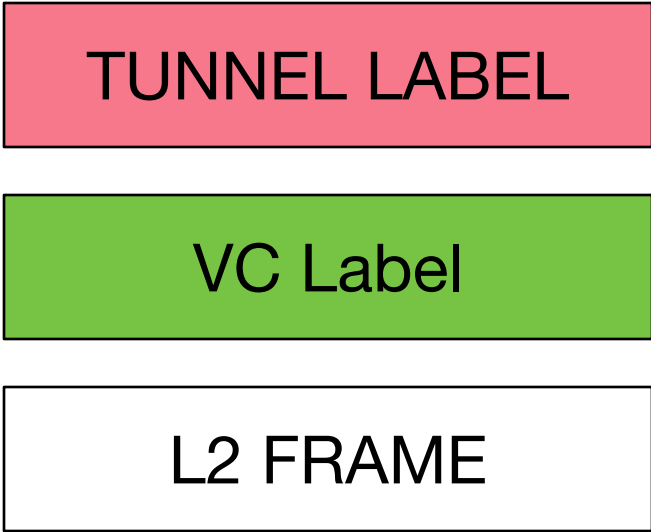
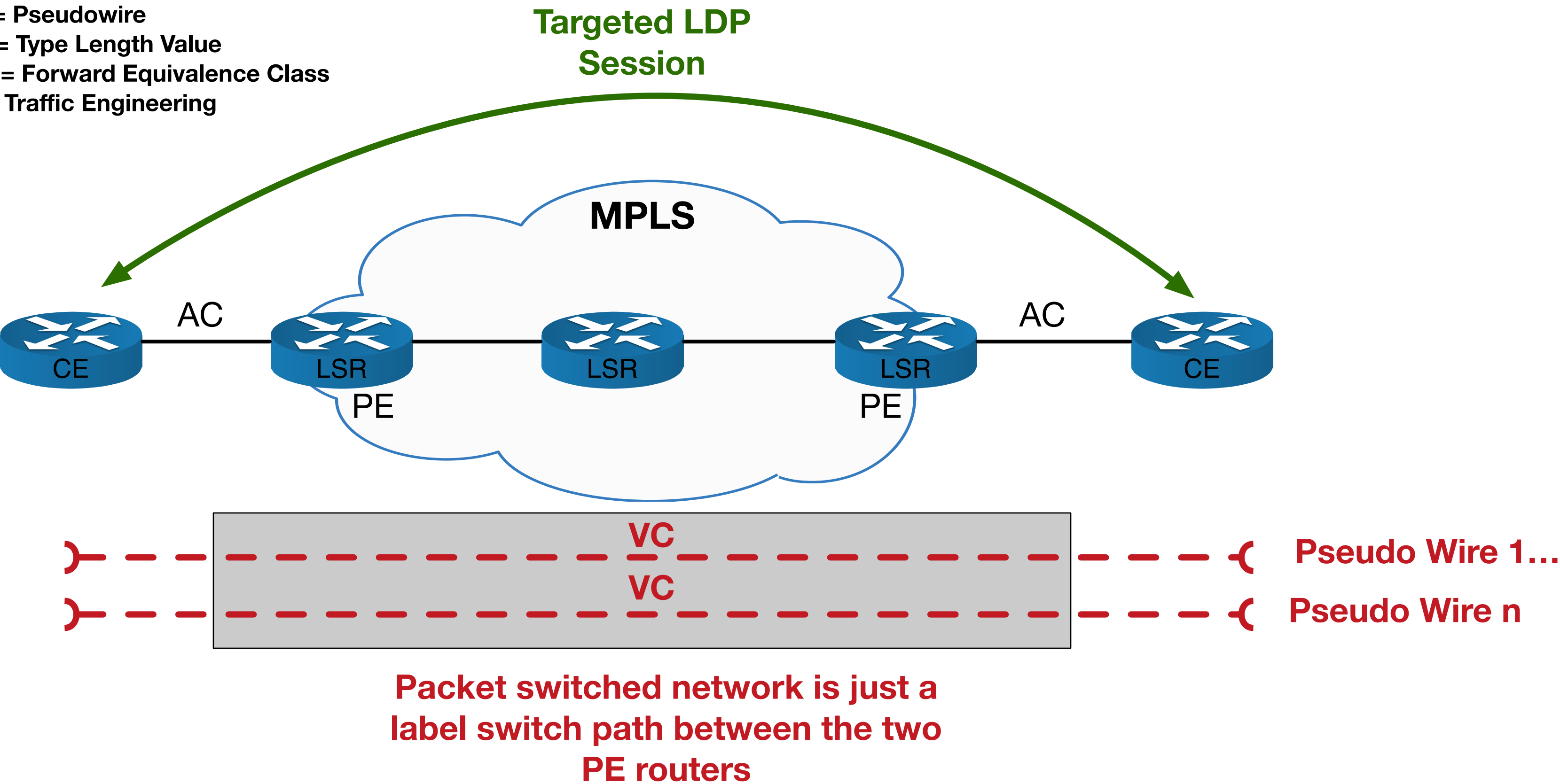


**Acronyms**  
LDP = Label Distribution Protocol  
AC = Attachment Circuit  
PE = Provider Edge  
LSR = Label Switched Router  
VC = Virtual Circuit  
PW = Pseudowire  
TLV = Type Length Value  
FEC = Forward Equivalence Class  
TE = Traffic Engineering



Communicated via standard LDP/TE

Communicated via targeted LDP Session



## LABEL MAPPING MESSAGE

PW ID FEC TLV	
Part	Meaning
C-bit	1 = control word is used
PW Type	Type of pseudowire (Ethernet, Frame Relay etc...)
Group ID	All Acs on same interface are in the same group
PW ID	Identifies the pseudo wire (VC ID)
Interface Parameters	Need to match to form PW. MTU of CE facing port, requested VLAN ID etc

Label Mapping TLV	
Used by LDP to Advertise VC Label	

Each Label Switched Path is unidirectional - it will only form if it is up in both directions - determined by looking at PW ID FEC TLV

Each pseudowire (represented by a VC/PW Label) maps to an AC.

Signalling of the pseuduowire is done using *label withdrawals* or *PW Status TLVs* (*PW Status TLVs* allow for signalling of more than just the down state)