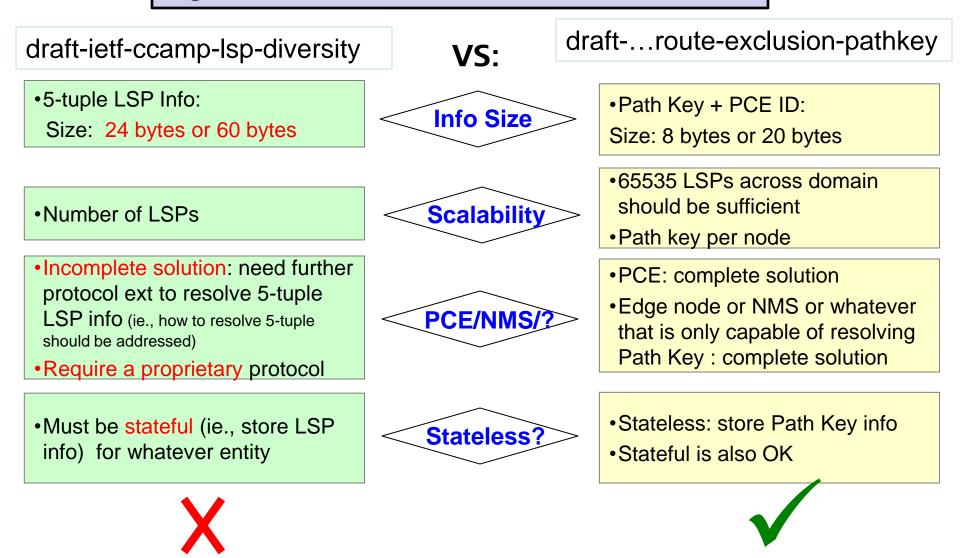
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Changes from Version 00

- Added explanation of how the Path Key can be resolved
 - -A dedicated or co-located PKS resolution entity, e.g., a PCE (note: do not need full PCE function); => NO extensions to PCEP is needed.
 - -NMS or other proprietary mechanisms
- Modified the RSVP-TE XRO PKS format and improved processing text;
 - Keep it consistent with RFC5553
 - L bit explanation and how to handle if Path Key cannot be decoded
- Added Manageability Consideration
 - -PKS uniqueness
 - -Path Key re-use
 - -Path key update

Comparison and Analysis

Objective is the same: exclude a confidential path segment from another LSP.



Next Step

- Add Attribute Flag to indicate exclusion type
- Make PCE-ID field generic
- Effort to achieve one common solution
 - -Would be happy to work with the authors of other drafts to find a common solution, which will lead to one merged draft
 - -Requirements analysis
 - -Gap analysis on solutions
- Any more comments?