mp2mp - single PBBN

CCM

CFM:mDA is Reserved Group MAC address

I-SI #a CCM is flooded to all B-VLAN #X egress ports located on CBPs

Most CBPs discard received I-SI #a CCMs
mp2mp - single PBBN CCM

Translate CFM:mDA into DA=G|G|OUI|ISID

Translate DA=G|G|OUI|ISID into CFM:mDA

Prevent I-SI #a CCM flooding in B-VLAN #X
- replace CFM Group MAC address by I-SI specific Group MAC address within B-VLAN scope (note: no longer MD level encoding in CFM:mDA possible!)
- register I-SI specific Group MAC address within B-VLAN Relays (potential scalability issue)
mp2mp - multi PBBN, single carrier
CCM, LBM, LTM

Translate CFM:mDA into DA=G|G|OUI|ISID

Translate DA=G|G|OUI|ISID into CFM:mDA

DA for LBM and LTM?
mp2mp - multi PBBN, multiple carriers
CCM0, LBM0, LTM0, CCM1, LBM1, LTM1 ("0": level 0, "1": level 1)

Translate CFM:mDA into DA=G|G|OUI|ISID

Translate DA=G|G|OUI|ISID into CFM:mDA

DA for LBM0, LBM1, LTM0 and LTM1?
p2p - multi PBBN, single carrier
CCM, LBM, LTM

Translate CFM:mDA into DA=G|G|OUI|ISID

Translate DA=G|G|OUI|ISID into CFM:mDA

DA for LBM and LTM?
p2p - multi PBBN, multiple carriers
CCM0, LBM0, LTM0, CCM1, LBM1, LTM1 (“0”: level 0, “1”: level 1)

DA for LBM0, LBM1, LTM0 and LTM1?
p2p - multi PBBN, multiple carriers
I-LAN link failure or B-BEB node failure \(\Rightarrow\) AIS (Y.1731)
p2p - multi PBBN, single carrier
configuration mistake in I-SID Translation

cross connect failure report: RxCCM(b) ≠ ExCCM(c)
p2p - multi PBBN, multiple carriers
configuration mistake in I-SID Translation

config mistake

cross connect failure report: RxCCM(b) ≠ ExCCM(c)