IEEE 1904 Access Networks Working Group

Sponsored by the IEEE Communications Society

2-4 December 2014
Tampa, USA

Minutes

Chair: Glen Kramer
Vice-Chair: Ken-Ichi Suzuki
Executive Secretary: Zhou Zhen
Chief Editor: Marek Hajduczenia
Meeting Recorder: Zhou Zhen

Day 1, Tuesday, 2 December 2014

1. **Call to Order**
- The meeting was called to order at 9:30 am.
- All present introduced themselves and declared their affiliation.
- A sign in sheet captured attendance each day.
- Quorum was reached.

2. **Executive Secretary Report**
- Zhou Zhen, Executive Secretary, presented *anwg_1412_exec_report.pdf*.
- A report on working group member was provided.

3. **Chair's Opening Remarks**
- Chair Kramer presented opening remarks *anwg_1412_opening.pdf* .
- Chair Kramer presented the plan for this meeting.

4. **Approval of Agenda**
- Chair Kramer presented the agenda *anwg_1412_agenda.pdf*.
- ***Motion#1:***

   Approve the agenda for the December 2014 meeting as presented in anwg_1412_agenda.pdf .
      Moved: Marek Hajduczenia, Bright House Networks
      Seconded: Mark Laubach, Broadcom Corporation
      (Procedural, required>50%)
      Motion passed by voice vote without opposition

5. **Approval of Past Meeting Minutes**
- Chair Kramer presented *anwg_1410_minutes_unapproved.pdf* .
- ***Motion#2:***

   Approve minutes of the August 2014 meeting as recorded in
   anwg_1410_minutes_unapproved.pdf.

   Post the approved minutes on the WG website as anwg_1410_minutes_approved.pdf.
      Moved: Zhou Zhen, Fiberhome
      Seconded: Curtis Knittle, CableLabs
      (Procedural, required > 50%)
      Motion passed by voice vote without opposition

6. IEEE Patent Policy

- Chair Kramer displayed the patent slides. A call for potentially essential patents was made at 10:09 am. No potentially essential patent claims were declared, and no holders of potentially essential patents were identified.

7. Proposal for February 2014 Meeting

- WG planned to hold a meeting in February at Louisville, USA.
- Curtis Knittle, CableLabs, presented *anwg_1502_mtg_info.pdf*.

8. October meeting financial report

- Zhou Zhen, Fiberhome, presented *anwg_1412_zhou_2.pdf*, the financial report for the October 2014 meeting.

9. Discussion on Broadband Forum Liaison

- Chair Kramer presented Broadband Forum Liaison, *anwg_1412_ils_bbf.pdf*
- Chair Kramer invited Curtis Knittle and Liquan Yuan to draft a response letter.

10. Support for PON Protection for Package A

- Marek Hajduczenia, Bright House Networks, presented Support for PON Protection for Package A, *rmtf_1412_hajduczenia_2.pdf*.
- Marek Hajduczenia, Bright House Networks, presented Proposed Changes to Support PON Protection for Package A, *rmtf_1412_hajduczenia_1a.pdf*.

11. Draft of P1904.1-REV PAR

- Chair Kramer presented the draft of P1904.1-REV PAR, *rmtf_1412_kramer_1.pdf*.

12. Task Force 2 Opening Report

- Chair Kramer presented the Opening Report, *tf2_1412_opening.pdf*, for Raziel Gabe who was not present at that time.

13. Review and discussion on the UMT layering diagram

- Chair Kramer presented UMT Forwarding Layer Diagram, *tf2_1412_kramer_2.pdf*.
- After discussion, Chair Kramer would draw a new version diagram for December meeting.

14. 1904.2 draft development

- Discussion on the development of 1904.2 draft based on *tf2_d0_2.pdf*.
- Raziel Gabe asked everyone to send comments to him after this meeting; he would provide a new version of 1904.2 draft before Jan 20th.

15. Netconf for UMT

- Liquan Yuan, ZTE Corporation, presented Netconf for UMT, *tf2_1412_yuan_1.pdf*.
- ***Motion#3:***
- *If an informative clause that specifying the transport of SNMP and TR-069 payloads is added to the standard, this clause shall also include the NetConf use case as an example.*

Moved: Liquan Yuan, ZTE Corporation
Seconded: Raziel Gabe, PMC Sierra
(Technical, required ≥ 2/3)
6 yes, 0 no, 0 abstained.

16. Typical UMT architectures

- Chair Kramer presented Typical UMT architectures, *tf2_1412_kramer_1.pdf*.

The WG recessed at 4:35pm.

Day 2, Wednesday, 3 December 2014

The WG reconvened at 1:30pm.

17. Introduction of 1904 WG website structure

- Chair Kramer introduced the structure of 1904 WG's website.

18. Selection of treasure officer

- Chair Kramer asked volunteer for Treasure officer of P1904 WG.
- Chair Kramer said if there is no volunteer for Treasure officer at the end of the day, he would ask Zhou Zhen to be Treasure officer.

19. UMT L3 Ingress / Egress Issues And Architecture: A Sample End-to-End Use Case

- Mark Laubach, Broadcom Corporation, presented UMT L3 Ingress / Egress Issues and Architecture: A Sample End-to-End Use Case, *tf2_1412_laubach_1a.pdf*.

20. UMT Discovery Protocol

- Hesham Elbakoury, Huawei Technologies, presented UMT Discovery Protocol, *tf2_1412_elbakoury_1.pdf*.

21. Path MTU Discovery in Bridged Network

- Hesham Elbakoury, Huawei Technologies, presented Path MTU Discovery in Bridged Network, *tf2_1412_elbakoury_2.pdf*.

The WG recessed at 6:00pm.

Day 3, Thursday, 4 December 2014

The WG reconvened at 9:50am.

22. Path MTU Discovery in Ethernet Bridged Network (continues)

- Hesham Elbakoury, Huawei Technologies, continued to present Path MTU Discovery in Bridged Network, *tf2_1410_elbakoury_2.pdf.*

23. Discussion of UMT Discovery Protocol (Ladder Diagram)

- Glen Kramer presented the ladder diagram of UMT Discovery Protocol, *tf2_1412_kramer_3.pdf*.

24. Task Force 2 Closing Report

- Task Force 2 Editor Raziel Gabe, PMC Sierra, presented Task Force 2 Closing Report, *tf2_1412_closing.pdf*.

25. Review of Liaison Response to Broadband Forum

- Chair Kramer presented Liaison Response to Broadband Forum that was drafted by Curtis with others, *anwg_1412_knittle_2.pdf*.
- *Motion#4:*
- *Accept the liaison response to the Broadband Forum as presented in anwg_1412_knittle_2.pdf. (The WG Chair has the editorial license to modify as needed.)*
  - *Moved: Marek hajduczenia, Bright House Networks*
  - *Seconded: Hesham Elbakoury, Huawei*
  - *(Required ≥ 2/3)*
  - *6 yes, 0 no, 0 abstained.*

26. WG Closing Report

- Chair Kramer presented the WG Closing Report, *anwg_1412_closing.pdf*.
- *Motion#5:*
- *Move to accept rmtf_1412_hajduczenia_1a.pdf as the baseline proposal for the Optical Link Protection for package A.*
  - *Moved: Marek hajduczenia, Bright House Networks*
  - *Seconded: Mark Laubach, Broadcom Corporation*
  - *(Required ≥ 2/3)*
  - *7 yes, 0 no, 0 abstained.*
- WG planned to have next meeting in February at Louisville, USA

27. Unfinished Business

- No unfinished business was brought before the WG.

28. New Business

- No new business was brought before the WG.

- *Motion#6:*
  - *Move to adjourn the meeting.*
    - *Moved: Raziel Gabe, PMC Sierra*
    - *Seconded: Mark Laubach, Broadcom Corporation*
    - *(Procedural, required > 50%)*
    - *Motion passed by voice vote without opposition.*

The WG adjourned at 2:34pm.

Attendance Record

Last Name	First Name	Affiliation	Attendance		
			Tuesday, December 2, 2014	Wednesday December 3, 2014	Thursday December 4, 2014
Claussen	David	Charter Communication	X	X	X
Elbakoury	Hesham	Huawei		X	X
Gabe	Raziel	PMC Sierra	X	X	X
Hajduczenia	Marek	Bright House Networks	X	X	X
Knittle	Curtis	CableLabs	X	X	X
Kramer	Glen	Broadcom Corp.	X	X	X
Kusano	Toshihiko	Oliver Solutions		X	X
Laubach	Mark	Broadcom Corp.	X	X	X
Lopez	Chris	Charter Communication	X	X	X
Subramaniam	Ravi	IEEE-ISTO		X	X
Suzuki	Ken-Ichi	NTT Corporation	X	X	X
Yuan	Liquan	ZTE Corporation	X	X	X
Zhen	Zhou	Fiberhome Technologies	X	X	X