

#3 Type: T TF: TF5 Clause: 5.3 Page: 58 Line: 1 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

Table 5-1 has several cross-references that are incorrect.

Update the cross-references as follows: TVM: 7.2.2 UVM: 7.2.2 E:9.2 DE: 11.4 AU:11.3 DCD: 13.3 SU: 13.5 ME: 14 Rename "MG | Management | 13.4" into ""MMS | Management message structure | 13.4"

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#2 Type: TR TF: TF4 Clause: 11.2.4 Page: 197 Line: 14 Commenter: Craig Pratt / CableLabs  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

This section is modified to incorporate the steps for initial key establishment and ONU authentication.

The contribution in tf4\_2311\_pratt\_sec\_establishment\_1a.pdf proposes changes to the "Establishment of security mechanisms" steps.

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#4 Type: TR TF: TF6 Clause: 14 Page: 198 Line: 16 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

Several extended action names start with "a.." instead of "ac.."

Change 4 instances of aConfigGlid to acConfigGlid (lines 16, 17, 21, 22)

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#1 Type: TR TF: TF4 Clause: 11.3 Page: 199 Line: 1 Commenter: Craig Pratt / CableLabs  
 Comment Status: New Response Status: None Commenter Satisfaction: None Category: -

A new section described how the initial encryption key is established in a secure manner. The current section 1.3 (ONU Authentication) should become section 1.4 and will be replaced in a subsequent submission.

Please insert the new section 1.3 with the contribution in tf4\_2311\_pratt\_encr\_establishment\_1d.pdf and increment all following section numbers accordingly.

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#9 Type: TR TF: TF11 Clause: 11.7 Page: 214 Line: 1 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

Section 11.7 "Data Encryption/Decryption Mechanisms" is missing

Add section 11.7 "Cryptographic Methods" as shown in tf4\_2311\_kramer\_2c\_encr\_mechanism\_clean.pdf. The new sub-clause also requires some updates to the existing sub-clause "11.2 Overview of SIEPON.4 security architecture" Specific changes to the clause 11.2 are red-lined tf4\_2311\_kramer\_2c\_encr\_mechanism\_diff.pdf.

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#6 Type: TR TF: TF8 Clause: 13.4.6.1 Page: 238 Line: 5 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

Special encryption-related OAMPDU type is not used anymore.

Delete subclause 13.4.6.7 eOAM\_KeyExchange eOAMPDU and its sub-sclauses. Delete row 0x08 in Table 13-10.

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#8 Type: TR TF: TF10 Clause: 14.4.5.1 Page: 354 Line: 5 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

The Initial Key Establishment procedure requires a set of three additional management attributes.

Add the new attributes as shown in tf4\_2311\_kramer\_encr\_attr\_1e.pdf. Delete the existing attribute 0xDB/0x04-01. The existing attribute 0xDB/0x04-01 becomes 0xDB/0x04-04 Update table 14-55 accordingly.

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#7 Type: T TF: TF9 Clause: 14.4.5.2 Page: 355 Line: 17 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

The note says that the attribute is mainly to be used for testing a troubleshooting. We have a sub-clause dedicated to the troubleshooting operations.

Add cross-reference (see 11.9) at the end of the note. Note that the sub-clause number 11.9 may change per other comments.

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#5 Type: E TF: TF7 Clause: 14.4.6.1.1 Page: 356 Line: 39 Commenter: Glen Kramer / Broadcom  
 Comment Status: None Response Status: None Commenter Satisfaction: None Category: -

actions/attributes need to be italics (header and ToC)

Italicize the following actions/attributes in the subclause headers: 14.4.6.1.1 aRuleSetConfig.sClause sub-attribute 14.4.6.1.2 aRuleSetConfig.sResult sub-attribute 14.5.2 Attribute acAutoNegRestartAutoConfig (0x09/0x00-0B) 14.6.2.3 Action acMacDeleteDynamicAddress (0xDD/0x01-03) 14.6.2.6 Action acMacDeleteStaticAddress (0xDD/0x01-06) 14.6.4.1 Action acAlarmGetCurrentSummary (0xDD/0x03-01)

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