

# TRILL IS-IS MTU Negotiation

draft-zhang-trill-mtu-negotiation-07

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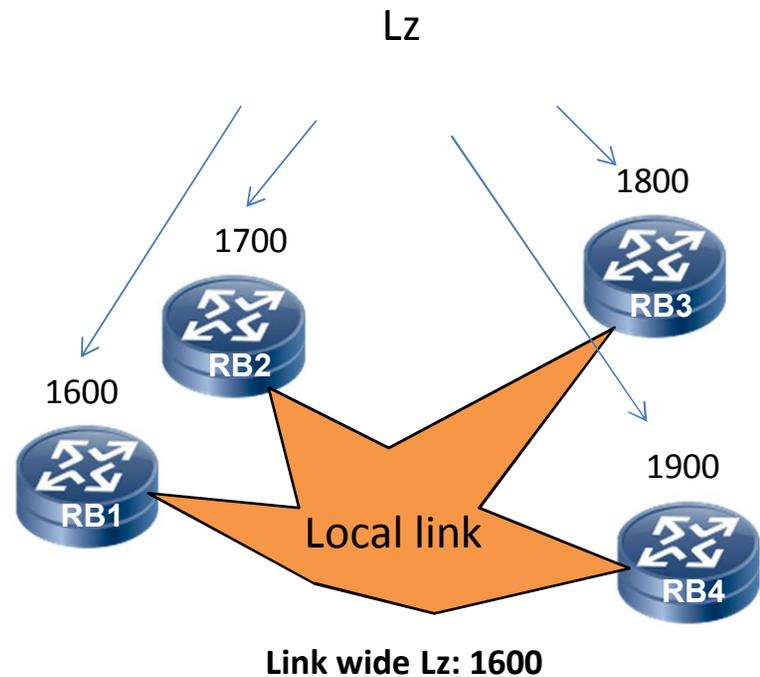
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# History of this draft

- “ First posted and discussed during IETF 83.
- “ Incorporated received comments from then on.
- “ In 05 version, we add three coauthors
  - . Radia Perlman
  - . Vishwas Manral
  - . Somnath Chatterjee
- “ From the 05 version, it became stable.

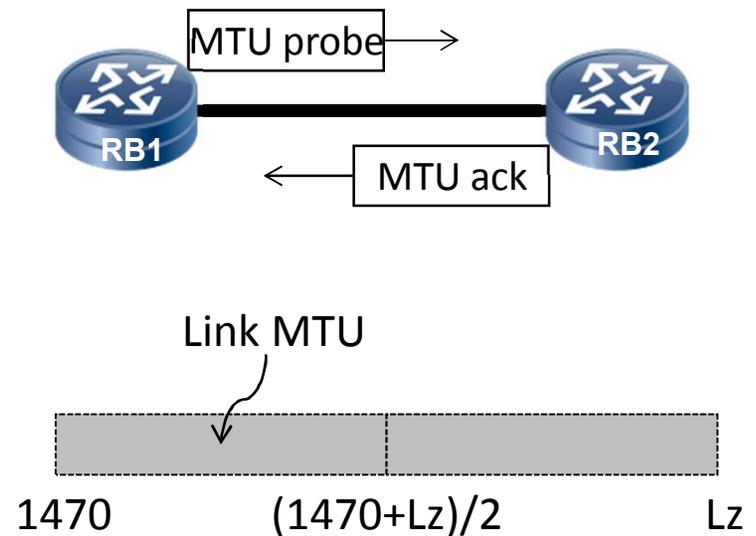
# Minimum acceptable inter-RBridge link MTU size: Lz

- “ Lz is defined to be the link-wide minimum acceptable inter-RBridge MTU size for a specific link.
- “ This Lz value can be advertised in the Flooding Scope LSPs [RFC7356]



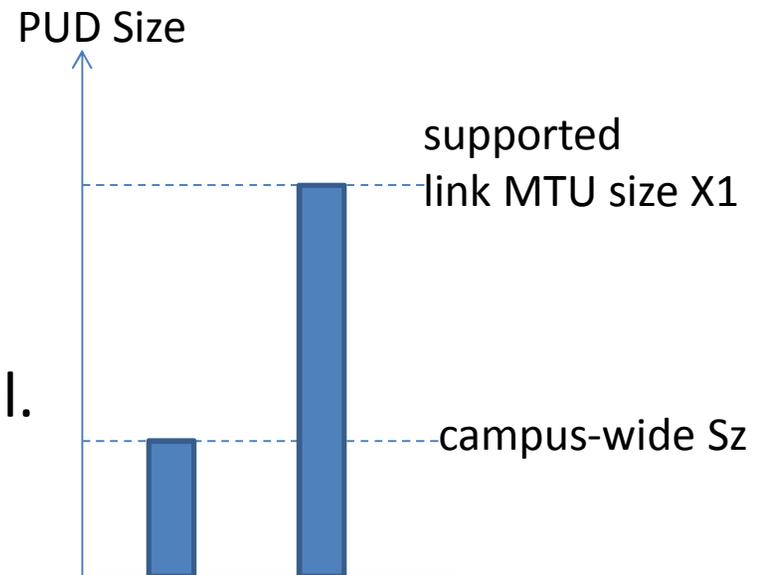
# Link MTU testing method

- “ The supported link wide MTU size is a value between 1470 and Lz.
- “ A simple “Binary Search” method is designed to test this supported link MTU size.



# Enables jumbo link scoped PDUs

- “ The supported link MTU size may be greater than the campus wide Sz.
- “ R Bridges can send out link scoped PDUs (e.g., CSNP, PSNP and Flooding Scope LSPs) larger than the campus-wide Sz up to link-wide Lz.
- “ Sending jumbo PDUs is beneficial. For example, sending larger CSNPs and PSNPs can speed up the synchronization of LSDBs.



# Next Step

- “ Conducted as an update on TRILL Adjacency [RFC7177].
- “ Ask for WG adoption.

Thanks!