

Changes to 802.1AC necessary for 802.1Qbz and 802.11ak (bridging 802.11)

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Significant changes

- (We will not list minor changes, such as adding “Access Point” to the definitions clause.)
- We delete Clause 12 and renumber 12.1 (and its subclauses) from 12.1 to 12. That is, we eliminate a level of subheading the point of which is lost to this editor.
- Change name of clause 12.1.2 (now 12.2) from “Support by IEEE Std 802.11-2012 (Wireless LAN)” to “Support by IEEE Std 802.11-2012 (Wireless LAN) by a Portal”
 - Rest of 12.2 stays the same, except perhaps for a mention of the new 12.3 and 12.4.

Significant changes

- Add a new Clause 12.3, “Support by IEEE Std 802.11-2012 (Wireless LAN) by a Security Association Port”
 - Used by Access Point Bridge in 802.1Qbz
 - Turns one 802.11 port into an array of ISS ports, one per point-to-point security association.
 - Defines Security Association Port described in bz-nfinn-802-1Q-changes-0313-v01.pdf
- If P802.1ak decides to call the non-reflective port presented by a non-Access Point station to a Bridge something other than a Security Association Port, then that must be referenced in subclause 12.4.

PAR and Five Criteria

- Suggest we crib the PAR and 5C from 802.1Qbz. All the reasoning, justification, etc., is exactly the same.

Questions

- **Does the mapping of output ports to receiver address take place in “Media Access Method Dependent Convergence Functions” in 802.1AC, or does it go into 802.11ak? (In this author’s opinion, 802.11ak is the best place for it.)**
- **Is this the right place to define the “LLC follows” EtherType for encoding giant LLC frames on a Type/Length medium?**

Thank you.

