IEEE 1904.2 VLC, D2.0, Received Comments (all comments)	Printed on 11/16/2020 at 12:23:05 PM
#15 Type: T TF: TF2 Clause: 4.3, 6.2 Page: Line: - Commenter: Kevin A Noll / Tibit Communic	ations
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
IEEE 1904.2 was originally chartered because there was a need to allow "remote" management of EPON ONUs or EPOC CNUs, w ONU) relationship. The architecture and rules defined in the D2.0 text describe a one-to-one relationship which aligns with IEEE 8 raises a question of scalability. Using the draft as written, it would be necessary to have a one-to-one relationship (one manager wishes to manage multiple ONUs from a single "server", which is a completely reasonable expectation, then the "server" would uncommon for a single S-OLT to have 64 or more PON ports, each serving 64 to 128 ONUs. This scale would require the "manager would not be unreasonable to expect a single "manager" server to support multiple S-OLTs. How does the draft standard suppor	802.3. This alignment is understandable, but MAC to one ONU MAC). If an implementer need to have multiple MACs. It is not er" to have up to 4096 to 8192 MACs, and it
See tf2_2011_noll_1.pdf. This comment should be rejected as it has no proposed changes.	
-	
#1 Type: TR TF: TF2 Clause: 0 Page: 0 Line: 0 Commenter: Glen Kramer / Broadcom	
#1 Type: TR TF: TF2 Clause: 0 Page: 0 Line: 0 Commenter: Glen Kramer / Broadcom Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
This is a follow-up for the issue discussed in comment #2 againts D1.1. In all the rule examples, we compare two different constates to a constant value. The proposed solution was outlined in tf2_2010_kramer_1.pdf. In addition, throughout the draft, the same DstAddr, DestAddr, DestinationAddres. Sometimes, a field is accessed via field Id, sometimes it is accessed directly using the fiew (frame fields, variables, primitives, etc.) use different formating in different parts of the draft. All the changes are shown in tf2_2011_kramer_1_diff.pdf and tf2_2011_kramer_1_clean.pdf 1) Field IDs were replaced everywer and used where Rule TLV is defined. 2) Field names were aligned across the draft 3) All special elements were formatted using the names, Interface names, TLV names, management attributes - Times New Roman italcs - frame fields, variables, constants, funct Tables in Anenx 8A reformated according to the style used in the rest of the document.	field uses many different names. For example, vld name Finally, many special elements here with field names. Field Ids only introduced the scheme adopted in 1904.1: - Message
-	
#2 Tursu F TELTE2 Clauser FM Dense 2 Lines 1 Commenters Marsk Heiduszenia / Charter	
#2 Type: E TF: TF2 Clause: FM Page: 2 Line: 1 Commenter: Marek Hajduczenia / Charter	
Comment Status: New Response Status: None Commenter Satisfaction: None Category: - Abstract is missing	
Use the text for abstract as defined in 1.1 right now, i.e., "This standard describes control mechanisms and management method of virtual links in Ethernet-based subscriber access networks. The key characteristics of the Virtual Link Control (VLC) mechanism a single IEEE 802 Media Access Control (MAC) domain to allow remote device management; - Extensibility to accommodate new ability to simultaneously send messages to multiple VLC-aware stations. The standard describes the message format, as well as p participating in the VLC protocol."	s are: - The ability to transit Layer 2 bridges in protocols and new types of devices; - The
#3 Type: E TF: TF2 Clause: FM Page: 2 Line: 2 Commenter: Marek Hajduczenia / Charter	
Keywords are missing	
Use the following list of keywords: Virtual Link Control (VLC) protocol, remote station management; organization specific extensi	ons, VLC Protocol Data Unit (VLC PDU)
-	
#4 Type: E TF: TF2 Clause: FM Page: 4 Line: 2 Commenter: Marek Hajduczenia / Charter	
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	s are: - The ability to transit Layer 2 bridges in protocols and new types of devices; - The
Comment Status: New Response Status: None Commenter Satisfaction: None Category: - Text of the introduction is missing Use the text for abstract as defined in 1.1 right now, i.e., "This standard describes control mechanisms and management method of virtual links in Ethernet-based subscriber access networks. The key characteristics of the Virtual Link Control (VLC) mechanism a single IEEE 802 Media Access Control (MAC) domain to allow remote device management; - Extensibility to accommodate new ability to simultaneously send messages to multiple VLC-aware stations. The standard describes the message format, as well as participating in the VLC protocol." -	s are: - The ability to transit Layer 2 bridges in protocols and new types of devices; - The processing operations at the stations
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Comment Status: New Response Status: None Commenter Satisfaction: None Category: - Text of the introduction is missing Use the text for abstract as defined in 1.1 right now, i.e., "This standard describes control mechanisms and management method of virtual links in Ethernet-based subscriber access networks. The key characteristics of the Virtual Link Control (VLC) mechanism a single IEEE 802 Media Access Control (MAC) domain to allow remote device management; - Extensibility to accommodate new ability to simultaneously send messages to multiple VLC-aware stations. The standard describes the message format, as well as participating in the VLC protocol." - #5 Type: ER TF: TF2 Clause: 1.2 Page: 13 Line: 24 Commenter: Kevin A Noll / Tibit Communic Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	s are: - The ability to transit Layer 2 bridges in protocols and new types of devices; - The processing operations at the stations
Comment Status: New Response Status: None Commenter Satisfaction: None Category: - Text of the introduction is missing	s are: - The ability to transit Layer 2 bridges in protocols and new types of devices; - The processing operations at the stations
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#7 Commen	Type: ER t Status: New	TF: TF2 Clause: 3.5 Response Status: None	Page: 20 Line: 9 Commenter: Marek Hajduczenia / Charter Commenter Satisfaction: None Category: -	
Text of th	ne PICS introduc	tion was copied from 1904.1	nd not updated. There is no package information in this document	
Replace t number.		lines 9 - 20 to read as follows	"Each PICS entry is uniquely identified by an item number, comprising a three-letter mnenomic, followed by a	sequential
-				
#8	Type: TR	TF: TF2 Clause: 4.1	Page: 23 Line: 9 Commenter: Kevin A Noll / Tibit Communications	
	Type: TR t Status: New	TF: TF2 Clause: 4.1 Response Status: None	Page: 23 Line: 9 Commenter: Kevin A Noll / Tibit Communications Commenter Satisfaction: None Category: -	
Commen	t Status: New	Response Status: None		

IEEE 1904.2 VLC, D2.0, Received Comments (all comments)	Printed on 11/16/2020 at 12:23:05 PM
#9 Type: ER TF: TF2 Clause: 4.3.1.4.1.4 Page: 28 Line: 22 Commenter: Kevin A Noll / Tibit Communica	
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
Cross reference is incomplete	
Replace 4.3.1.x with cross reference to 4.3.1.1.1	
-	
#10 Type: ER TF: TF2 Clause: 4.3.1.4.1.4 Page: 28 Line: 28 Commenter: Kevin A Noll / Tibit Communica	ations
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
Cross reference is incomplete	
Replace 4.3.1.x with cross reference to 4.3.1.3.2	
-	
#11 Type: ER TF: TF2 Clause: 6.2.1 Page: 40 Line: 3 Commenter: Kevin A Noll / Tibit Communica	ations
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
Subclause 6.2.1 describes a notation for describing CTE rules. This notation is not used anywhere in the draft standard.	
Delete "A rule is represented by the following notation: " and the following text to the end of the subclause.	
-	
#12 Type: ER TF: TF2 Clause: 6.3.1 Page: 45 Line: 20 Commenter: Kevin A Noll / Tibit Communica	ations
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
Cross reference is incomplete	
Replace 4.3.1.x with cross reference to 4.3.1.1.2	
#13 Type: TR TF: TF2 Clause: 8.2.1 Page: 65 Line: 24 Commenter: Glen Kramer / Broadcom Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
Comment Status: New Response Status: None Commenter Satisfaction: None Category: - Per action item recorded in comment #1 agains D1.1, the draft is missing the definition of Object Context TLV that identifies a por	t on VIC, aware device together with a
direction (Tx/Rx). Also, in addition to VLC counters per rule, we need VLC counters per interface. This is because frames may be	
matching rules, and there are no counters to query how many frames went through each interface.	
The proposed changes are shown in tf2_2011_kramer_2.pdf. A CTE Table Context TLV is defined in new clause 8.2.3 and a new br clause 8.2.4.	ranch with 6 attributes (counters) is defined in
-	
#14 Type: TR TF: TF2 Clause: 9.5 Page: 72 Line: 1 Commenter: Kevin A Noll / Tibit Communica	ations
Comment Status: New Response Status: None Commenter Satisfaction: None Category: -	
All items in PICS for VLC Configuration Protocol are marked mandatory, but the VLC Client, which implements VLC Configuration F client and VLC sublayer are optional in an end station") which means that the VLC Configuration Protocol is optional. Therefore th optional.	
Mark these items as Optional.	

Page 2 of 2