



Could MSRP be used to select a stream path ?

802.1 AVB IEEE Interim
Kaua'i Jan 2011

Philippe Klein, PhD
Broadcom Technology Group

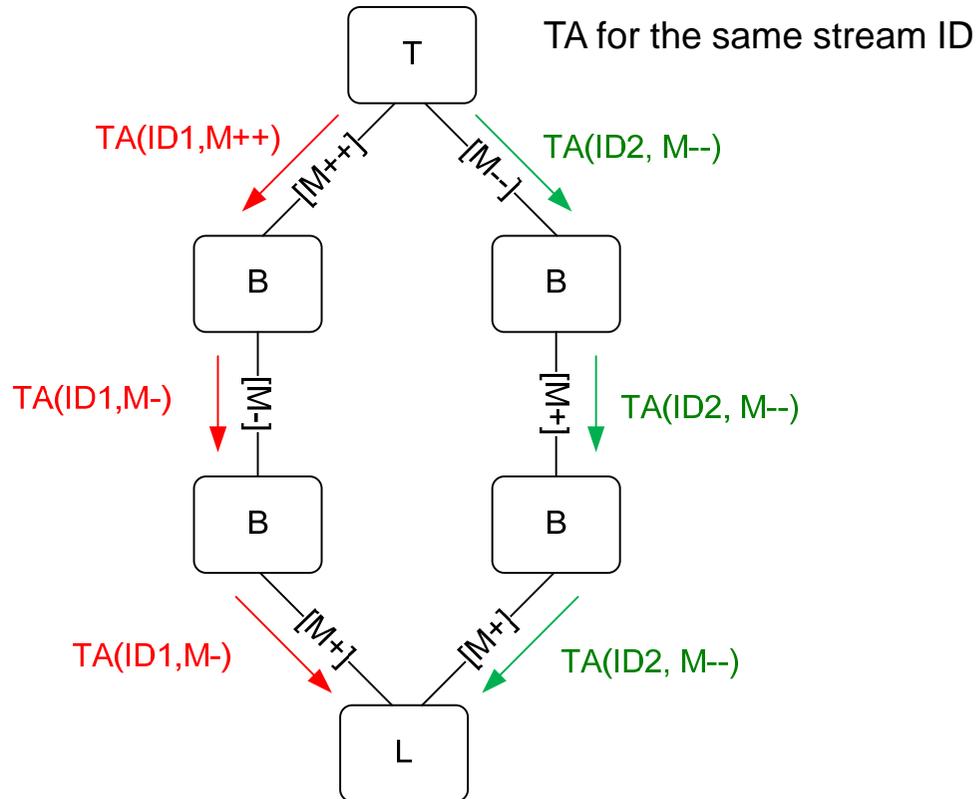
Could MSRP be used to select a stream path ?



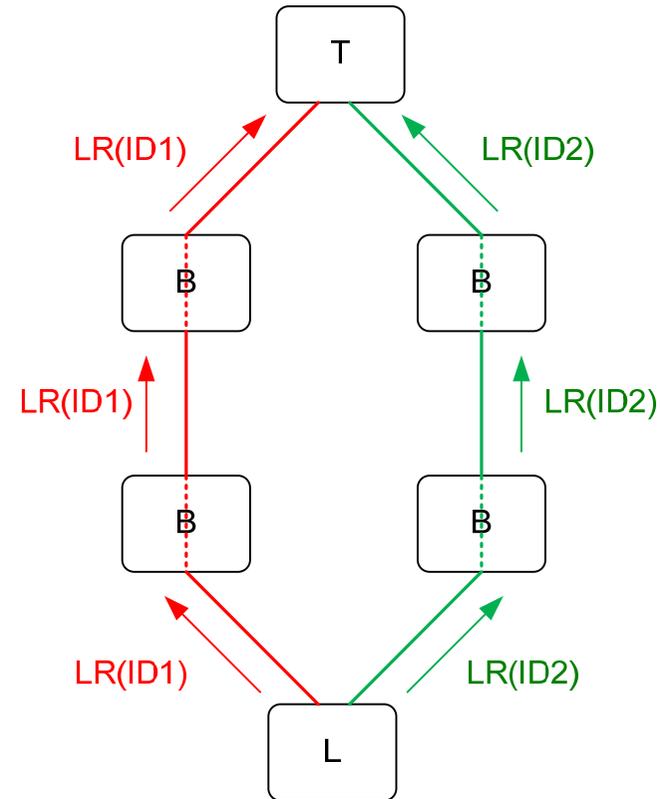
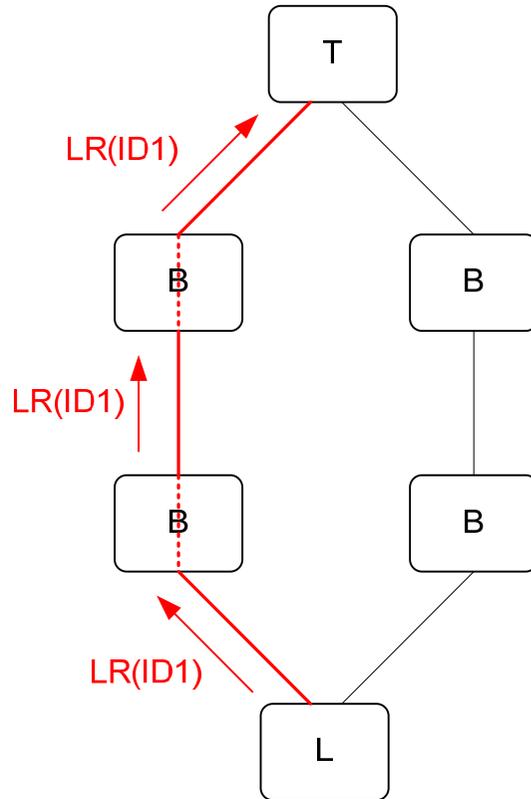
- **Idea:**

- Adding Metrics (Delay, PER, Link Bit Rate "stability",...) to Talker Advertise MSRPDU
- Advertising Talker Advertise MSRPDU over all the links (outside the data SPT)
- The Talker Advertise MSRPDU Metrics are demoted to any lower link metrics , found allow the path to the Listener.
- A Listener getting multiple Talker Advertisement MSRPDU for the same stream thru multiple ports could select the most adequate one.
- The Stream's path is created by the MSRPDU Listener Ready transmitted from the Listener to the Talker.

Could MSRP be used to select a stream path ?

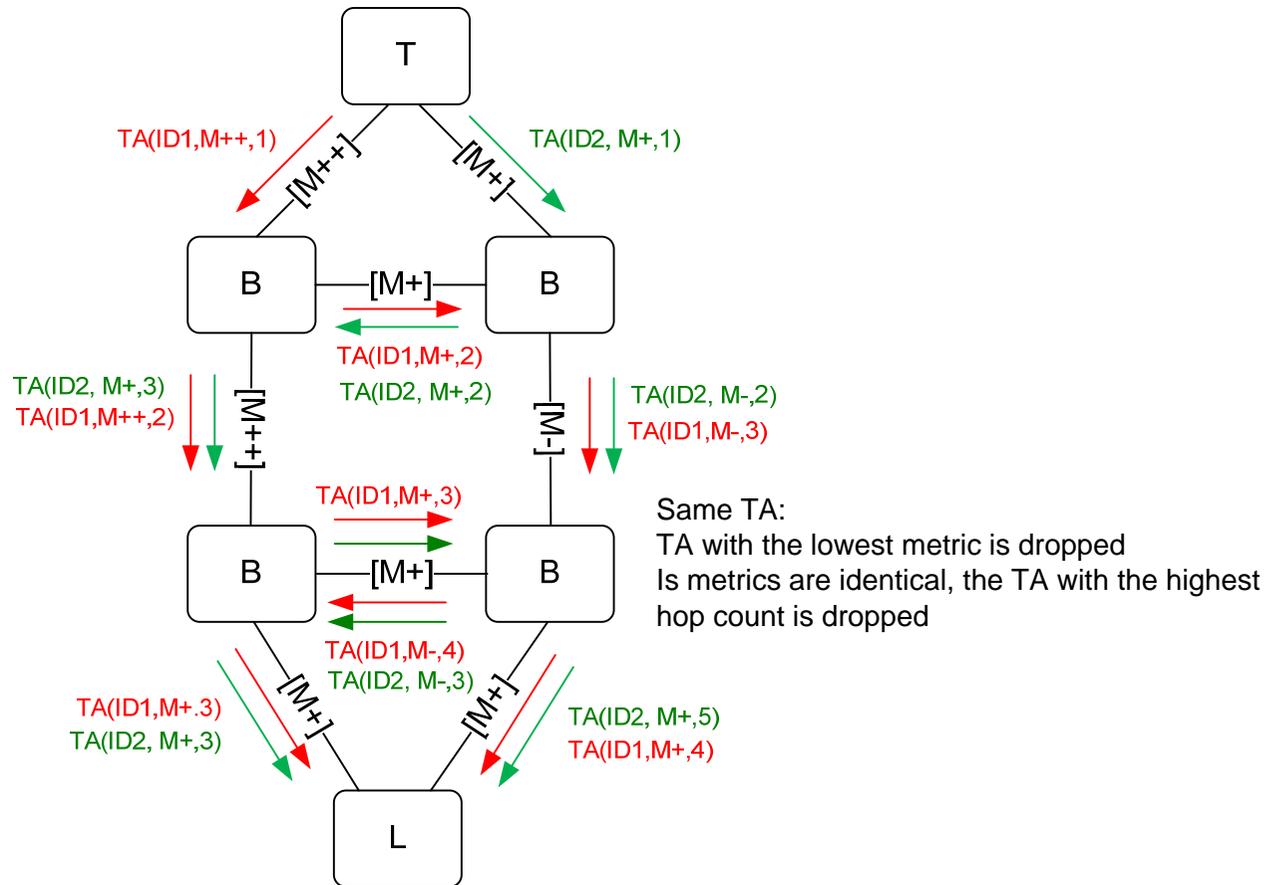


Could MSRP be used to select a stream path ?

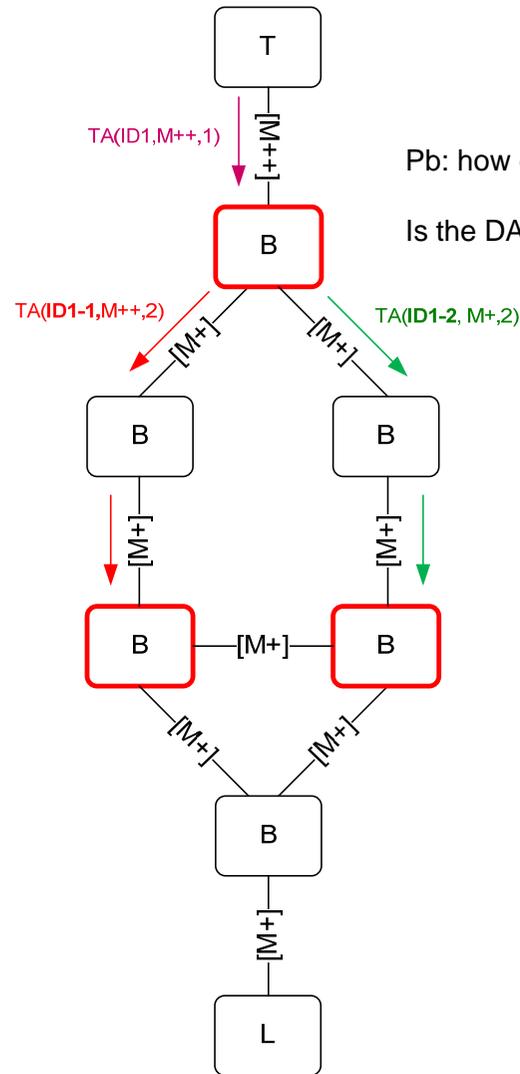


Redundancy case

Could MSRP be used to select a stream path ?



Could MSRP be used to select a stream path ?



Pb: how do the bridge split here between 2 IDs ?

Is the DA enough , so there is no need to ID ?