

Generic PCEP Association & Protection Association Type

draft-ietf-pce-association-group-04
draft-ananthakrishnan-pce-stateful-path-protection-04

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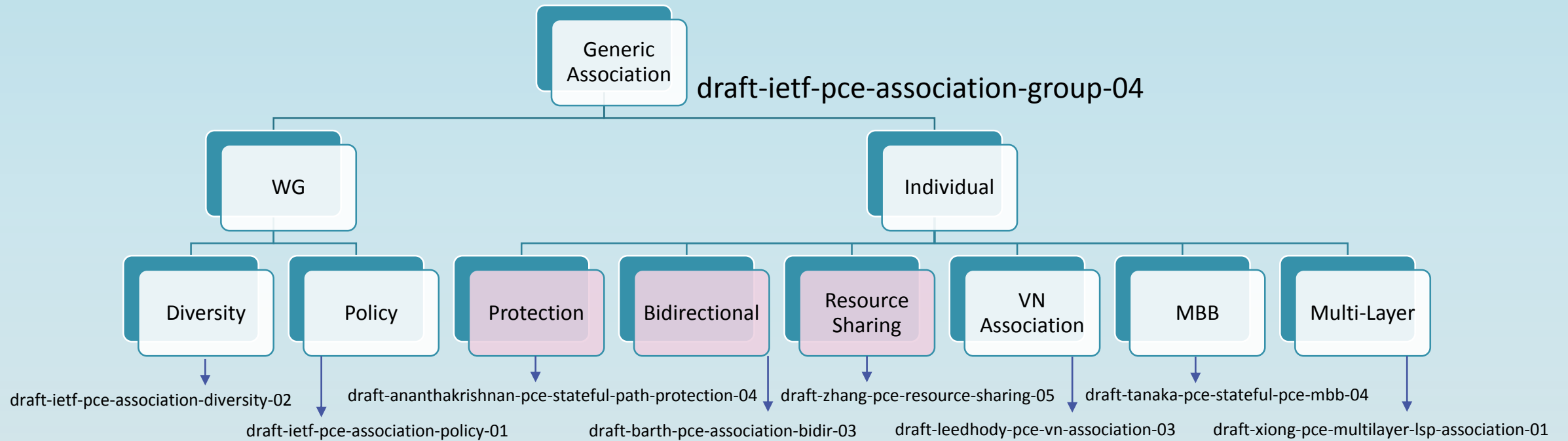
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Association WG draft

- draft-ietf-pce-association-group-04
 - -03 was presented in IETF 99 remotely
- A generic mechanism to create a grouping of LSPs in the context of a PCE.
 - ASSOCIATION Object is defined for this purpose.
 - Support for Dynamic Association (protection) as well as Operator-Configured Associations (policy)
- IANA early code-point allocation was done!
 - Thanks Chairs, AD

Association Types



On the agenda today!

Generic Association is useful and ready for WG LC!

Protection Association Draft

- draft-ananthakrishnan-pce-stateful-path-protection-04
- The very first association type that was originally published in June 2014
 - along with generic association draft
- -01 version was last discussed during IETF 95 (Buenos Aires)
- What: PCEP extension to associate 2 or more LSPs to provide path protection!
- How: Define “Path Protection Association Type” and re-use ASSOCIATION object.
 - Path Protection Association Group (PPAG)
 - Path Protection Association TLV where flags are defined
 - P (PROTECTION-LSP) - Working or protection LSP
 - S (STANDBY) - standby mode (protection LSP established prior to the failure)

Update Since -01

- Text around 'dynamic association' as per draft-ietf-pce-association-group-04
- Error Handling text
 - The endpoints and Tunnel ID MUST be same for all LSPs in the association group
- Procedures for various Stateful PCE operations
- Security and Manageability Considerations
- Editorial changes to make text aligned to other documents

- WG Adoption?
 - Useful feature
 - Draft has been stable and a good base for the WG
 - Known Implementation

