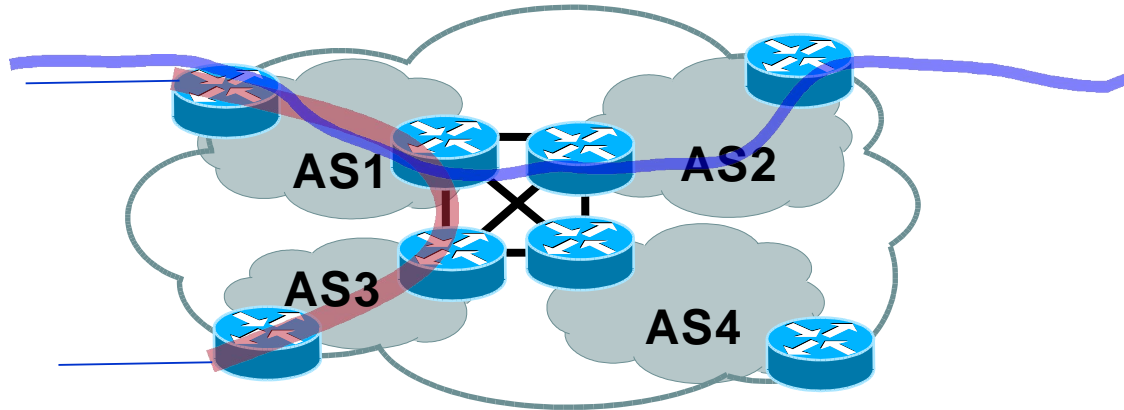


Pseudo-wire Switching

Luca Martini

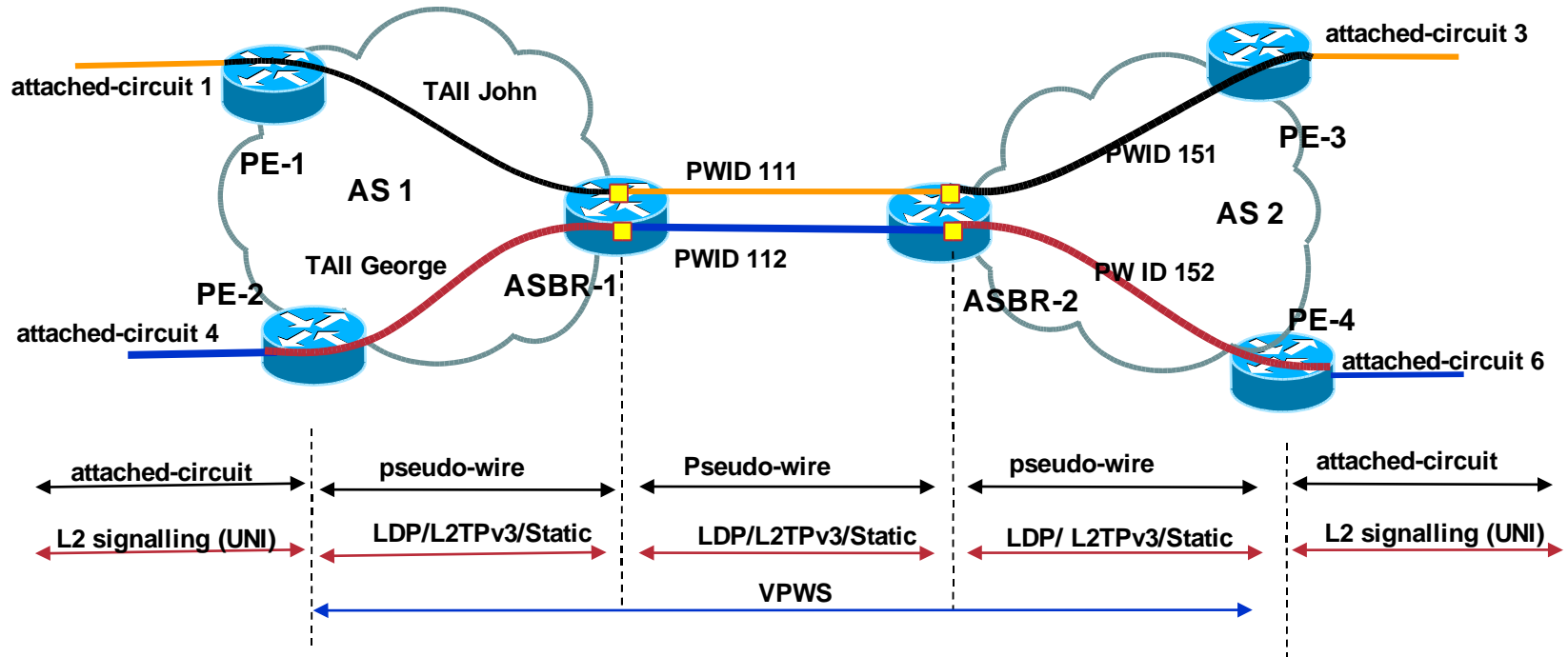
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PW Switching



- Same provider different AS.
- Inter provider.
- Multiple PSN technologies
- Pw Switching:
 - Administrative control
 - reachability information
 - Different PSNs/PW technologies

Pseudo-wire Switching model



Pseudo-wire switching mechanism is the mechanism that allow service provider to extend an existing pseudo-wire with an other pseudo-wire. This is equivalent to replacing an attachment circuit by an other pseudowire utilizing a similar PSN or different different PSN (Ex. MPLS pw with l2tpv3 pw).

LDP and Scaling....

- **LDP IS not BGP !**
- **Full mesh is NOT a significant problem.**
- **Administration issue only.**
- **Differences Ex:**

LDP	BGP
Point-to-Point information only	Broadcast All Information to All Peers
No Policy	Complex Policy often changing information advertised
Mostly Idle	Can have Significant churn because of broadcast