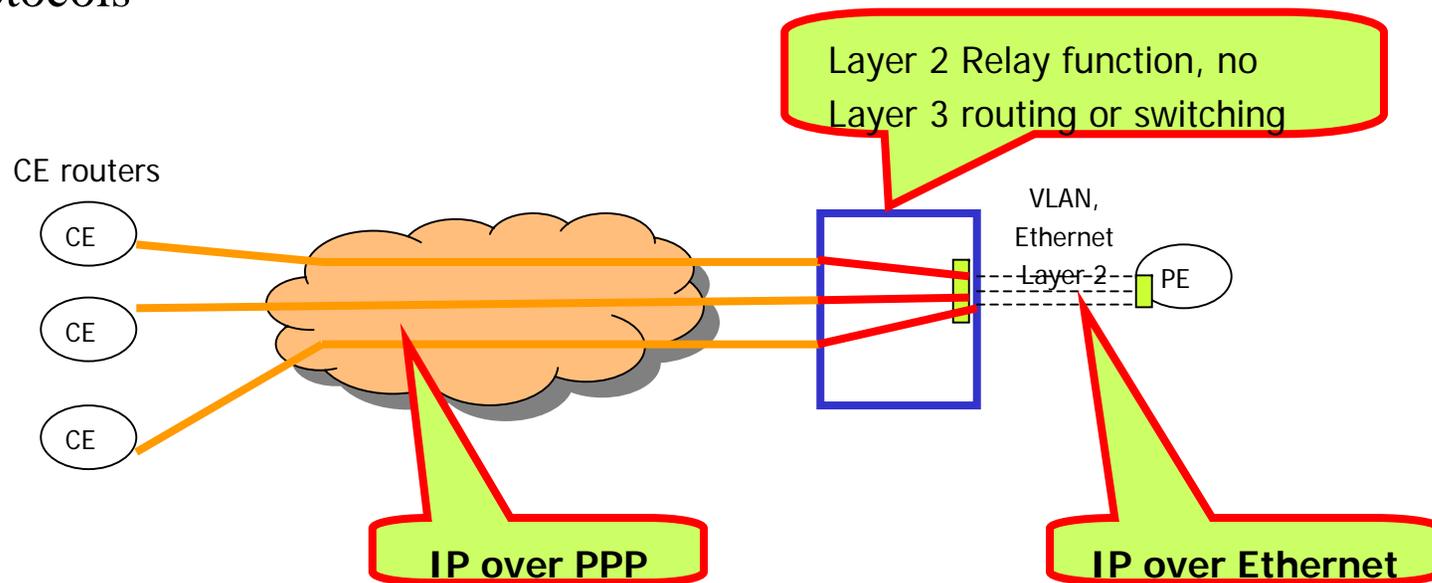


The title is set against a background that is split into two parts. On the left, there is a close-up photograph of several light-colored wooden puzzle pieces. On the right, there is a blue background with a circular, ripple-like pattern and faint binary code (0s and 1s) overlaid.

Extension to Provider Backbone Bridges

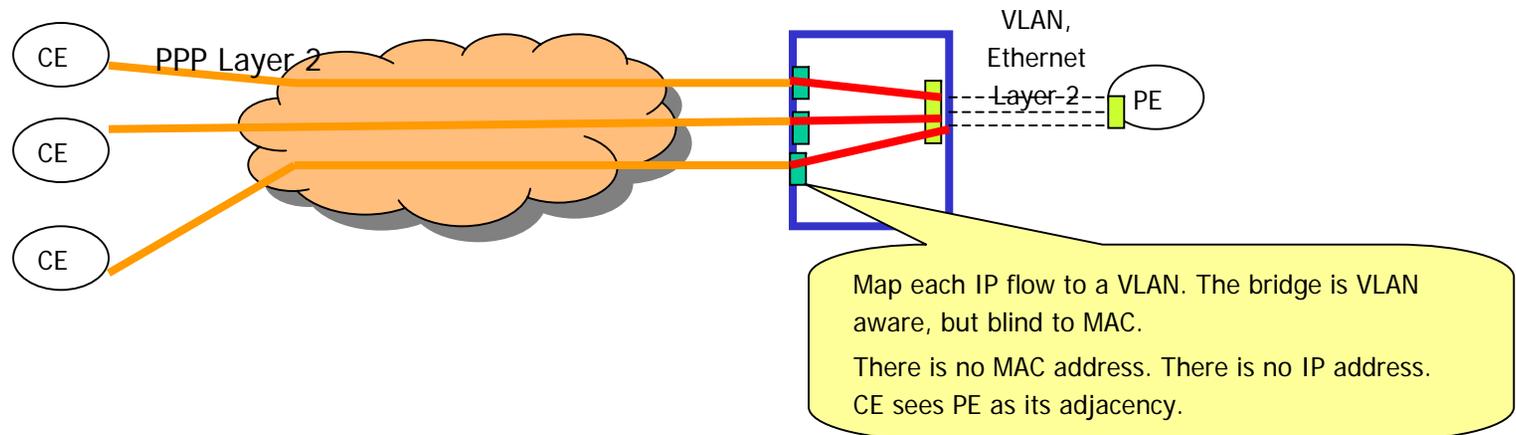
July 2005

- 👉 Layer 2 Transport, lower cost forwarding among multiple Layer 2 protocols



Extension Needed for Layer 2 Relay PPP (Layer 2) Relay to Ethernet (Layer 2)

Relay between two different Layer 2



OAM issues (802.1ag)

- Individual SONET Path failure can be transformed to AIS at each VLAN
- AIS from each VLAN can be transformed into SONET path condition, such as UNEQ, Payload mismatch, etc.

No MAC address for the bridge facing PPP

More issues to be addressed:

- ARP mediation
 - IP address negotiation
- End to end flow control