

P802.1ah D2.01 Comment

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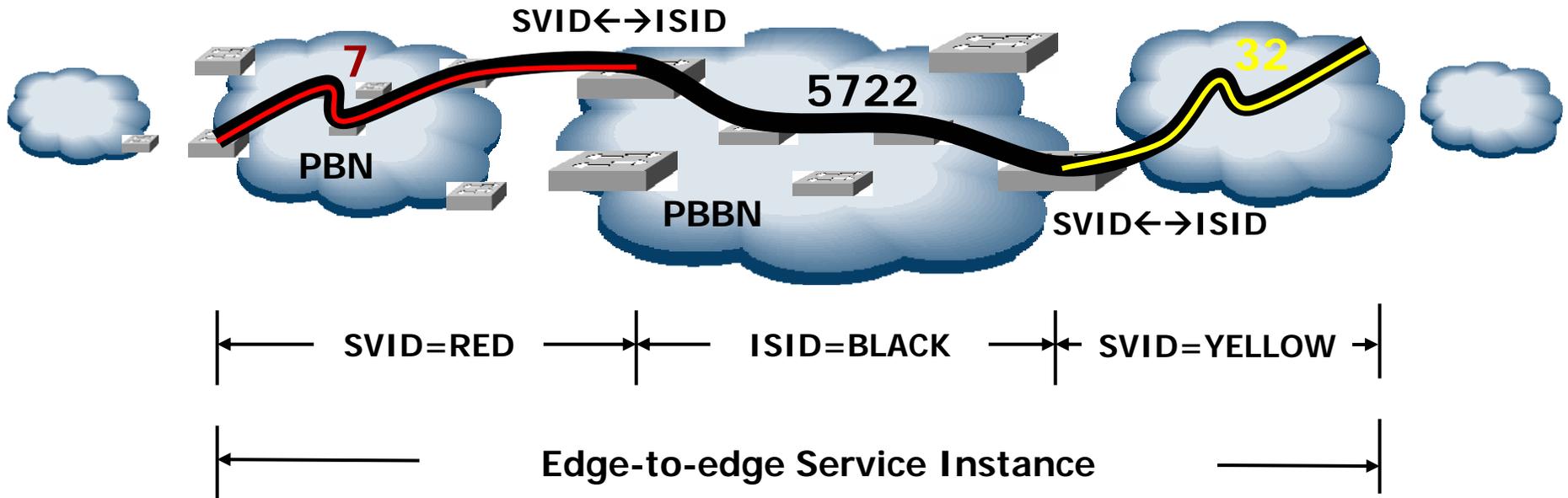
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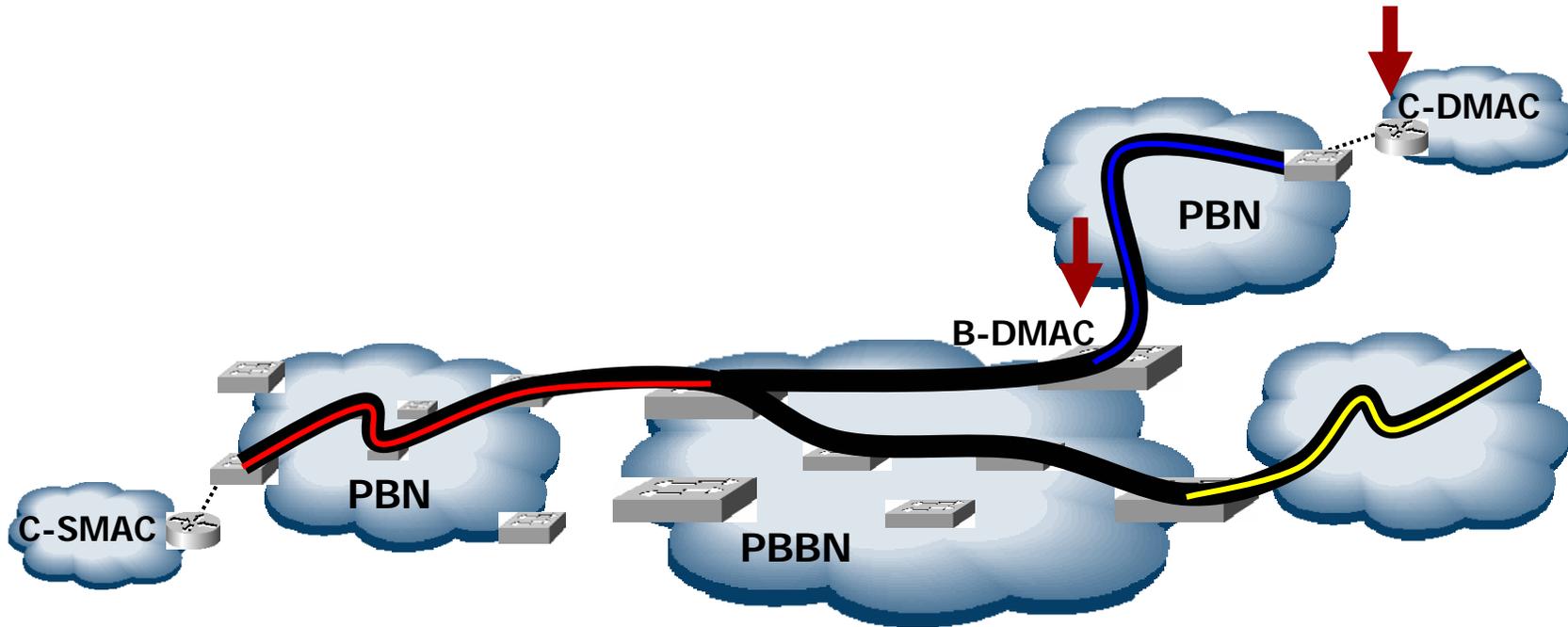
PBB Functions

- **SVID/ISID Mapping (SVID numbering coordination)**
- **BMAC Encapsulation (MAC scaling)**
- **ISID/BVID Tunneling (VLAN scaling)**

SVID \leftrightarrow ISID Mapping



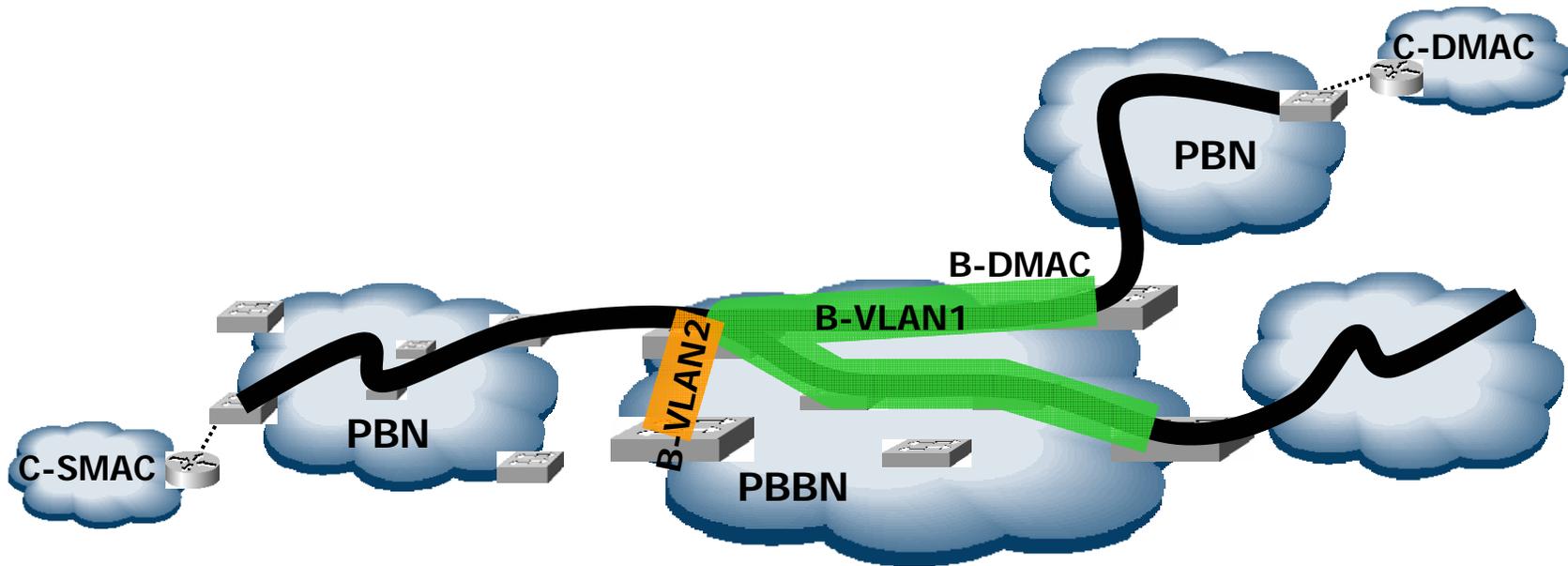
C-DMAC + ISID \leftrightarrow B-DMAC Mapping



Identify B-DMAC on the path to a C-DMAC associated with a service instance.

Encapsulate C-MAC addresses within B-MAC addresses. Shield PBBN core bridges from C-MAC addresses for scaling purposes.

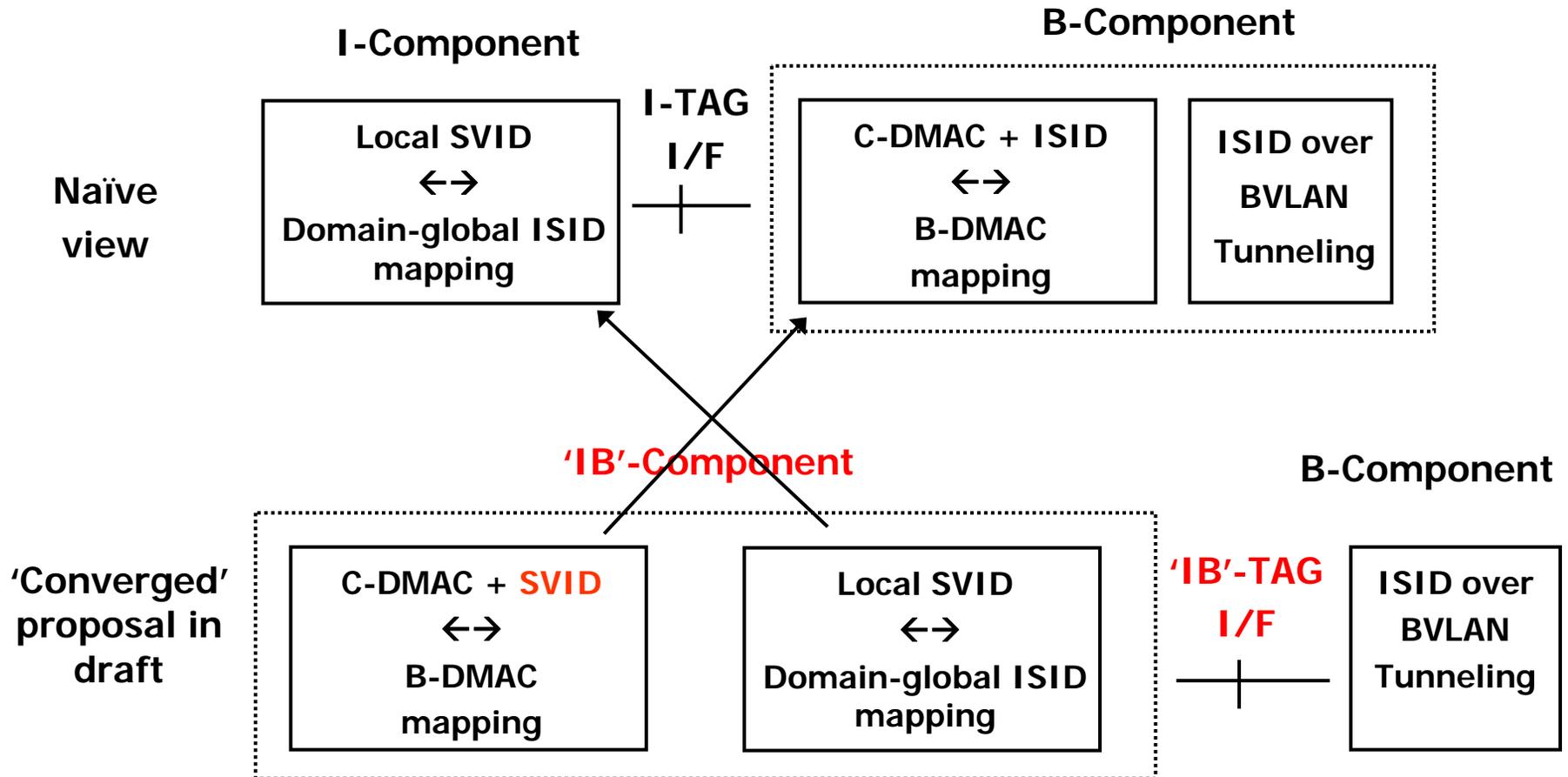
ISID over BVID tunneling



Provisioned tunneling of ISID over B-VLAN

Tunneling of ISID in B-VLAN shields PBBN core bridges from ISID in order to provide SVLAN scaling.

Proposals



Why the 'converged' model?

- **Allows PBB to be built using 2 X bridge hardware**
 - But reference model is not a 'design'.
 - Vendors free to implement 2 X bridge design
 - But reference model doesn't need to show this
 - Reference model should provide *simplest* specification that is technically accurate
- **Disallows interface that looks like: 'S-interface with SVID replaced by ISID'**
 - Because there is opposition to such an interface
 - If we assume that there is a reason to disallow such an interface, is it necessary to change the reference model?
- **Suggest 'straw poll' on technical merits of alternative models.**