"UMT" in 1904.2 PAR Title and Scope

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(this presentation was discussed on one of the consensus-building calls in May 2020)

RAS syndrome

❑ In our draft (and especially in a new contribution) we have to refer to a "tunnel" extensively. But there are many different types of tunnels in networking, so we needed to qualify it with our 1904.2 technology name "UMT"

❑ "**UMT tunnel**" suffers from "**RAS syndrome**"

– RAS syndrome (where "RAS" stands for "redundant acronym syndrome") is the use of the acronym together with a word that makes up this acronym (thus, in effect, repeating the word twice). Common examples are:

- "PIN number"
- "VIN number"
- "ATM machine"
- "LCD display"
- "PDF format"

❑ Many style guides prohibit usage of such redundant acronyms. We sure should not create a new one.

What do we need

- Our technology name -- *"Universal Management Tunnel"* has lost its accuracy now, since we are allowing any type of flow to use the tunnel, not necessarily flows related to management.

- We need to come up with a technology name that does not include a commonly used term "tunnel" (because of RAS syndrome)

- Also not clear what *"universal"* revers to. The scope is restricted to Ethernet-based Subscriber Access networks anyway.

- I think a better generic name for the 1904.2 technology is "Enhanced Connection Control and Management (ECCM)", or just "Connection Control and Management (CCM)",
    - All we really do is setting and destroying (i.e., controlling and managing) connections over a L2 network.

1904.2 Name Generator

" " Enhanced Static Provisionable Configurable ...	Connection Layer 2 Connection ...	Control Control & Management ...

IEEE 1904 Working Group meeting

New PAR title

- ❑ Old Title:
  Standard for Universal Management Tunnel for Ethernet-based Subscriber Access Networks

- ❑ New Title:
  Standard for Connection Control and Management in Ethernet-based Subscriber Access Networks
  or
  Standard for Enhanced Layer 2 Connection Control in Ethernet-based Subscriber Access Networks

Options for technology names and new terms

CCM = Connection Control and Management	
UMT	CCM
UMT sublayer	CCM sublayer
UMT client	CCM client
UMT tunnel	CCM tunnel
UMT-aware	CCM-aware
UMTPDU	CCMPDU

L2C = Layer 2 Connection	
UMT	L2C
UMT sublayer	L2C sublayer
UMT client	L2C client
UMT tunnel	L2C tunnel
UMT-aware	L2C-aware
UMTPDU	L2CPDU

ECC = Enhanced Connection Control	
UMT	ECC
UMT sublayer	ECC sublayer
UMT client	ECC client
UMT tunnel	ECC tunnel
UMT-aware	ECC-aware
UMTPDU	ECCPDU

CL2C = Configurable Layer 2 Connection	
UMT	CL2C
UMT sublayer	CL2C sublayer
UMT client	CL2C client
UMT tunnel	CL2C tunnel
UMT-aware	CL2C-aware
UMTPDU	CL2CPDU

When to change it

- ❑ It became evident that we will have to ask for another PAR extension in October 2020.

- ❑ At the same time, we can ask for PAR modification and change the title.

- ❑ We can start using the new acronym in our draft now, anticipating future PAR change.

Suggestions from the floor

- ❑ Remote Connection Control (RCC) +1
- ❑ Remote Device Control (RDC)
- ❑ Virtualized Connection Control (VCC)
- ❑ L2 Virtualization Protocol (L2VP)
- ❑ Remote Connection Control and Management (RCCM)
- ❑ [Virtualized Connection Control and Management (VCCM)](#)

- ❑ New PAR Title:
  Standard for Virtualized Connection Control and Management in Ethernet-based Subscriber Access Networks

Thank You