

R2 (P)

R3 (P)

mldp\_inband\_vpnv46.pcapng

LDP Label Request Message

LSR ID	10.0.0.2
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Frame 1 |  
2020-07-31T20:01:08.429788Z

LDP Label Request Message

LDP Label Mapping Message

LSR ID	10.0.0.3
FEC Element Type	P2MP (6)
FEC Element Length	4
Root Node Address	10.0.0.2
Label	3010

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

FEC Element Type	P2MP (6)
FEC Element Length	4
Root Node Address	10.0.0.2
Label	3009