



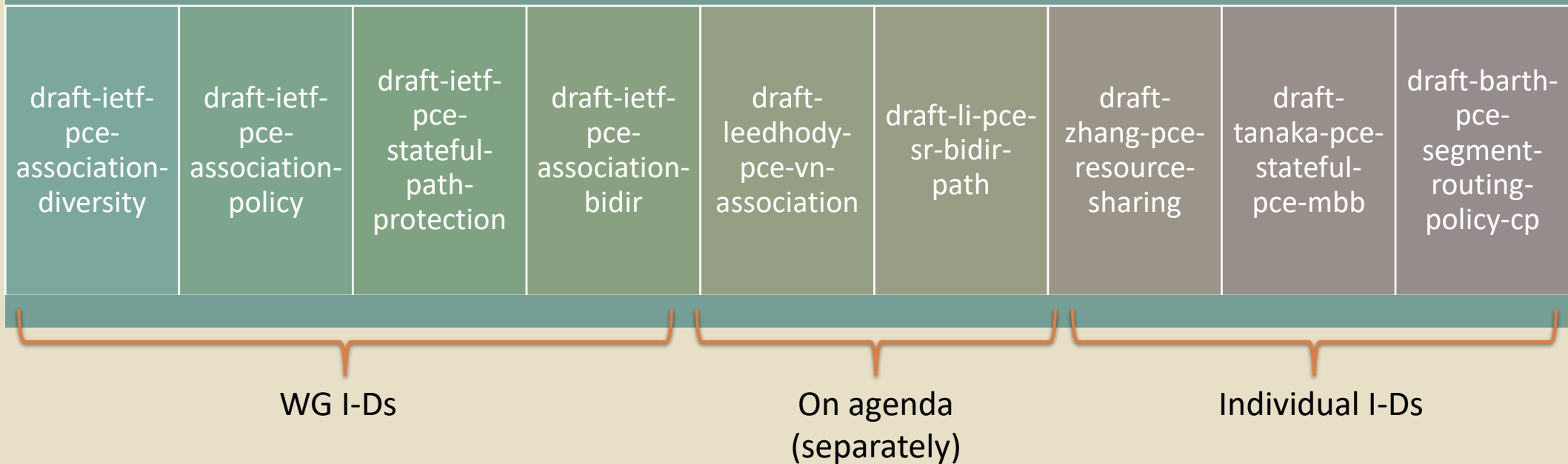
PCEP ASSOCIATION GROUP

& the “associated” drafts!

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The Association Landscape...

draft-ietf-pce-association-group

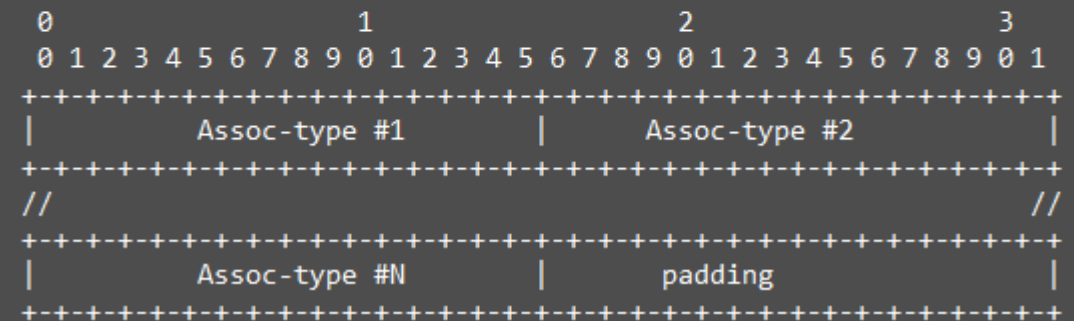


draft-ietf-pce-association-group-06

- Status: WG LC done
- Last update: One pending comment from Cyril to add “capability advertisement/discovery” for the associations is handled.
- Discovery of Supported Association Types
 - A new PCEP ASSOC-Type-List (Association Types list) TLV is defined to be carried in OPEN.
 - The use of ASSOC-Type-List TLV is OPTIONAL.
 - Thus the absence of the ASSOC-Type-List TLV in an OPEN object MUST be interpreted as an absence of information on the list of supported association types (rather than the association-type is not supported).
 - Association type can be marked as ‘mandatory’
 - A missing Assoc-type in the ASSOC-Type-List TLV (or missing ASSOC-Type-List TLV) is to be interpreted as the association type is not supported by the PCEP speaker.

The PCEP ASSOC-Type-List TLV has the following format:

```
TYPE:      TBD
LENGTH:    N * 2 (where N is the number of association types)
VALUE:     list of 2-byte association type code points, identifying
           the association types supported by the sender of the Open
           message.
```



Ready for next step!

Now, any I-D that defines a new association type should...

...specify if the association type advertisement is mandatory

- or not!

...state if the association type is dynamic, operator-configured or both!

- Operator-configured Association Range needs to be set for 'both'!

Update to the WG I-Ds

draft-ietf-pce-
association-
diversity-04

- Capability advertisement (mandatory)
- Dynamic and Operator-Configured
 - Operator-configured Association Range must be set
- Other editorial changes...

draft-ietf-pce-
association-
policy-03

- Capability advertisement (mandatory)
- Operator-configured

Others

draft-zhang-pce-resource-sharing-06

- No update

draft-tanaka-pce-stateful-pce-mbb-06

- Capability advertisement (mandatory)
- Dynamic
- Error Handling
- Editorial Changes

draft-barth-pce-segment-routing-policy-cp-00

- New I-D for associating various candidate SR path belonging to a SR-TE policy
- SR Candidate Path Association Group
 - with a TLV to identify SR-TE policy (Color, Destination end-point, Preference)

Next Step

- This is quite a useful feature..
 - Evident from the list of association types being specified...
- Let get the shepherd reviews done for association group and ship to the IESG
 - We could then decide the order for other association types!



THANKS!