
Privacy MIB development

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For detail see:
P802.1AEdk/D1.2

Privacy MIB development

- Starting with Don's PrY MIB 31AUG
- Ideas in P802.1AEdk/D1.2, not final
 - Also some items not yet done (time), e.g. Figure 20-4 updates, left over example text from 1AE clauses
- Aim to align, maintain alignment between MIB and main text
 - Cross-reference both ways directly, some Framemaker development
 - Management variables clear in operational description
- Align, so far as possible, with 802.1Q MIBs
 - MIBs in 1Q not entirely stylistically consistent – layout, naming, subtrees
- Align with RFC 2863 and RFC 3635

Naming

- Not the most important item, but the most obvious so start here
- 1Q MIBs use `ieee8021<mibName>`, no 'Q' prefix
- Currently using 'ieee8021Pry' prefix
- Names <30 characters, so could move to 'ieee8021AEPrY' and still keep 32 character limit
- Should not use just 'ieee8021AE', confusion with MACsec (SecY management)
- Future SecY MIB (if desired) 'ieee8021AESecy' or 'ieee8021Secy'
- Using 'MIB-like' camel-case names for mgmt. variables in main text
 - Simply to align with current 1AE, but use 1X-2020 font to highlight variables

OID arc

- Still using next value on same arc as SecY
- May want to change, .1 website says no further allocations on this arc

Types, imported types, TCs

- InterfaceIndex rather than Unsigned32
- IEEE8021PriorityValue from IEEE-8021-TC-MIB
- TruthValue (as in 1Q MIBs) rather than enum for booleans

.1Q & SecY MIB 'conventions'

- Top-level split of OIDs
- Use AUGMENTS for statistics tables
- InterfaceIndex rather than Unsigned32
- IEEE8021PriorityValue from IEEE-8021-TC-MIB
- TruthValue (as in 1Q MIBs) rather than enum for booleans