

PCEP Extensions for WSON Impairments

<draft-lee-pce-wson-impairments-04.txt>

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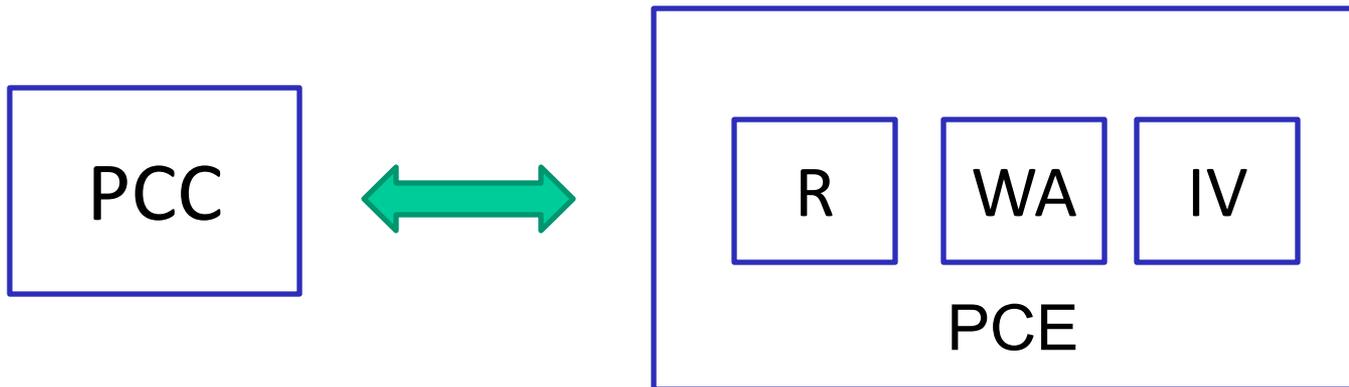
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Reasons for Update

- WSON Impairment Framework [RFC 6566] has been published in March 2012.
- There have been renewed interests in WSON Impairment work. Impairment-aware PCEP addresses Impairment Validation Function within PCE capability



Updates from the last version

- A few more Signal Quality Measure were added in constraining optical path computation (sections 2.1.1.1 and 2.1.2.1)
 - Power
 - CD
- A new requirement was added (Section 2.1.2)
 - The ability to specify the impairment compensation level (such as power level) along the path.
 - Encoding using existing RSVP-TE ERO with modification is suggested (per RFC 5440]

Next Steps

- Is there enough interest from PCE WG on this work?