

multi-protocol encapsulation over MPLS

draft-moreels-multiproto-mpls-00.txt

jeremy.de_clercq@alcatel.be

context

- L2VPN with different AC types
 - inter-working needed
- requirement 1: “local termination” of AC in addition to “extended AC”
 - don’t require e.g. PE with Ethernet interfaces to understand ATM inter-working specifics
 - draft-moreels and draft-sajassi list arguments
- requirement 2: multi-protocol encapsulation header (over MPLS) when no a priori knowledge of carried service
 - e.g. routed and bridged service over same AC
 - e.g. DSL aggregation: ATM-MPLS migration

draft-moreels proposal [for requirement 2]

- [I know this is not in PPVPN charter]
- use an existing encapsulation, that the majority of targeted applications feel comfortable with
- LLC-SNAP/NLPID
- agreement between draft-moreels and draft-sajassi authors to come up with a single proposal

presentation positioning and goal

- PPVPN is chartered to do L2VPN
 - previous slides identify an important L2VPN application
- PPVPN to acknowledge usefulness of multi-protocol encapsulation (over MPLS)
- PPVPN to bring the requirements for MP-encapsulation to the Appropriate WG
 - => which WG ?