

802.1Qbp CFM – in one slide

CCM VLAN	DA is SPBM default I-SID SPsourceID+00-00-FF	Take advantage of installed forwarding state for SPBM default I-SID All to all CCMs, provision MAID and expected MEP IDs Tests endpoint reachability, not all paths >> Should another address be used , e.g., another reserved I-SID? (SPBM default I-SID address is intended for control traffic) >> Is there a need to use (test) arbitrary group addresses (trees)?
CCM path	DA is individual address of CBP Cycle through Flow Hash values	Tests multiple paths between two points; use TE-SID to identify MA MEPs located in TESI multiplexer ; <SA, DA, VID> selection Send each Flow Hash 4 times to cause RDI in case of path fault Correlate RDI with Flow Hash via cycle location, sending rate, path delay >> Is 4 repetitions of each flow hash enough?
LBM	DA is any individual/group address Use PBB-TE MIP TLV to target MIP	Use same MIP datapath as for PBB-TE
LBR	DA is LBM SA	No change here from VLAN CFM case >> Need for LBM TLV to provide LBR flow hash value?
LTM	DA is any individual/group address Flow Hash for individual address	Same rules as PBB-TE, allowing multiple Egress ports Use flow hash in FDB lookup, if required
LTR	DA is Original MAC Address from LTM PDU	No change here from VLAN CFM case