



“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)*

- ❑ 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.

- ❑ 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*" refers 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 ...
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- ❑ 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



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

- ❑ 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

❑ #1 (Chicago rules) I prefer

1. Virtualized Connection Control (VCC) -- 5

2. Virtualized Connection Control and Management (VCCM) – 6

❑ #2: (Single choice) I prefer

1. Virtualized Connection Control (VCC) -- 2

2. Virtualized Connection Control and Management (VCCM) – 4

❑ Move to rename the specification “Virtualized Connection Control (VCC)”

- Moved: Curtis Knittle
- Second: Hyungjin Park
- Technical, $\geq 75\%$

- Y:3 N:5 A:1
- Motion failed

- ❑ **Move to rename the specification “Virtualized Connection Management (VCM)”**
 - Moved: Kevin Noll
 - Second: Curtis Knittle
 - Technical, $\geq 75\%$

- ❑ 6/24/2020 - Motion tabled until the next day
- ❑ 6/25/2020 - Motion is withdrawn by mover

- ❑ Layer 2 Relay (L2R)
- ❑ Layer 2 Forwarding (L2F)
- ❑ Layer 2 Connection Trunk (L2CT)
- ❑ Control Private Network (CPN)
- ❑ Multi-hop L2 Management (MLM or ML2M)
 - Standard for Multi-hop L2 Management for Ethernet-based Subscriber Access Networks
- ❑ Virtual Link Control (VLC)
 - Standard for Control and Management of Virtual Links in Ethernet-based Subscriber Access Networks
 - Virtual Link Control (VLC) Sublayer
 - Virtual Link Control Protocol (VLCP), VLCPDU, VLC tunnel



Thank You