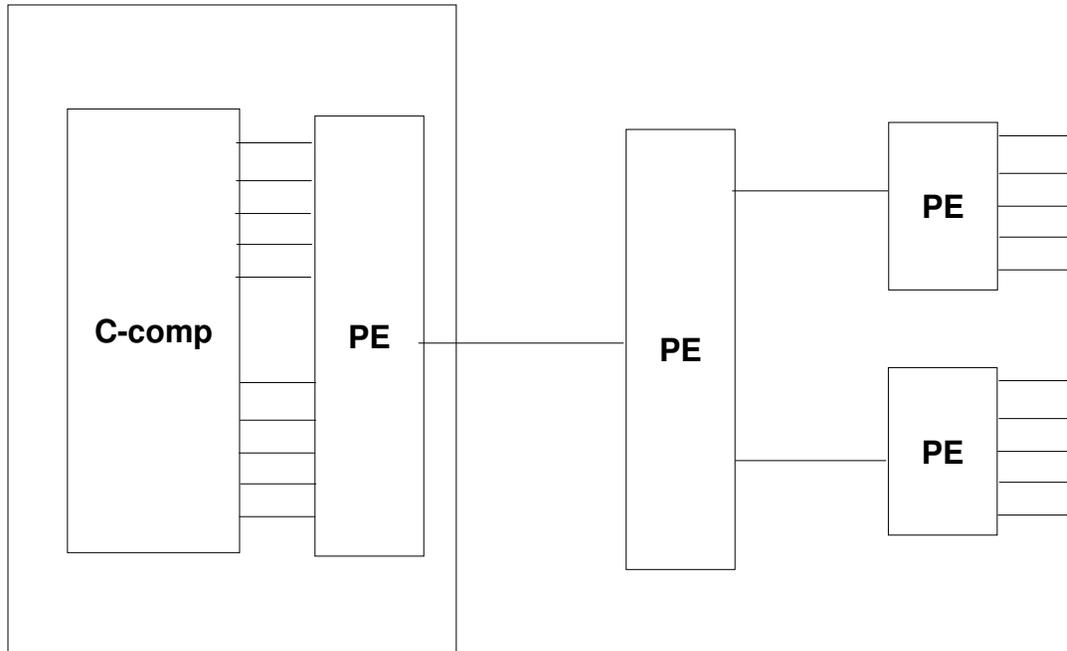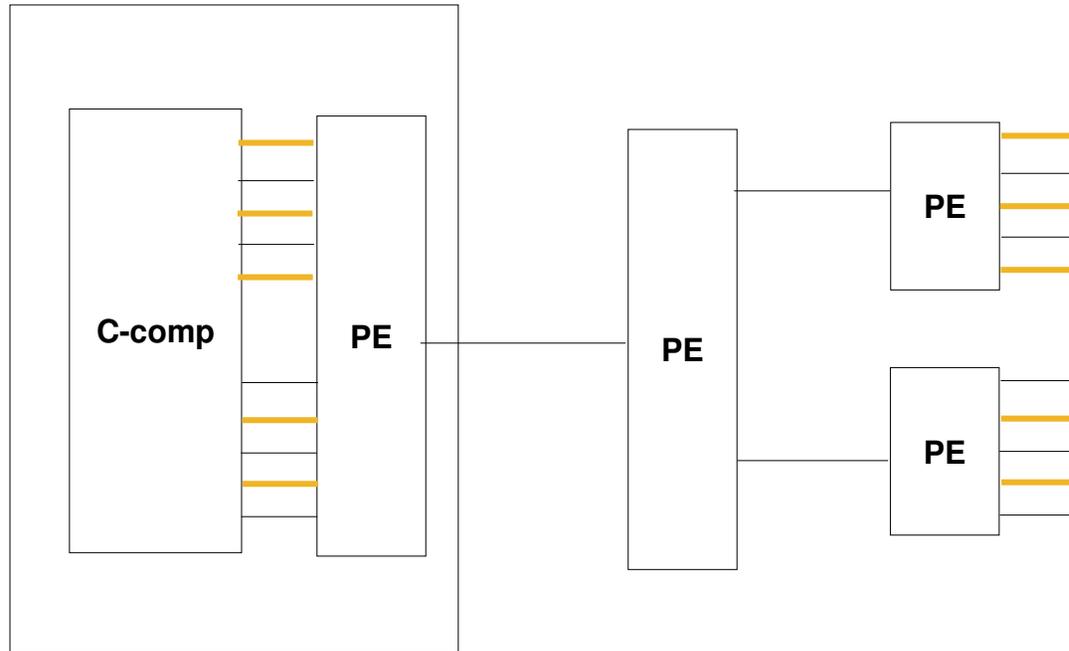# Reply to Sender

Joe Pelissier
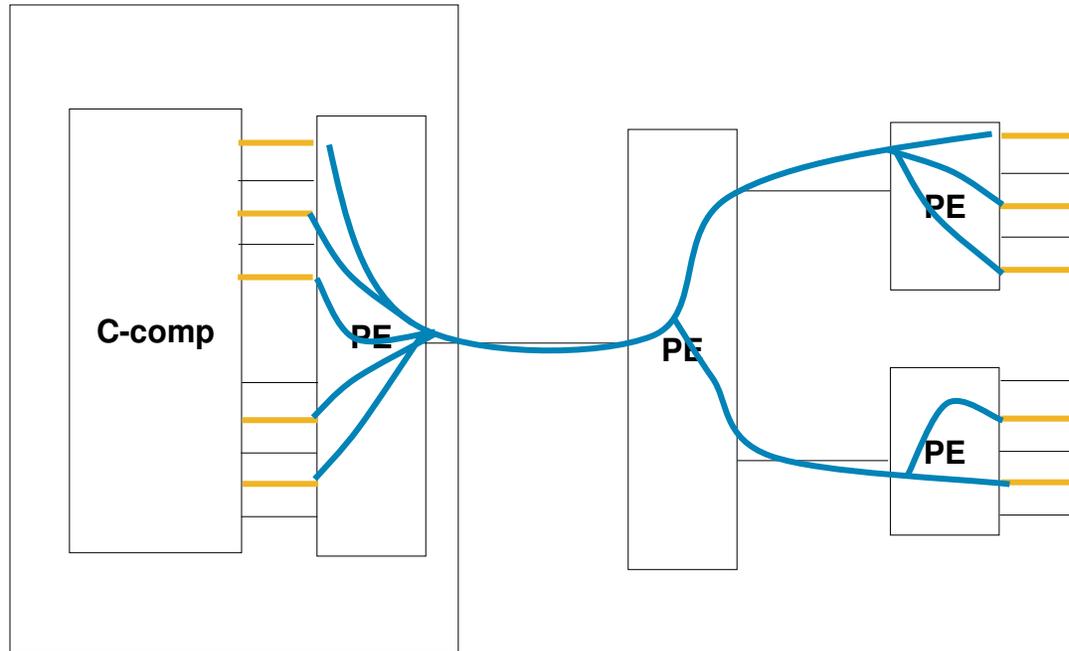
br-pelissier-ReplyToSender-0811

Our Network

The Multicast Group

The E-channel

Its 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.
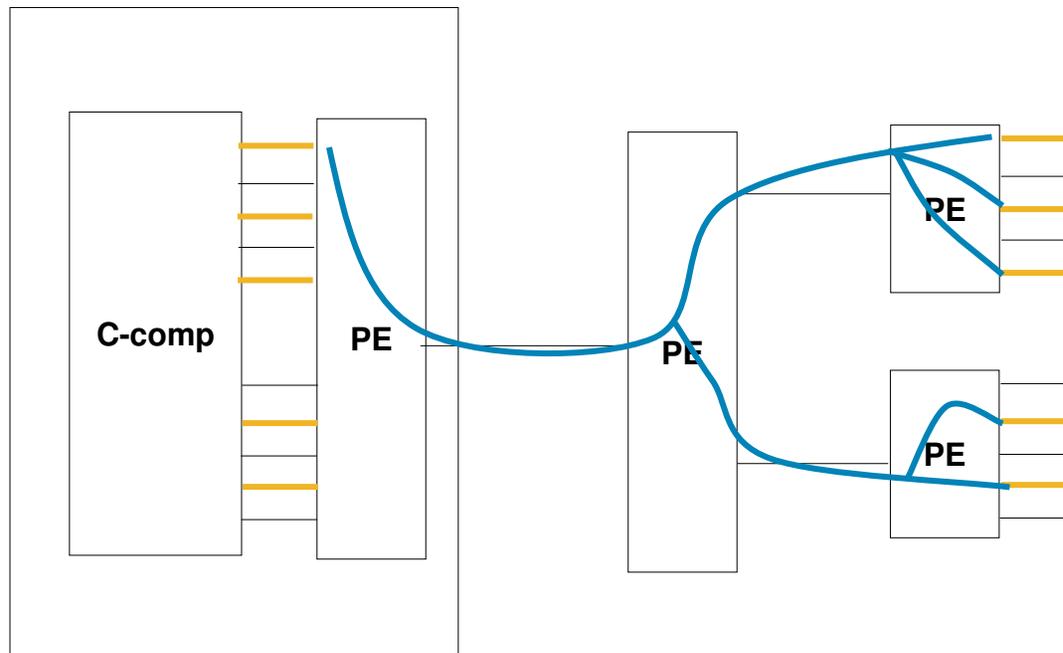
The Better E-channel

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!