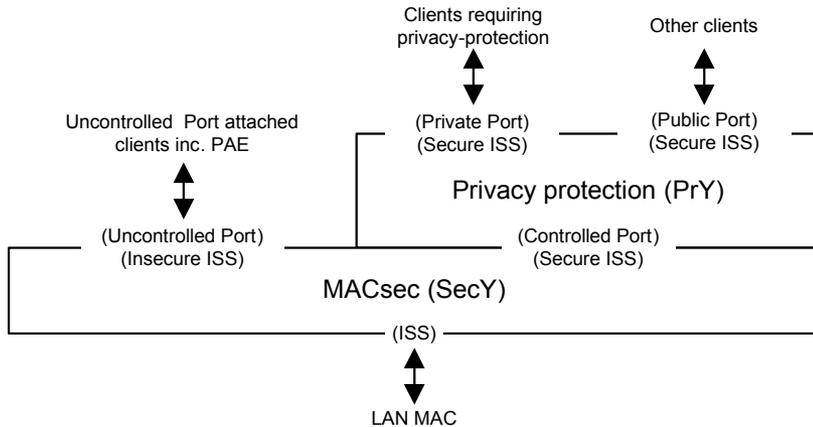


Alternative PrY & SecY client relationships

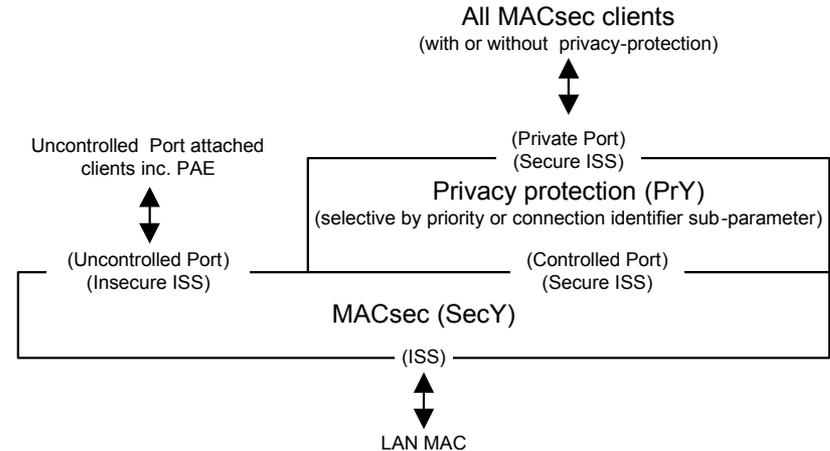
A.



A Public Port plus a Private Port ?

- Support protocols that need MACsec, but not privacy protection.
- Support communication to a protocol entity beyond the peer SecY, but closer than the peer PrY.

B.

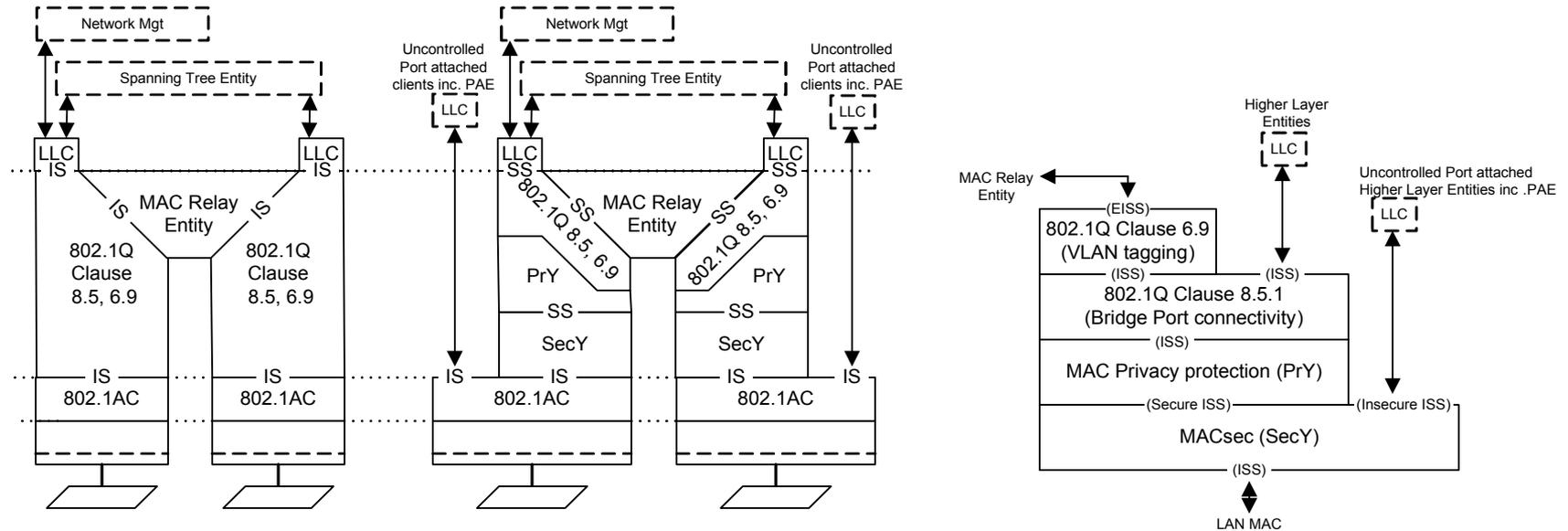


PrY with a single Private client port and privacy protection selected by:

- User priority (v. simple case)
- ISS connection_identifier subparameter (802.1AC-2016 11.1, see also 802.1CB-2017 6.2)

B. (Single Private client port) more easily maps to existing controls.
Full stream id lookup for the sophisticated case.

MAC Security and Privacy protection in a bridge



IS = Insecure Service (ISS)
 SS = Secure Service (ISS)

Numeric references in this figure are to 8.5.1 and 6.9 of IEEE Std 802.1Q-2018.

Privacy protection and link aggregation

