

R2 (P)

R1 (PE)

ldp_address_mapping.pcapng

LDP Label Mapping Message

ID LSR ID	10.0.0.2
FEC Element Type	Prefix FEC (2)
FEC Element Length	32
Label	2011

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

TCP (ACK)

Frame 2 | 2020-05-03T19:19:28.918023Z

Source Port	646
Destination Port	16877
Stream index	0

LDP Label Mapping Message

ID LSR ID	10.0.0.1
ID LSR ID	10.0.0.1
FEC Element Type	Prefix FEC (2)
FEC Element Length	32
Label	1000

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

TCP (ACK)

Frame 4 | 2020-05-03T19:19:31.372415Z

Source Port	16877
Destination Port	646
Stream index	0