

R1 (PE)

R2 (P)

mldp_inband_ipv46.pcapng

LDP Label Request Message

LSR ID	10.0.0.1
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LDP Label Request Message

LDP Label Mapping Message

LSR ID	10.0.0.2
FEC Element Type	P2MP (6)
FEC Element Length	4
Root Node Address	10.0.0.1
Label	21

LDP Label Mapping Message

FEC Element Type	P2MP (6)
FEC Element Length	4
Root Node Address	10.0.0.1
Label	20

Frame 1 |
2020-08-04T14:30:16.576704Z

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