IEEE P802.11  
Wireless LANs

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| TGbi Teleconference Minutes May 2025 - July 2025 | | | | |
| Date: 2025-07-20 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Stéphane Baron | Canon | Cesson-Sévigné, France |  | [Stephane.baron](mailto:Stephane.baron)@crf.canon.fr |

Abstract

This document contains the minutes for the IEEE 802.11bi task group meetings that took place in between May 28th 2025 and July 17th 2025.

Note: Highlighted text are action items.

Q – proceeds a question

A - proceeds an answer

C - proceeds a comment

Yellow highlight - action point

**Wednesday May 28th 2024, 10:00 EST.**

**Chair: Carol Ansley, Cox Communications**

**Secretary: Stéphane Baron**

**Vice-chairs: Jerome Henry, Cisco; Antonio DeLaOlivaDelgado, InterDigital, Inc**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 10:02 ET.

Agenda slide deck: [11-25-0992r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0992-02-00bi-tgbi-telecon-agenda-may-june-july.pptx):

1. Reminder to do attendance
2. The chair mentioned the call for essential patents

No answers.

1. Review of policies and procedures.

IEEE individual process slides were presented.

1. The chair covered the IEEE copyright policy and participation rules.

No Questions

1. **Discussion of agenda 11-25-0992r1 (slide #14)**
   1. Discussion on agenda

Some updates to submission queue.

Not all potential presenters were in attendance. Queue was adjusted during the meeting to accommodate those who were present.

* 1. Adoption of agenda by unanimous consent.

1. **Administrative**

Carol Ansley volunteered as secretary for this meeting.

1. **Technical contributions**
   1. [11-25/0925r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0925-02-00bi-technical-comments-9-4-1-83.docx) – Technical comments 9.4.1.83– Antonio de la Oliva

Document presented by the author.

* + 1. Discussion:

Minimal comments and an r3 version was uploaded before the following straw poll#1:

SP#1 text :

Agree with the resolutions in 25/925r3 for comments: 26, 31, 33, 199, 206, 308, 309, 326, 331, 332, 426, 429, 438, 441, 444, 446, 450, 853, 855.

No discussion

There was unanimous agreement with SP#1

* 1. [11-25/0709r8](https://mentor.ieee.org/802.11/dcn/25/11-25-0709-08-00bi-steering-to-bpe-ap-mld-text.docx) – Steering to BPE AP MLD Text – Jarkko Kneckt

Document presented by the author.

* + 1. Discussion:

A commenter asked for more time to review with their colleagues.

Author agreed and plans to ask for a straw poll on content in next call.

* 1. [11-25/0451r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0451-03-00bi-10-71-2-5-fixes.docx) – 10.71.2.5\_fixes – Jerome Henry

Document presented by the author.

* + 1. Discussion:

Some comments and questions.

Author to address them and return on a later call with updates.

* 1. [11-25/0452r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0452-02-00bi-9-4-2-349-fixes.docx) – 9.4.2.349\_fixes – Jerome Henry

Document presented by the author.

* + 1. Discussion:

Some comments and questions.

Author to address them and return on a later call with updates.

* 1. [11-25/0759r6](https://mentor.ieee.org/802.11/dcn/25/11-25-0759-06-00bi-cr-for-miscellaneous-cids.docx) – CR for Miscellaneous CIDs – Po-Kai Huang

Document presented by the author.

* + 1. Discussion:

Comments thanked the author for his efforts and asked him to check BPE callouts in particular and return with updates.

Commenters also asked for more time to review content.

Po-Kai to update his submission.

1. **AoB**

No other business

1. Chair adjourned the meeting at 11:56 EDT

**Attendance**

           Timestamp             Name                        Affiliation  
Breakout                                                                  
TGbi      05/28/2025    Ansley, Carol            Cox Communications Inc.  
TGbi      05/28/2025   Kneckt, Jarkko                         Apple Inc.  
TGbi      05/28/2025  McCann, Stephen       Huawei Technologies Co., Ltd  
TGbi      05/28/2025   Nezou, Patrice       Canon Research Centre France  
TGbi      05/28/2025     Rosdahl, Jon         Qualcomm Technologies, Inc  
TGbi      05/28/2025    Sevin, Julien       Canon Research Centre France  
TGbi      05/28/2025    Smith, Graham                       SRT Wireless  
TGbi      05/28/2025        Zhou, Lei  New H3C Technologies Co., Limited

**Wednesday June 04th 2025, 10:00 EST.**

**Chair: Carol Ansley, Cox Communications**

**Secretary: Stéphane Baron**

**Vice-chairs: Jerome Henry, Cisco; Antonio DeLaOlivaDelgado, InterDigital, Inc**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 10:02 ET.

Agenda slide deck: [11-25-0992r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0992-02-00bi-tgbi-telecon-agenda-may-june-july.pptx):

1. Reminder to do attendance
2. The chair mentioned the call for essential patents

No answers.

1. Review of policies and procedures.

IEEE individual process slides were presented.

1. The chair covered the IEEE copyright policy and participation rules.

No Questions

1. **Discussion of agenda 11-25-0992r2 (slide #14)**
   1. Discussion on agenda

Continue going thru our presentation queue

Document 11-25/0451 and 11-25/0452, 11-25/1008 are added to the queue

Document 11-25/0709 is now rev 10

* 1. Adoption of agenda by unanimous consent (14 participants online).

1. **Administrative**

Reminder to email chairman to be added or removed from the queue

1. **Technical contributions**
   1. [11-25/0477r4](https://mentor.ieee.org/802.11/dcn/25/11-25-0477-04-00bi-resolution-of-a-few-comments-on-clause-9.docx) – Resolution of a few comments on clause 9– Domenico Ficara

Document presented by the author.

* + 1. Discussion:

CID# 36, 37, 215, No discussion

56 (not relevant anymore after CID 215)

CID# 57, 58, 59, 60, 433, 485, 487, 488: No Discussion

216 (solved by 433, 485, 487, 488 resolution)

CID488:

Q: is it better to say that the number of AID12 fields is equal to the value in the Number Of Epochs field. ?

A: agree

Document updated accordingly.

CID 307, No discussion

CID 420

Editorial enhancement.

CID# 452, 454, 480, 481, 482, 484, 486, 507, 509, 793, 794, 1007, 1022, 1023: No discussion

856:

Q: in the resolution, you mention the epoch number, why don’t use this name in the field name ?

A: we removed iteration, so I don’t want to go back to “number” here.

860: editorial upgrade.

No more questions.

Author creates r5 with latest modification and ask for a SP

SP#1:

Agree with the resolutions proposed in document 25/477r5 for comments: 36, 37, 56, 57, 58, 59, 60, 215, 216, 307, 333, 420, 452, 454, 480, 481, 482, 484, 485, 486, 487, 488, 507, 509, 793, 794, 856, 860, 1007, 1022, 1023.

Chair ask if there is any discussion

No answer.

Chair ask if SP#1 is accepted without disagreement

No objection

SP#1: accepted without disagreement.

* 1. [11-25/0955r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0955-00-00bi-comment-resolution-for-cids-888-942-974.docx) – Comment resolution for CIDs 888, 942, 974 – Domenico Ficara

Document presented by the author.

* + 1. Discussion:

C: Thank you for providing a lightweight solution to this CID allowing the AP to have a tool to obfuscate the TIM element and to make life more difficult to eaves dropper.

Q: Another part put TIM anonymization, why do we another one? Or Am I misunderstanding?

A: I think there is no other solution for that.

A: Agree, previous mechanism related to AID for power save do not propose TIM element obfuscation solution.

C: ok, thank you.

Author then request a SP for those comments resolution

SP#2:

Agree with the resolutions proposed in document 25/955r0 for comments: 888, 942, 974.

Chair ask if there is any discussion

No answer.

Chair ask if SP#2 is accepted without disagreement

No objection

SP#2: accepted without disagreement.

* 1. [11-24/0709r10](https://mentor.ieee.org/802.11/dcn/25/11-25-0709-10-00bi-steering-to-bpe-ap-mld-text.docx) – Steering to BPE AP MLD Text– Jarkko Kneckt

Document presented by the author.

New presentation with an additional CID 257 (very similar to other CIDs included in the document)

* + 1. Discussion:

CID 257: no discussion

No discussion, so Author request a SP for the 3 comments

SP#3

Agree with the resolutions proposed in doc 25/709r10 for comments 257, 760 and 761.

Chair ask if there is any discussion

No answer.

Chair ask if anyone object to agree this SP#3 without disagreement

No objection

SP#3: accepted without disagreement.

* 1. [11-25/0435r5](https://mentor.ieee.org/802.11/dcn/25/11-25-0435-05-00bi-miscellaneous-comments.docx) – miscellaneous-comments – Po-Kai Huang

Document presented by the author.

* + 1. Discussion:

CID267, 268, 164: No discussion

No discussion

Author request a SP for the 3 comments

SP#4

Agree with the resolutions proposed in doc 25/435r5 for comments 267, 268 and 164

Chair ask if there is any discussion

No answer.

Chair ask if anyone object to agree this SP#4 without disagreement

No disagreement

SP#4: accepted without disagreement.

* 1. [11-24/759r6](https://mentor.ieee.org/802.11/dcn/25/11-25-0759-06-00bi-cr-for-miscellaneous-cids.docx) – CR for Miscellaneous CIDs – Po-Kai Huang

Document presented by the author.

* + 1. Discussion:

Q: Why is EDPM9 empty?

A: This is the top of the hierarchy; this is like that in the baseline.

Q: Why do you put BSS privacy under the frame anonymization?

A: I follow the structure of the clauses, and if nobody plans to change the clauses hierarchy, I propose to keep it like that.

C: My intention was to allow optimization

C: I just want to thank the author for this good work, and the split between CPE and BPE.

Q: Why is EDPM9 containing Y N N/A options then?

A: OK, I realize I need to add a reference and remove the Y/N/ /NA part in the EDPM9

Author then request a SP for this document.

SP#5:

Agree with the resolutions proposed in doc 25/759r7 for comments: 779, 991, 947, 929, 2, 5, 7, 141, 912, 940, 943, 961, 981.

Chair ask if there is any discussion

No answer.

Chair ask if anyone object to agree this SP#4 without disagreement

No disagreement

SP#5: accepted without disagreement.

* 1. [11-25/0532r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0532-02-00bi-12-16-4-comments.docx) – 12.16.4 comments – Po-Kai Huang

Document presented by the author.

Only one CID remains in this document.

* + 1. Discussion:

Q: are we inherited this vendor specific element?

A: You can do it but you need to be careful how you do it. You need to check that as soon as you have one vendor specific element not inherited, all cannot be inherited. This is all or none.

C: Other approach would be to not inherit vendor specific element. This avoids interoperability issues in the field.

A: Agree, this would be much simpler. I agree this should not have a too much impact on the size.

C: If anyone propose an explanation that vendor specific are the same for all links, I would agree to keep inheritance.

A: Some other members also requested to make it simpler, so I will come back to this offline.

No more question.

* 1. [11-25/0451r5](https://mentor.ieee.org/802.11/dcn/25/11-25-0451-05-00bi-10-71-2-5-fixes.docx) – 10.71.2.5\_fixes – Jerome Henry

Document presented by the author.

New presentation taking into account received during last presentation

* + 1. Discussion:

No discussion

Author then request a SP on this document.

SP#6

Agree with the resolutions proposed in doc 25/451r5 for comments: 91, 555, 121, 556, 92, 288, 1067, 214, 811, 93, 350, 349, 1068, 558, 94, 289, 559, 290, 812, 124, 560, 813, 351, 970.

Chair ask if there is any discussion

No answer.

Chair ask if anyone object to agree this SP#6 without disagreement

No disagreement

SP#6: accepted without unanimous agreement.

* 1. [11-25/0452r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0452-03-00bi-9-4-2-349-fixes.docx) – 9.4.2.349\_fixes– Jerome Henry

Document presented by the author.

New presentation taking into account received comments

* + 1. Discussion:

Q: You put everything in the end, right?

A: yes, I took all the CIDs.

No more questions

1. **AoB**

No other business

1. Chair adjourned the meeting at 11:56 EDT

**Attendance**

           Timestamp                Name                        Affiliation  
Breakout                                                                     
TGbi      04/06/2025       Bahn, Christy                         IEEE STAFF  
TGbi      04/06/2025      Campiglio, Ugo                Cisco Systems, Inc.  
TGbi      04/06/2025      Nezou, Patrice       Canon Research Centre France  
TGbi      04/06/2025         Li, Yanchun    Huawei Technologies France SASU  
TGbi      04/06/2025       Zimmer, Ethan                Cisco Systems, Inc.  
TGbi      04/06/2025       Ansley, Carol            Cox Communications Inc.  
TGbi      04/06/2025     baron, stephane       Canon Research Centre France  
TGbi      04/06/2025    Ficara, Domenico                Cisco Systems, Inc.  
TGbi      04/06/2025  Patwardhan, Gaurav         Hewlett Packard Enterprise  
TGbi      04/06/2025       Huang, Po-Kai                  Intel Corporation  
TGbi      04/06/2025       Henry, Jerome                Cisco Systems, Inc.  
TGbi      04/06/2025           Zhou, Lei  New H3C Technologies Co., Limited  
TGbi      04/06/2025          Yee, Peter                            NSA-CSD

**Wednesday June 18th 2025, 10:00 EST.**

**Chair: Carol Ansley, Cox Communications**

**Secretary: Stéphane Baron**

**Vice-chairs: Jerome Henry, Cisco; Antonio DeLaOlivaDelgado, InterDigital, Inc**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 10:02 ET.

Agenda slide deck: [11-25-0992r4](https://mentor.ieee.org/802.11/dcn/25/11-25-0992-04-00bi-tgbi-telecon-agenda-may-june-july.pptx):

1. Reminder to do attendance
2. The chair mentioned the call for essential patents

No answers.

1. Review of policies and procedures.

IEEE individual process slides were presented.

1. The chair covered the IEEE copyright policy and participation rules.

No Questions

1. **Discussion of agenda 11-25-0992r4(slide #14)**
   1. Discussion on agenda

Author ask addition of the doc 0951r1.

* 1. Adoption of agenda by unanimous consent (14 participants).

1. **Administrative**

Chair reminds to inform of available document to be added in the document queue.

1. **Technical contributions**
   1. [11-25/0452r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0452-03-00bi-9-4-2-349-fixes.docx) – 9.4.2.349\_fixes– Jerome Henry

Document presented by the author.

Quick review of the updates

* + 1. Discussion:

Q: In the document you have the frame format heavily modified in another document. Is it taking into account this new frame format?

A: I keep track but cannot built on top of other resolutions not in the spec

C: Just to keep track for tech editor.

Q (tech editor): Do you think there is any part of the current document conflicting with the other document.

C: CID 210 can be a problem because we currently have a response to the frame collision warning. It may conflict with CID 53 resolution.

C: After checking I think we can apply the resolution 210.

C: whenever we have a draft, it may be good to check CID resolution in view of the latest draft to avoid conflicts.

SP#7

Agree with the resolutions proposed in doc 25/452r3 for comments: 469, 1005, 50, 51, 52, 470, 471, 1006, 472, 952, 53, 210, 473, 474, 949, 933, 54, 475, 953, 934, 476, 55, 477, 478, 212, 753, 122, 479, 313.

Chair ask if there is any discussion

No answer.

Chair ask if anyone object to agree this SP#7 without disagreement

No disagreement

SP#7 accepted without disagreement

* 1. [11-25/1008r1](https://mentor.ieee.org/802.11/dcn/25/11-25-1008-01-00bi-clause3-2-fixes.docx) – Clause3.2\_fixes – Jerome Henry

Document presented by the author.

* + 1. Discussion:

Q: Is the CPE enhancement well defined. I “client” well defined?

A: there are plenty of occurrences of “client” in the existing draft.

C: CPE seams very unclear to me, this is not obvious.

A: I agree clause 3 should contain a quick definition of the CPE acronyms but on the other hand there are a lot of features in clause 10 to define the CPE behavior.

C: I found difficult CPE and BPE difference.

Q: This definition as it is does say anything. Can we say “mechanism to enhance client privacy by …” ?

C: BPE protect the BSS so also the clients.

C: I think CPE name itself is not that good but late to change it.

C: I think we should separate the feature before association and after.

C: We have CPE frame anonymization and BPE frame anonymization.

C: BPE provides additional protection to the AP privacy, and then client privacy because beacons are encrypted. This is why we select BSS because there are additional protection for the AP to protect the whole BSS.

C: Can we consider BPE is on top of CPE.

C: For BPE, I recommend to be a little wordier to explain what people just said before about BPE features being additional feature to protect the whole BSS including AP protection.

BPE definition amended to include “AP and non-AP privacy protection”.

C: would like to remove CPE non-AP/AP MLD/STA terms. It isn't clear what features such a device supports.

C: In my understanding BPE devices implement CPE. I would then say that CPE in enhancement for Client privacy, and BPE is an enhancement for MLD BSS and includes CPE.

A: There is no BSS MLD.

C: about MLD, for the frame anonymization we require MLD. But other features do not require MLD.

Q: If we agree on this definition, w should probably review the PICS accordingly since it seems that CPE is mandatory supported if BPE is supported, right?

A: BPE doesn’t means we support all CPE features (for instance 1.X for CPE is not supported foe BPE)

C: I think all CPE features are included in BPE; we cannot separate them.

A: I see that we should have a list of all the things and go and check the one has to be mandatory or not.

A; instead of changing the PICS w should have normative statements in clause 4 (shall, mays etc.) for the different features.

C: I think we need to make a list.

Q: I would suggest to remove the “Frame anonymization” in the BPE definition and rather keep “extending CPE features”.

A: agree.

C: this last definition looks good to me. Extending CPE doesn’t mean that you have to implement all CPE features but only mandatory CPE features.

C: PICS is only conformance statement; this is not the good place to explain what is mandatory. Normative statement is used for that.

CID 782 ; OTA MAC

Q: Can we indicate “transmitted over the air” ?

A: agree, I can indicate transmitted over the wireless medium.

CID 785

Q: Please not use the word “may” in definition.

A: agree.

Q:Can we indicate “single AP MLD” instead of “same AP MLD” ?

A: agree

Q/ what is the deference between the EPD parameters and the EDP settings.

A: in the past we called them parameters and now it is called “settings”.

Q: are EDP parameters the same as the FA parameters

A: for me the settings are correct and different from the FA parameters.

Presentation stopped due to lack of time.

1. **AoB**

No other business

1. Chair adjourned the meeting at 11:56 EDT

**Attendance**

           Timestamp                       Name                        Affiliation  
Breakout                                                                            
TGbi      06/18/2025             Hawkes, Philip              Qualcomm Incorporated  
TGbi      06/18/2025             Malinen, Jouni         Qualcomm Technologies, Inc  
TGbi      06/18/2025              Ansley, Carol            Cox Communications Inc.  
TGbi      06/18/2025              Sevin, Julien       Canon Research Centre France  
TGbi      06/18/2025            McCann, Stephen       Huawei Technologies Co., Ltd  
TGbi      06/18/2025              Henry, Jerome                Cisco Systems, Inc.  
TGbi      06/18/2025                  Zhou, Lei  New H3C Technologies Co., Limited  
TGbi      06/18/2025             Nezou, Patrice       Canon Research Centre France  
TGbi      06/18/2025            baron, stephane       Canon Research Centre France  
TGbi      06/18/2025                 Yee, Peter                            NSA-CSD  
TGbi      06/18/2025  DeLaOlivaDelgado, Antonio                 InterDigital, Inc.

**Wednesday June 25th 2025, 10:00 EST.**

**Chair: Carol Ansley, Cox Communications**

**Secretary: Stéphane Baron**

**Vice-chairs: Jerome Henry, Cisco; Antonio DeLaOlivaDelgado, InterDigital, Inc**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 10:02 ET.

Agenda slide deck: [11-25-0992r5](https://mentor.ieee.org/802.11/dcn/25/11-25-0992-05-00bi-tgbi-telecon-agenda-may-june-july.pptx):

1. Reminder to do attendance
2. The chair mentioned the call for essential patents

No answers.

1. Review of policies and procedures.

IEEE individual process slides were presented.

1. The chair covered the IEEE copyright policy and participation rules.

No Questions

1. **Discussion of agenda 11-25-0992r5(slide #14)**
   1. Discussion on agenda
   2. Adoption of agenda by unanimous consent (14 participants).
2. **Administrative**

TGbi upcoming teleconferences– email to be added to the submission queue

Reminder TGbi ad hoc scheduled July 7-10, 4 hours a day, see calendar for details.

Tech editor indicate eh will send a reminder to people responsible of unresolved CID to create associated document.

1. **Technical contributions**
   1. [11-25/0934r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0934-00-00bi-miscellaneous-editorial-comments.docx) – Miscellaneous editorial comments – Antonio de la Oliva

Document presented by the author.

Editorial comments

Quick presentation of the editorials

* + 1. Discussion:

C: I agree we don’t need to go thru the comment. I suggest quickly goes thru the change.

Presenter then show the changes.

Minor editorial modification to create r1

No more comment

Author request a SP for the r1 revision of the documents.

SP#1

Agree with the comment resolutions in 25/934r1 to resolve comments: 28, 38, 48, 110, 187, 188, 189, 190, 207, 401, 451, 492, 518, 521, 525, 526, 527, 528, 529, 531, 532, 939, 956, 1041, 1042, 1043, 1044, 1046.

No discussion on SP#1

Chair ask if anyone has an objection to accept this SP without objection.

SP#1 is accepted without any objection.

* 1. [11-25/0995r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0995-01-00bi-technical-comments-edp-settings-field-with-discussion.docx) – Technical comments EDP Settings field with discussion – Antonio de la Oliva

Document presented by the author.

* + 1. Discussion:

Cid34

Q: then we don’t need 2 octest . 1 is enough if we devide by 10

A: OK we can do that

Text modified accordingly to indicate “number of sta in units of 10” an 1 octet is removed.

CDI431

C: I agree it is a good thing to have only one way to express the duration of the epoch

Q: Do you think we can have iot devices changing Mac address dayly ?

A: yes it can be

Author indicate he will not request a SP for this one since some people involved in this discussion in the past are not present.

Q: for the last CID, do you mean this is the same value for MLD and per link. I think that this value is different since each MLD may not have same number of links .

A: I count a member in the group as soon as a STA of an MLD is in the group.

* 1. [11-25/1008r1](https://mentor.ieee.org/802.11/dcn/25/11-25-1008-01-00bi-clause3-2-fixes.docx) – Clause3.2\_fixes – Jerome Henry

Continuation of the document presented by the author.

Document now includes a discussion part that clarifies the differences between EDP , CPE , BPE , FA ,etc.

* + 1. Discussion:

BPE definition discussion

C: I think “extending” CPE is not correct since some CPE features are not in BPE

C: The only think is the group change request.

C: My understanding is that the CPE features have a different profile when in BPE.

C: I think we extend the CPE features by adding beacon stuff.

Q: What is the concern, is it on the word “extending”?

A: yes, I think the concern is saying extending CPE is understood by all CPE features plus others. But some CPE features are not going to be applicable.

C: A definition should not just repeat the name. Acronym’s definition is fine. Do we need a definition here? Can we just remove it?

C: For “client” can we indicate non-AP MLD or non-AP STA?

A: ok

C: I think we should say “a set of features” instead of “enhancements”

A: agree.

C: We should indicate “for AP\_MLD and, non-AP MLD “instead of MLD context.

A: OK

C: Maybe “privacy features” is better that “a set of features”

CPE and BPE definition modified accordingly.

Author will come back next session with a clean r3 revision.

* 1. [11-25/0532r3](https://mentor.ieee.org/802.11/dcn/25/11-25-0532-03-00bi-12-16-4-comments.docx) – CR for already resolved CID – Po-Kai Huang

New presentation of the document presented by the author taking into account received comments.

PMKID is now using a Hash.

* + 1. Discussion:

Q: Did we rename the nonce element ?

A: it was called fils element, and is now renamed

C: Currently in clause 9 we say that it is for authentication exchange that is not correct anymore.

A: OK, I will change the nonce element description.

Author will come back with a clean version.

* 1. [11-25/0535r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0535-02-00bi-12-16-7-comments.docx) – CR for already resolved CID – Po-Kai Huang

Document presented by the author.

Only one CID remaining around inheritance (Cid174).

* + 1. Discussion:

C: I don’t really like the “shall not be inherited”

C: The first sentence describes the rules for inheritance, but the except for is then unclear for vendor specific.

C: I would prefer to merge both paragraph in one paragraph.

Additional editorial enhancements.

Author will rework a little the chapter and come back latter

* 1. [11-25/0536r4](https://mentor.ieee.org/802.11/dcn/25/11-25-0536-04-00bi-12-16-5-comments.docx) – CR for already resolved CID – Po-Kai Huang

Document presented by the author.

Main CID is CID 965

* + 1. Discussion:

C: I think we need a rule for the setting of this authentication response code.

A: ok I can work on that.

Due to lack of time, the discussion is stopped. The author will continue the discussion with the Commenter offline

Chair indicated that we do not have a call next week.

1. **AoB**

Chair indicated that we don’t not have a call next week, and remind people to send contribution to be added in the queue .

1. Chair adjourned the meeting at 11:56 EDT

**Attendance**

           Timestamp                       Name                        Affiliation  
Breakout                                                                            
TGbi      06/25/2025              Smith, Graham                       SRT Wireless  
TGbi      06/25/2025              Ansley, Carol            Cox Communications Inc.  
TGbi      06/25/2025            McCann, Stephen       Huawei Technologies Co., Ltd  
TGbi      06/25/2025              Zimmer, Ethan                Cisco Systems, Inc.  
TGbi      06/25/2025             Malinen, Jouni         Qualcomm Technologies, Inc  
TGbi      06/25/2025  DeLaOlivaDelgado, Antonio                 InterDigital, Inc.  
TGbi      06/25/2025              Henry, Jerome                Cisco Systems, Inc.  
TGbi      06/25/2025                Xu, Yanchao                            Amlogic  
TGbi      06/25/2025             Nezou, Patrice       Canon Research Centre France  
TGbi      06/25/2025            baron, stephane       Canon Research Centre France

**Wednesday July 16th 2025, 10:00 EST.**

**Chair: Carol Ansley, Cox Communications**

**Secretary: Stéphane Baron**

**Vice-chairs: Jerome Henry, Cisco; Antonio DeLaOlivaDelgado, InterDigital, Inc**

**Technical editor: Po-Kai Huang, Intel**

Chair calls meeting to order at 10:02 ET.

Agenda slide deck: [11-25-0992r7](https://mentor.ieee.org/802.11/dcn/25/11-25-0992-07-00bi-tgbi-telecon-agenda-may-june-july.pptx):

1. Reminder to do attendance
2. The chair mentioned the call for essential patents

No answers.

1. Review of policies and procedures.

IEEE individual process slides were presented.

1. The chair covered the IEEE copyright policy and participation rules.

No Questions

1. **Discussion of agenda 11-25-0992r7(slide #14)**
   1. Discussion on agenda

Doc 11-25/1112r0 and 11-25/1113r0 are uploaded for today’s presentation

* 1. Adoption of agenda by unanimous consent (12 participants).

1. **Administrative**
2. **Technical contributions**
   1. [11-25/1113r0](https://mentor.ieee.org/802.11/dcn/25/11-25-1113-00-00bi-cr-epoch-start-time-computation-part-1.docx) CR Epoch start time computation Part 1 – Patrice Nezou

Document presented by a co-author (Stéphane Baron).

* + 1. Discussion:

CID954 –

C: “pseudo random variable” is not clear –A: It is an introduction and the variable is computed on both sides. We could replace by “a pseudo random offset is computed and used by both the AP and the non-AP STA of the EDP group” and remove the rest of the sentence.

CID1054:

The status of the CID is set to revised due to some modifications.

Author will come during the F2F with a new revision.

* 1. [11-25/1112r0](https://mentor.ieee.org/802.11/dcn/25/11-25-1112-00-00bi-cr-epoch-start-time-computation-part-2.docx) – CR Epoch start time computation Part 2 – Stéphane Baron

Document presented by the author.

* + 1. Discussion:

CID74:

Q: what is really a frame exchange? – A: complex wording. Need a complete contribution to precise. The latest complete definition is in Architecture document, in Annex G .

Everybody is OK with this fact and let the resolution as it is.

CID78/82:

C: I disagree with the words “one link”. I don’t think that we must specify the link.

A: When we receive an EDP Start time on a link, we must derive and compute offset for the other links. We are at MLD level.

OK CID deferred.

C: In fact, the association response frame should be sent on the same link. “shall” should apply on the element presence and not on the response.

A: Agree, I will update the sentence.

CID201:

C: 20% for the maximum time range variation is too long for long Epoch Intervals.

A: I don’t want to set a real value. Nobody will be satisfied with a dedicated value. We need a discussion for that, but for now 20% seems reasonable.

CID239:

C: about new figure detailing Epoch timing (10-166b), please explain details of the figure in text.

C: “Planned start time” is not very clear for me. Probably we need some renaming.

C: I think we don’t need to mix timing and FA parameters. But the figure is greatly improved.

A: I will separate both aspects but keep only figure.

Author stopped presenting at CID 287. Presentation will continue during the F2F

1. **AoB**
2. Chair adjourned the meeting at 12:00 EDT

**Attendance**

           Timestamp              Name                   Affiliation  
Breakout                                                              
TGbi      07/16/2025   baron, stephane  Canon Research Centre France  
TGbi      07/16/2025     Smith, Graham                  SRT Wireless  
TGbi      07/16/2025     Henry, Jerome           Cisco Systems, Inc.  
TGbi      07/16/2025     Bahn, Christy                    IEEE STAFF  
TGbi      07/16/2025     Huang, Po-Kai             Intel Corporation  
TGbi      07/16/2025     Ansley, Carol       Cox Communications Inc.  
TGbi      07/16/2025    Nezou, Patrice  Canon Research Centre France  
TGbi      07/16/2025     Sevin, Julien  Canon Research Centre France  
TGbi      07/16/2025  Thakore, Darshak                     CableLabs  
TGbi      07/16/2025   McCann, Stephen  Huawei Technologies Co., Ltd