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!