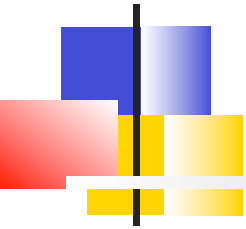
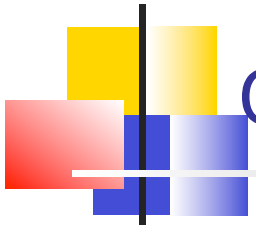
Generic Aggregation of Resource Reservation Protocol (RSVP) for IPv4 and IPv6 Reservation over PCN domains



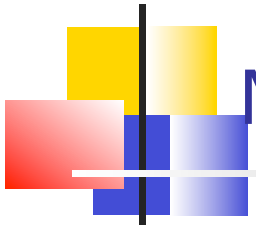
draft-ietf-tsvwg-rsvp-pcn-07

Georgios Karagiannis, Anurag Bhargava



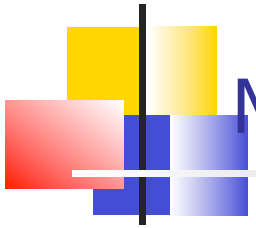
Outline

- Main Changes
- Next steps



Main changes

- Comments of Bob were worked out in Version 6
- During WGLC received comments from Francois and worked them out
- After submission of version 07 received comments from David

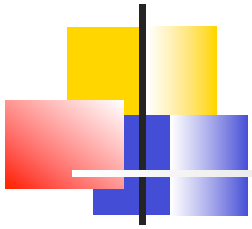


Main changes: comment Francois

- Clarify split of functionality between PCN-ingress-node (Aggregator) and PCN-egress-node (Deaggregator):
  - Solution:
    - Specified when the PCN-ingress-node performs admission control based on PCN specification, i.e., when PCN-admission-state: Block
    - Specified when Deaggregator performs admission control based on RFC4860

Solution of splitting functionality is problematic

- After discussions between Francois, James, Bob and Georgios we concluded:
- Since RSVP is receiver oriented, locating the Decision Point at the PCN-ingress-node requires that two types of admission control need to be supported, which is problematic:
  - admission control at the Decision Point (Aggregator)
  - admission control at the PCN-egress-node (Deaggregator)
- Acceptable solution for people that participated in discussions:
  - Use only one place where admission control is done by locating PCN Decision Point at the PCN-egress-node instead of locating the Decision Point at the PCN-ingress-node (complying to RFC6661 and RFC6662 - PCN edge behavior drafts)
  - support signaling requirements for messages between Decision Point and PCN-Ingress-Nodes (complying to Section 3 of RFC6663)



Next steps

- authors think that within four weeks a new draft can be submitted
- new WGLC should follow after that