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# TRILL over Pseudo Wire (PW)

draft-yong-pwe3-trill-o-pw

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# Problem Statement

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- TRILL Switches [RFC6325] need to interconnect over MPLS backbone networks
  - A TRILL network typically is deployed in a DC or a campus, but DC and campus may be at several sites
  - Pseudo wire (PW) can be used to transparently interconnect TRILL switches at different sites

# About this draft

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- Propose PW solution for TRILL switches interconnecting over MPLS networks
  - TRILL protocol works with arbitrary link protocols
  - Suggest using PPP o/ PW [RFC4618] or Ethernet o/ PW [RFC4448] for TRILL interconnection
    - fully leverage existing technology
    - no need for a new type of PW
    - no change to the TRILL or PW standard
      - just specify how they are used in this case
    - commonly used link protocols

# Others in the draft

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- Describes the process procedures at TRILL switch
- Specify the auto-configuration process
- Discuss security considerations

# Next Step

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- Welcome comment and feedback on this
- Seek WG adoption of this