

R2 (P)

R3 (P)

mldp_defmdt_mp2mp.pcapng

LDP Label Mapping Message

ID LSR ID	10.0.0.2
FEC Element Type	MP2MP-up (7)
FEC Element Length	4
Root Node Address	10.0.0.3
Label	3012
FEC Element Type	MP2MP-down (8)
FEC Element Length	4
Root Node Address	10.0.0.3
Label	2008
ID LSR ID	10.0.0.2
FEC Element Type	MP2MP-down (8)
FEC Element Length	4
Root Node Address	10.0.0.3
Label	2008

LDP Label Mapping – advertises a local label binding for a FEC (prefix) to the peer; downstream LSR assigns labels and propagates upstream to build the LSP hop by hop

LDP Label Mapping Message

ID LSR ID	10.0.0.3
FEC Element Type	MP2MP-down (8)
FEC Element Length	4
Root Node Address	10.0.0.3
Label	2008
FEC Element Type	MP2MP-up (7)
FEC Element Length	4
Root Node Address	10.0.0.3
Label	3009

LDP Label Mapping – advertises a local label binding for a FEC (prefix) to the peer; downstream LSR assigns labels and propagates upstream to build the LSP hop by hop