

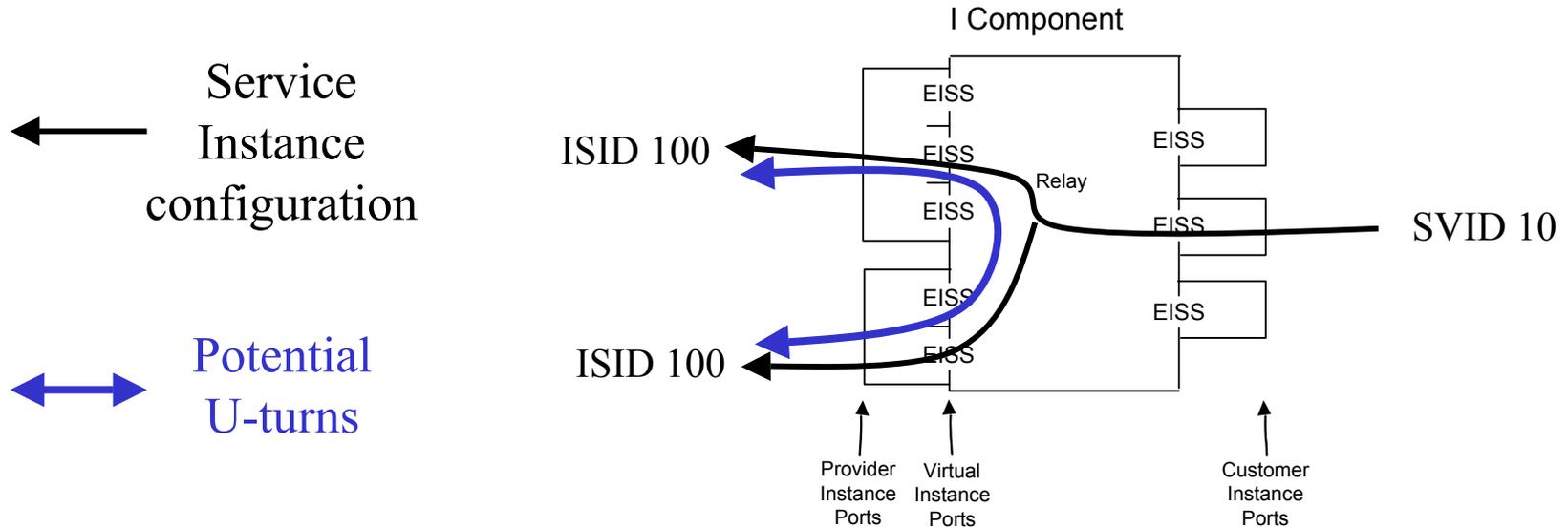
# 802.1ah: U-turns in the I-Component

Stephen Haddock

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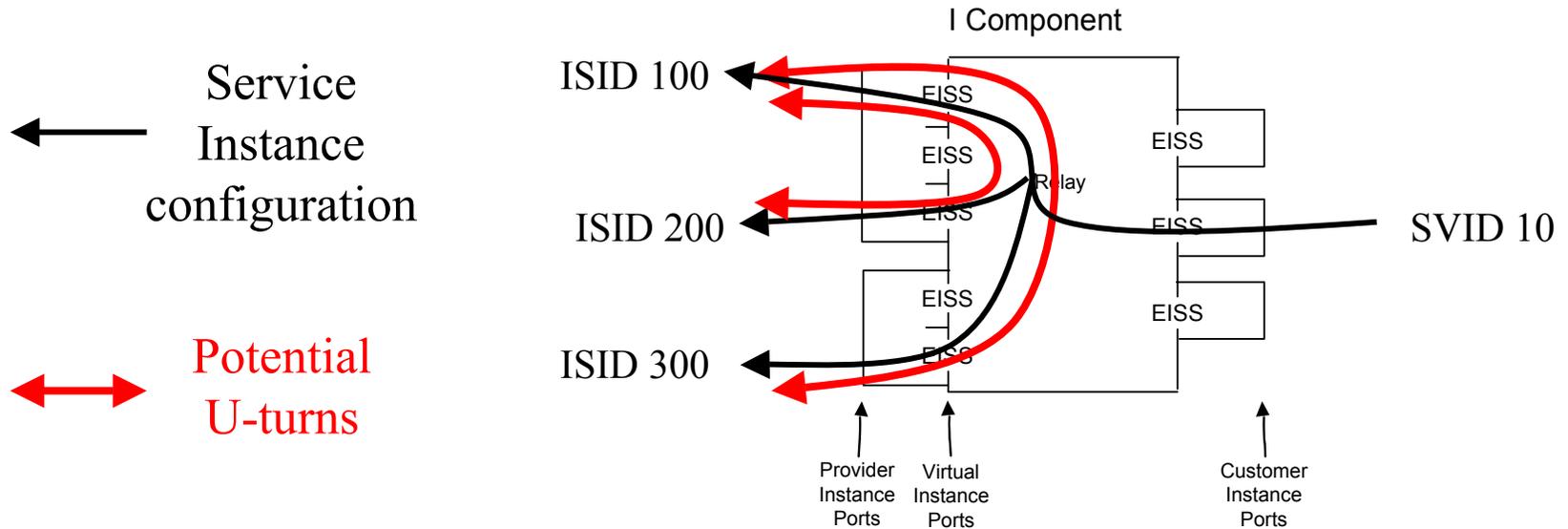
802.1 Interim, Beijing

# Case 1: Same ISID on two PIPs



- Consequence of allowing I component to connect to multiple B components for protection .
  - Intentional or unintentional?
- Do we want to allow this?
  - Could prohibit by not allowing same ISID to be instantiated on more than one Provider Instance Port at any given time.
  - Need more examination of protection mechanisms to decide.

# Case 2: Different ISIDs on two VIPs



- Consequence of not having an explicit normative statement that prohibits mapping one SVID to multiple ISIDs.
  - Unintentional !!
- Do we want to allow this?
  - Don't think so. Have never heard an objective to split one PBN Service Instance to multiple PBBN Service Instances.
  - Need a statement in clause 5 and/or clause 23 that all VIPs in the member set of any S-VLAN must have the same ISID.

# Clarify SVID:ISID mapping constraints

## One:One – Mandatory

(basic mapping of PBN service instance to PBBN service instance)

## Many:One – Optional

(if support bundling S-tagged service interface)

## One:Many – Prohibited

(cannot split one PBN service instance among many PBBN service instances)