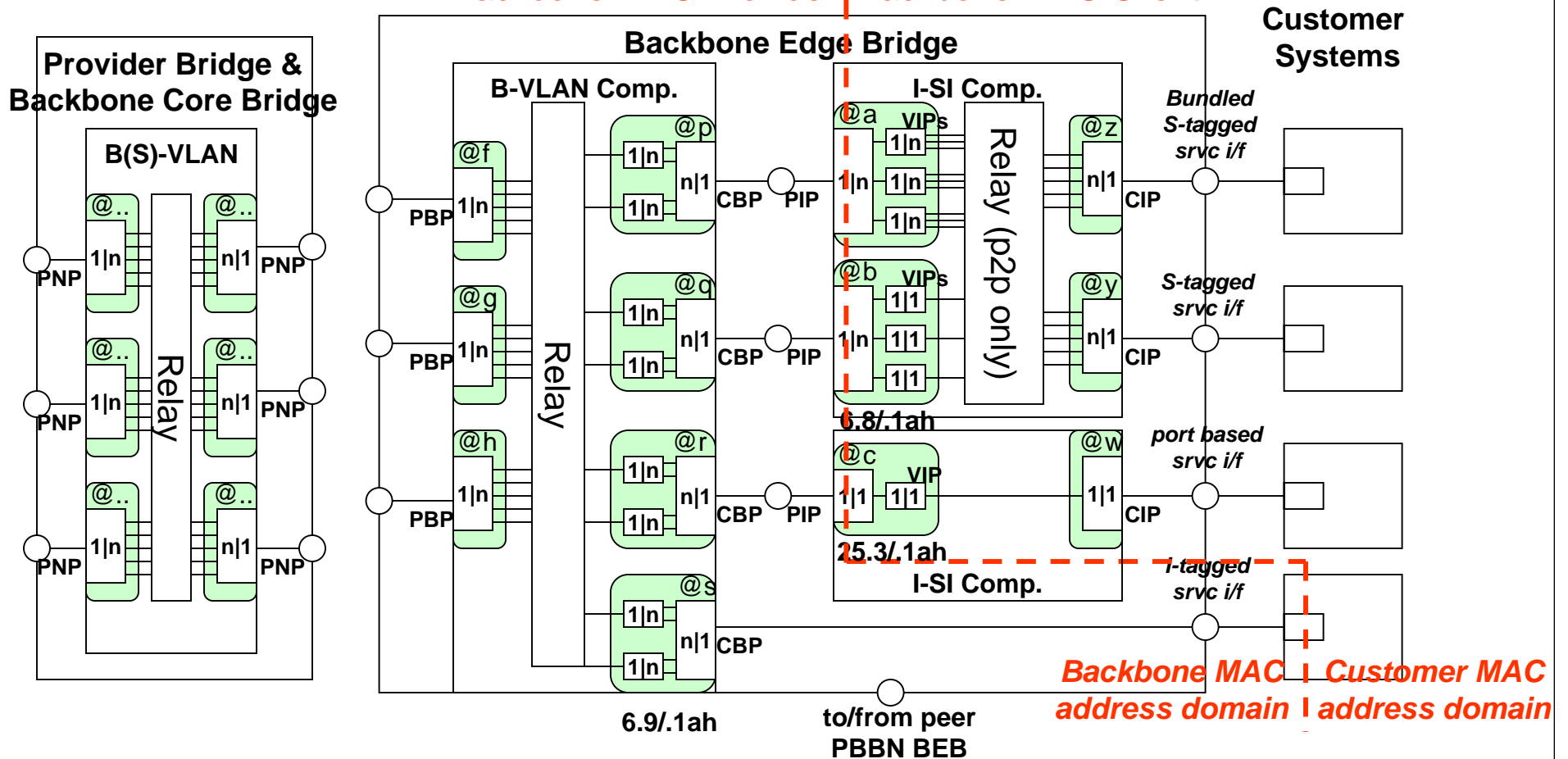


802.1ah Backbone Edge & Core Bridges per D3.01 without 802.1ag CFM support

Backbone-MAC Service Boundary

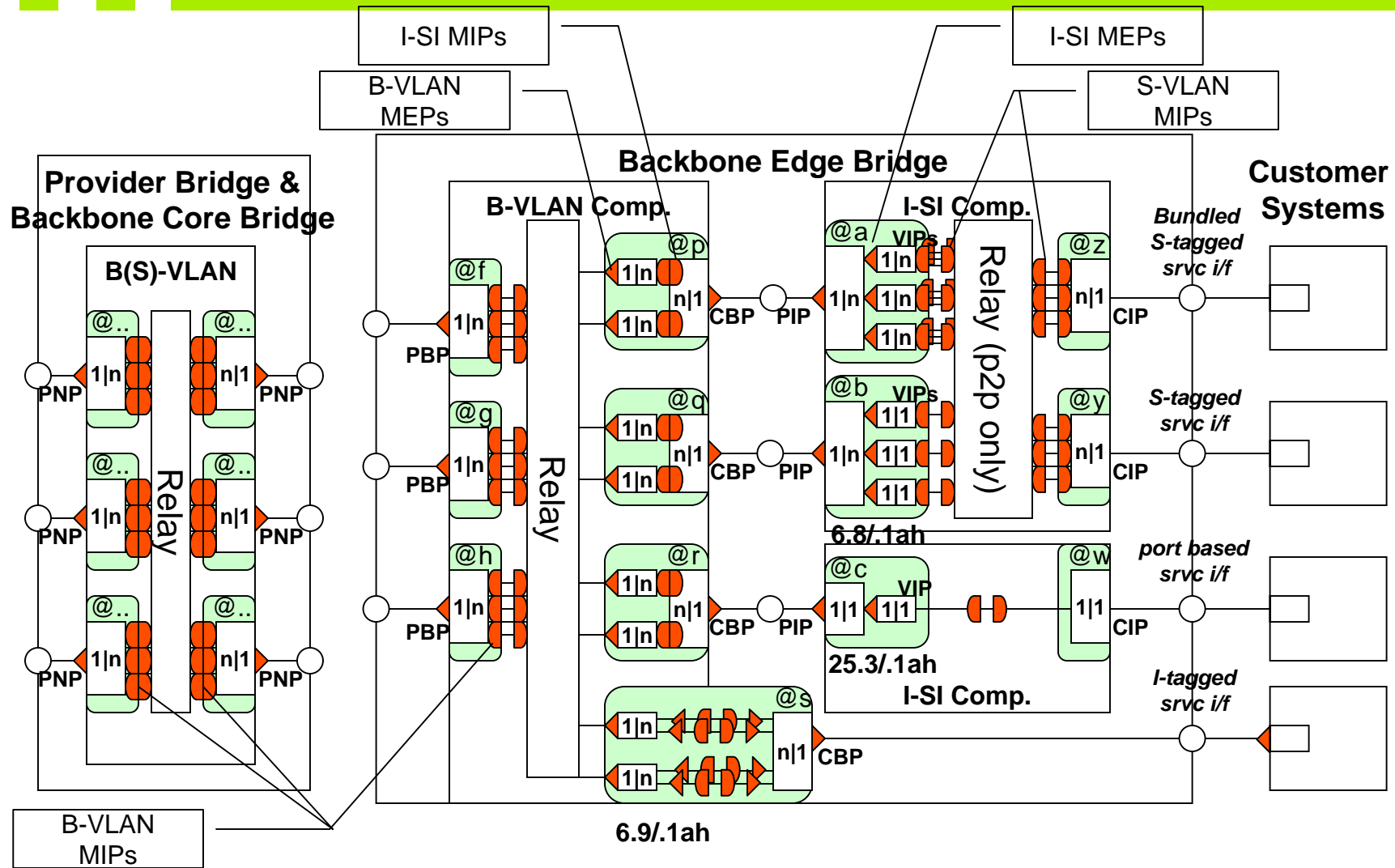
Backbone-MAC Provider | Backbone-MAC Client



Backbone MAC address domain | Customer MAC address domain

1|n bundling/multiplexing n client entities into 1 server entity

802.1ah Backbone Edge & Core Bridges per D3.01 with 802.1ag CFM MEPs & MIPs

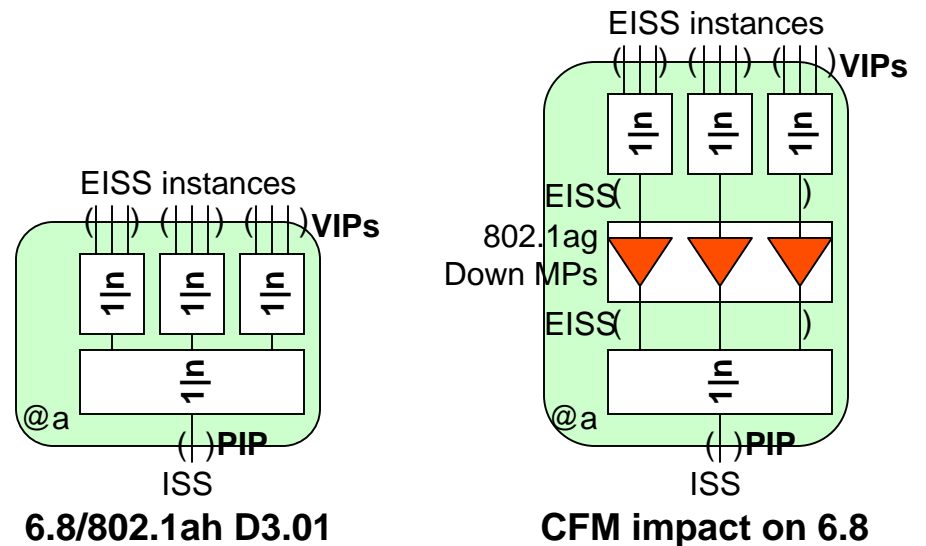


◀ MEP ◻ MIP

1|n bundling/multiplexing n client entities into 1 server entity

Modifications to 802.1ah to support 802.1ag

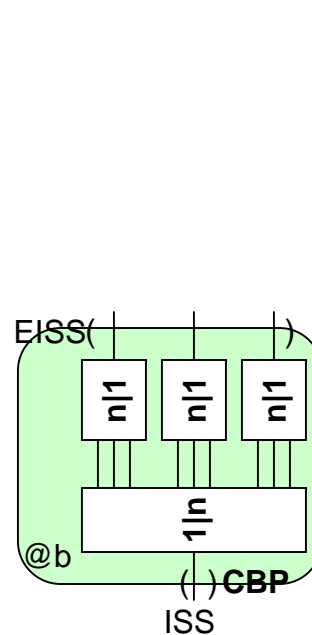
- split clause 6.8/802.1ah into two parts to support MEPs (802.1ag DOWN MP shim)
 - bottom part: clause 6.7/9.5(c) shim
 - ISS ↔ EISS_{VIP-ISID}
 - top part: one or more new clause 6.x shims (see PB & PBB models, slide 11)
 - ISS ↔ EISS_{RVID}
 - 802.1ag Down MPs shim between bottom and top parts
 - bottom part is optional, see slide 5



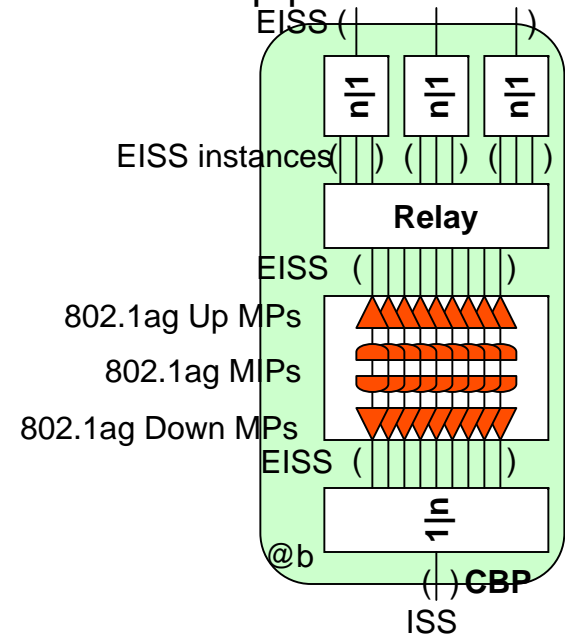
Modifications to 802.1ah to support 802.1ag

■ split clause 6.9/802.1ah into three parts to support MIPs (802.1ag MIPs)

- bottom part: clause 6.7/9.5(c) shim with I-SID translation
 - ISS \leftrightarrow EISS
- middle part: relay to create I-SI EISS instances; each EISS instance maps into one B-VLAN instance
- top part: clause 6.7/9.5(b) shim {with B-MAC translation ?}
 - EISS \leftrightarrow EISS instances
- 802.1ag Up MPs, MIP and Down MPs shim between middle and top part

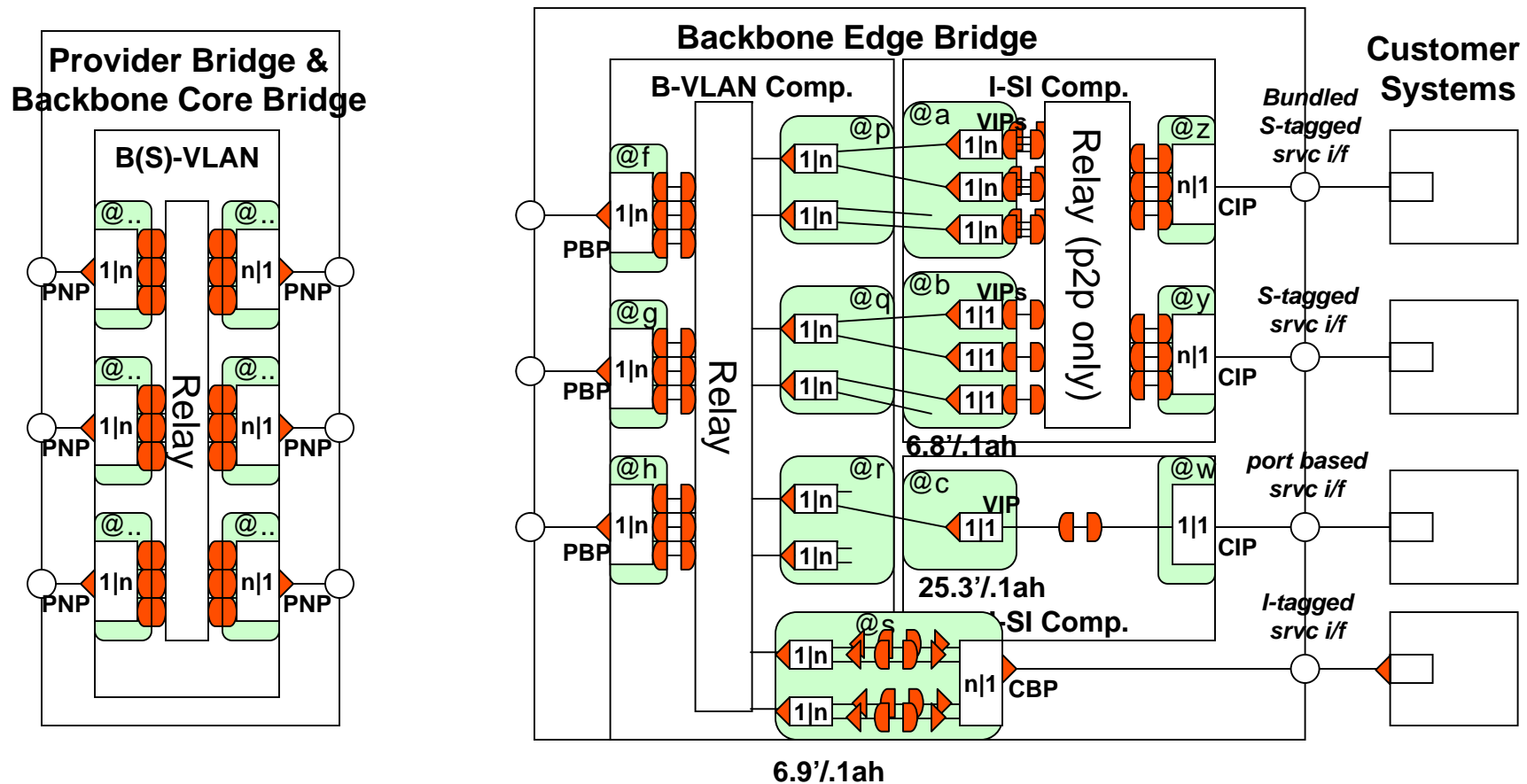


6.9/802.1ah D3.01



CFM impact on 6.9

802.1ah Backbone Edge & Core Bridges per D3.01 with 802.1ag CFM and with internal CBP/PIP



◀ MEP ▶ MIP

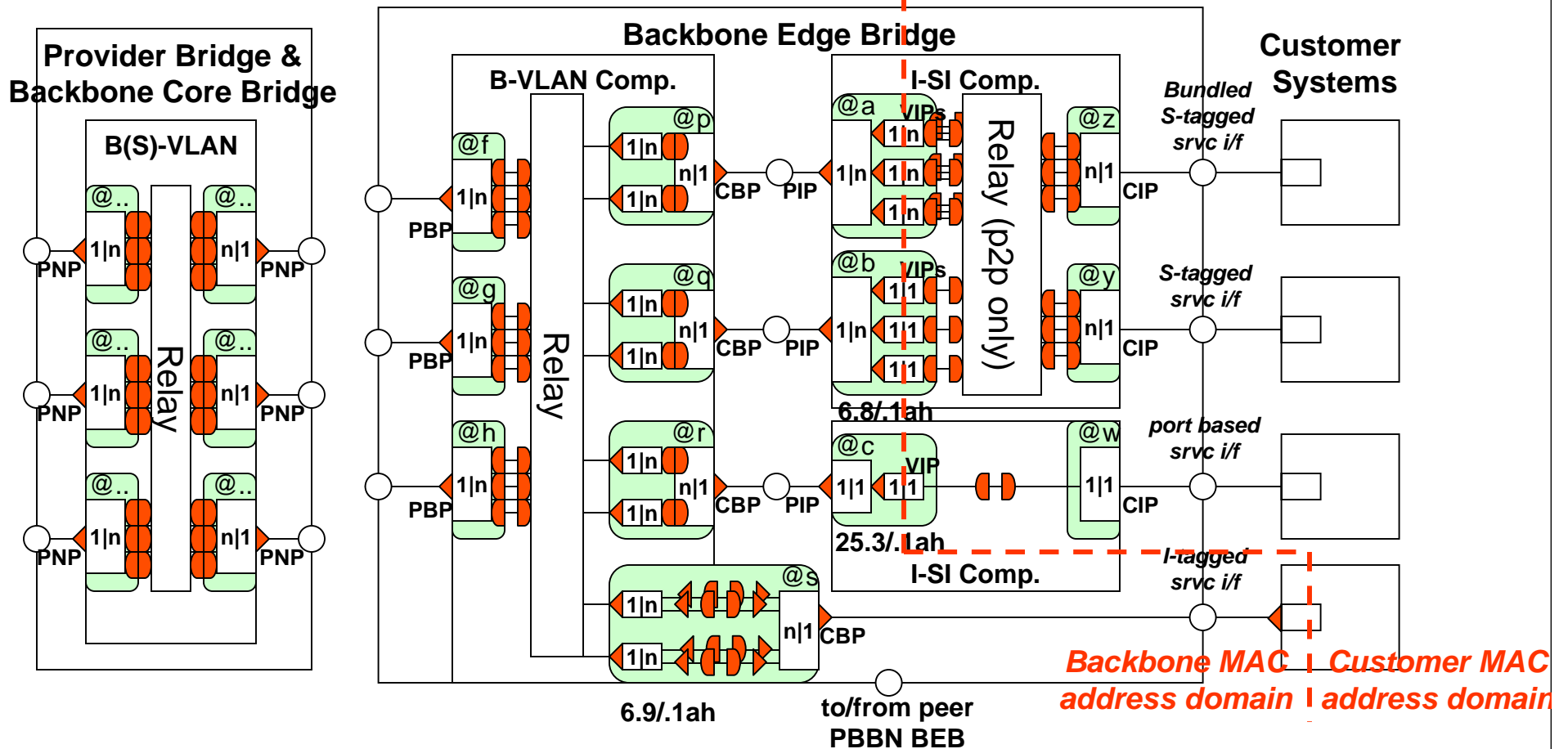
1|n bundling/multiplexing n client entities into 1 server entity

802.1ah Backbone Edge & Core Bridges

→ B-MAC Service Boundary supporting CFM ←

Backbone-MAC Service Boundary

Backbone-MAC Provider | Backbone-MAC Client



◀ MEP ◻ MIP

◻ bundling/multiplexing n client entities into 1 server entity