

P2MP Policy

draft-hsd-pce-sr-p2mp-policy

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Draft evolution as it stands now

- Discussions with Dhruv, Thank you for taking time! My apologies for not adding you to the contributor section will correct that.
 - Agreed to the CCI Object for replication segments. It is used to identify the entire cross connect of incoming segment and the set of outgoing Interfaces and their corresponding SIDs/SIDList.
 - Any modification to the cross connect should use this CCI ID to identify the cross connect uniquely
- Two separate messages for crafting a P2MP policy and Replication segment
 - Previously they could be created via the same PC-Init message
 - Draft has been updated to describe message use case workflows, incl. CCI usage
- Everything else as it was before
 - ERO is still used for forwarding instruction
 - Multipath-backup TLV is used for protection

New Replication Segment

<Common Header>

<SRP>

<P2MP LSP>

(<cci-list> |

(<CCI><intended-path>))

<cci-list> ::= <CCI>

[<cci-list>]

<intended-path> ::= ((<PATH-ATTRIB><ERO>)

[<intended-path>])

Next Steps

- Asking for adoption of this draft

Thank you!