



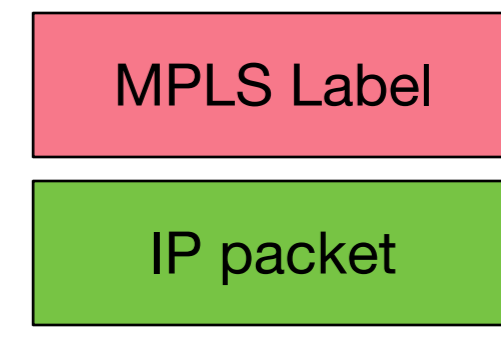
IP PHB - forwarding treatment is based on IP Precedence or DSCP bits (Tunnelled DiffServ Information) in the IP Header.

MPLS PHB - forwarding treatment is based on the EXP bits in the MPLS label

How IP Precedence and DSCP are mapped to EXP, and vice versa, will depend on the LSP type (L-LSP or E-LSP) and what policies, if any, the provider has implemented.

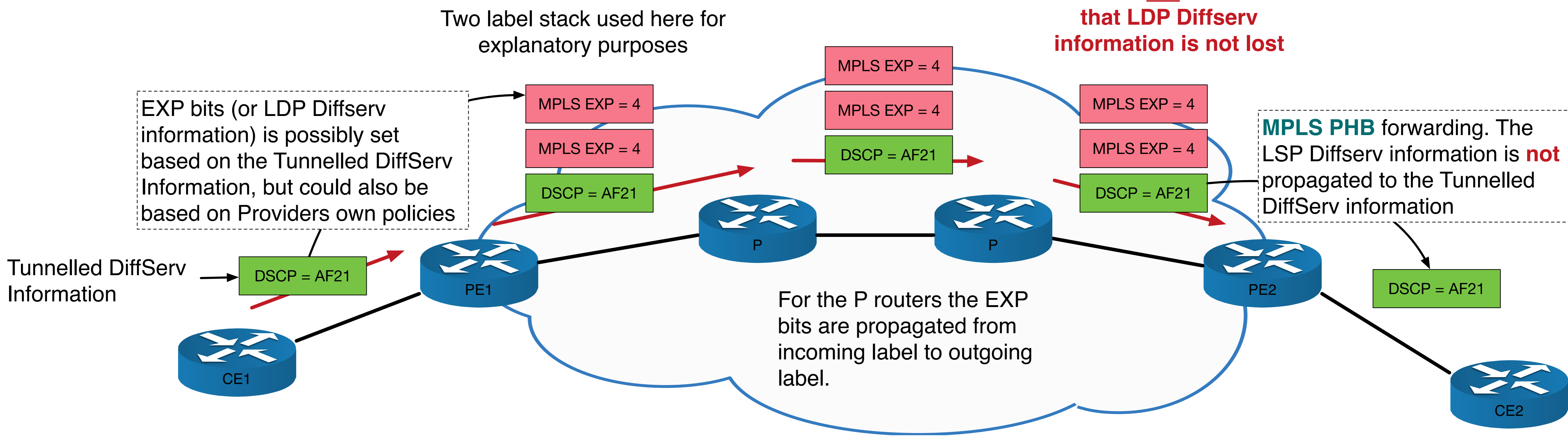
MPLS DiffServ Tunnelling Models

Pipe and Short Pipe models are good for transparently connecting separate DiffServ domains without interfering. Any remarking the provider does is not propagated to the tunnelled packets. Conversely, the Uniform model is useful when all networks need to behave as a single DiffServ domain

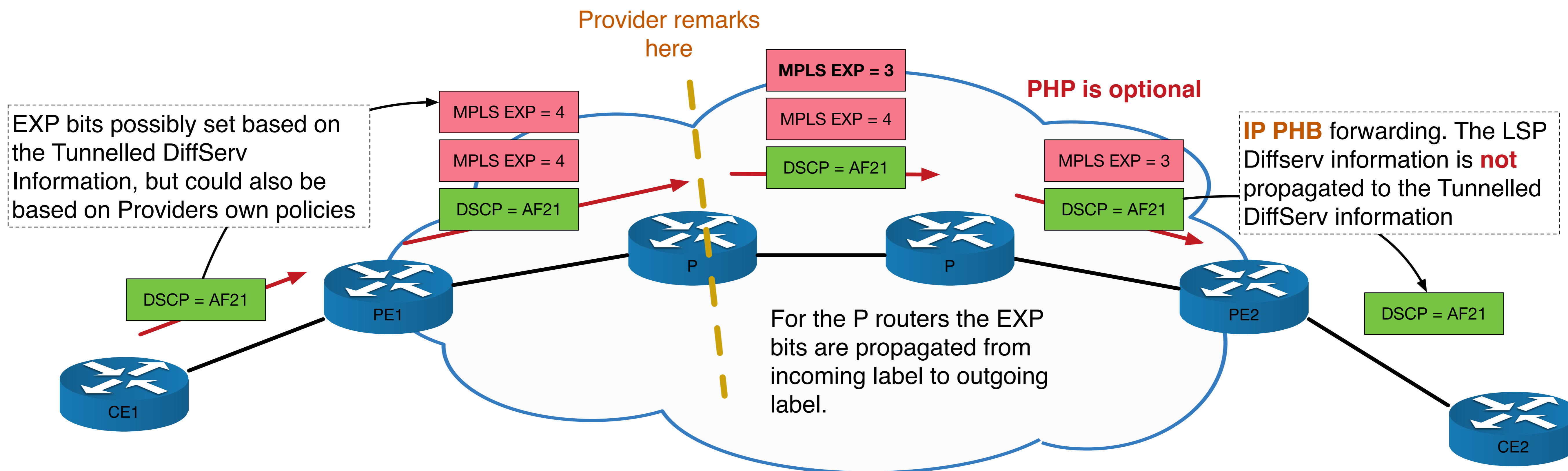


Note that MPLS packets could also be tunnelled.

Pipe



Short Pipe



Uniform

