

VPLS Solution using GRE

draft-tsenevir-gre-vpls-01.txt

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Characteristics

No explicit Tunnel setup required

Only provides semantics to GRE key

Relies on VPN discovery methods for Key distribution

Stateless Tunnels

Issues

Present VPN discovery methods are tied to a specific Tunneling Method (MPLS).

Inability monitor “liveliness” of Remote PE

Proposal

Discovery methods to be generic -
attribute to identify associated tunneling
Method

VPN application level OAM

Current OAM Proposals are specific to a tunneling method