Reply to Sender

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br-pelissier-ReplyToSender-0811
Our Network
The Multicast Group
The E-channel

It's now multipoint on each end. If a frame is reversed (CN, e.g.), the port on the C-comp to which the internal PE is to forward is ambiguous.
The Better E-channel

A potential fix: Make one port on the C-comp and PE be part of the E-channel.

In the connection_identifier, include both the port map (as we do now) and the ingress_ECID

Ambiguity is removed since we are now back to point to multipoint.
Sending a Reply Frame

- Both CN and CFM require the ability to send a frame to the sender of another frame
  
  Not exactly path reversal
  
  Source address of original frame becomes destination address of reply frame
  
  Source address of reply frame is that of the port returning the frame, *not* the destination address of the original frame
  
  Return path not necessarily the same as the original path

- To construct a return frame within a Port Extender:
  
  Source and destination address as above
  
  VLAN as specified in CN / CFM
  
  E-TAG copied from original frame to reply frame
  
  The potential transmission port selection rules in 802.1BR 7.11.1 send the reply frame in the correct direction
Thank You!