BB Frame Issues

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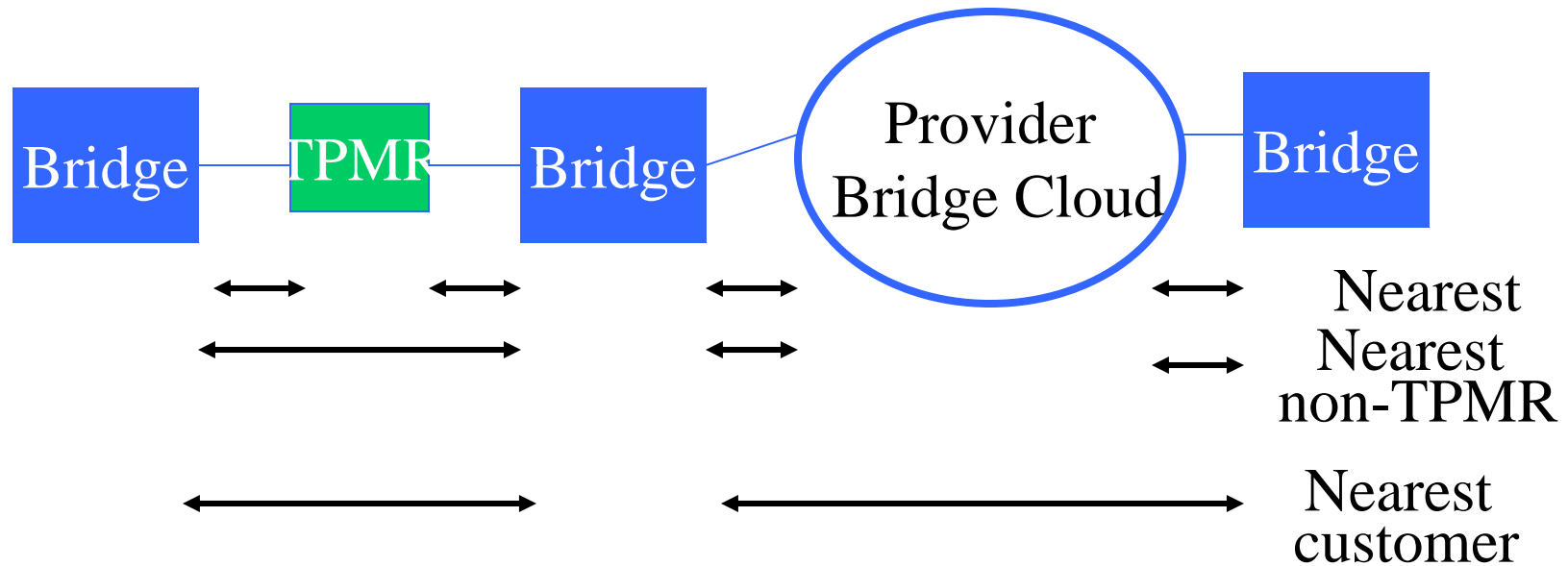July 2008

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802.3 issues

➢ Qbb frame issues

  ➢ Current proposal uses the PAUSE destination address and MAC control Ethertype.

  ➢ Not friendly to leveraging for use in other MACs.

  ➢ That destination address is now designated by 802.1 for MAC specific use.

    ➢ Other MACs can use it other ways.

  ➢ DA might get changed to one of the 802.1 bridge-scoped addresses

  ➢ Ethertype may be replaced.

Scope of Bridge addresses

Bridge — TPMR — Bridge — Provider Bridge Cloud — Bridge

Nearest
Nearest non-TPMR
Nearest customer

➢ 802.1 specifies three addresses that connect different scopes of bridges

➢ Which should be used for Pause?

  ➢ Nearest? Yes if the TPMRs are supporting the traffic classes

➢ Also applies to LLDP used for DCBX