IEEE 1914 NGFI

P1914.1 TF Closing Report

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AIs (1)

- General
  - Go through the whole draft with the right “shall” and “may”
  - Start working on PICS
- Transport classes
  - 6.1.1 ordering of t1, t2, t3, t3 and t0
- Deployment scenario
  - 6.2.1.1.1 - remove the low layer from the title
  - figure 17, more explanation about the location of RU/CU, change the arrow
  - native CPRI -> CPRI
  - CPRIoRoE -> CPRI over Ethernet
  - native RoE/eCPRI -> ?
  - 2(3) -> 2 or 3
  - 6.1.2.1 change to informative? path latency performance
- Latency requirements
  - Move the content to after COS table
  - Delete this section

AIs (2)

- synchronization/TAE
  - Richard T. will share the model with WG in bi-weekly call
  - include P1914.1-D0.4-cl_sync_section_v1.doc
  - table 5, note 4, same radio or not?
  - Get feedback from Tim Frost
  - Update boundary clock vs transparent clock statement
  - zoom in RU as an example to address CPRI+?
  - specify the measuring point
  - synchronous Ethernet - refer to ITU-T
- Reliability
  - Check how this is written in other standards such as 3GPP, Ethernet, OTN, 802.1 TSN
  - Refer to TR22261, 5-9 rule(99.999%), BER criteria(10-5)
- Survival time
  - Four classes, Jinri to check the necessity
- Data plane requirements
  - keep data plane throughput, merge the rest with other sections

AIs (3)

- Security
  - refer to existing standard
- Network slicing
  - Re-visit 5.3.5.1 in D0.5, how to abstract and format?
  - Include the user scenario we discussed in the f2f meeting
- Converged networks
  - Re-visit the use of p-2-p and p-2-mp.
  - Delete midhaul
  - State fronthaul-I and fronthaul-II more clearly in the figure
  - Delete pt2mp and mp2mp in 5.3.5.1
- OAM
  - Keep the OAM reference model
  - Figure for maintenance domain needs to be updated (compliant with the latest deployment scenario generalized model)
  - State parameters to be monitored and reported: Latency, throughput, loss, connectivity, accepted window, etc.

AIs (4)

- Node
  - Keep the classes and the line rate, delete the others
  - Temperature range moved to 6.1.2.2 practical information
  - Add in appendix as informative: Ethernet-based NGFI node requirements
    - Model(refer to 802.1cm)
    - Sync (refer to 1588)
    - OAM(refer to Y1731, 802.1cm and 1914.1)
    - Security(refer to MACSec)

Teleconference until March

Every second week starting from Dec. 21

Summary

- Consensus on all the technical content
- Polishing the text before March meeting

Thank you!