IEEE P802.11  
Wireless LANs

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| TGbn MAC Ad Hoc Jan 2025 Kobe Minutes | | | | |
| Date: 2025-03-27 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Srinivas Kandala | Samsung Electronics |  |  | srini.k1@samsung.com |

This document contains the minutes for the IEEE 802.11bn MAC Ad Hoc sessions between March and May 2025

Abbreviation(s) used:

C: Comment

Q: Question

A: Answer

r0: initial version

r1: minutes until teleconference on Mar. 27th

# Minutes for the IEEE 802.11bn MAC Ad Hoc Mar-May Sessions

TGbn MAC Ad Hoc Chair chairing: Xiaofei Wang (Interdigital)

TGbn MAC Ad Hoc Chair serving as recording secretary: Srinivas Kandala (Samsung)

## 1st Conf. Call: March 24 (19:00–21:00 ET)–MAC

1. The chair called the meeting to order at 7:02 PM EDT.
   1. The chair, Xiaofei Wang, introduced himself.
   2. The secretary for the session is Srinivas Kandala
2. Chair’s reminder on meeting and patent policies.
   1. The chair reminded attendees of the patent polices.
   2. Chair called for essential patents, and none was indicated.
   3. The chair reminded attendees that participation is on an individual basis.
   4. The chair reminded attendees of IEEE meeting and copy right policies.
   5. Chair’s reminder on recording attendance through IMAT

**Recorded attendance through Imat and e-mail:**

|  |  |
| --- | --- |
| Name | Affiliation |
| Park, Minyoung | Apple Inc. |
| Sakamoto, Ryunosuke | SHARP CORPORATION |
| Sato, Takuhiro | SHARP CORPORATION |
| Jee, Anand | SAMSUNG ELECTRONICS |
| Inoue, Kyosuke | SHARP CORPORATION |
| Sevin, Julien | Canon Research Centre France |
| Inohiza, Hirohiko | Canon |
| Shabdanov, Samat | Mediatek |
| Shafin, Rubayet | Samsung Electronics |
| Huang, Po-Kai | Intel Corporation |
| huang, kaikai | Nokia |
| Shi, Jiacheng | TCL |
| Shi, Zhenpeng | Huawei Technologies Co., Ltd |
| Kalamkar, Sanket | Qualcomm Incorporated; Qualcomm Technologies, Inc |
| Shirakawa, Atsushi | SHARP CORPORATION |
| Ho, Duncan | Qualcomm Technologies, Inc |
| Sung, Hyeonjun | WILUS Inc. |
| Hedayat, Ahmadreza | Apple Inc. |
| Tanaka, Yusuke | Sony Corporation |
| Hasabelnaby, Mahmoud | Huawei Technologies Canada; Huawei Technologies Co., Ltd |
| Urabe, Yoshio | Panasonic Holdings Corporation |
| Hart, Brian | Cisco Systems, Inc. |
| Varshney, Prabodh | Nokia |
| Wang, Qi | Apple Inc |
| Hamilton, Mark | Ruckus/CommScope |
| Wang, Xiaofei | InterDigital, Inc. |
| Haider, Muhammad Kumail | Meta Platforms, Inc. |
| Hsu, Ostrovsky | Xiaomi Communications Co., Ltd. |
| Ryu, Kiseon | WILUS Inc. |
| Ratnam, Vishnu | Samsung Research America |
| Kandala, Srinivas | Samsung |
| Li, Weiyi | Spreadtrum Communication USA, Inc |
| Lu, Liuming | Guangdong OPPO Mobile Telecommunications Corp.,Ltd. |
| Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. |
| LEE, JOONSOO | Newracom Inc. |
| Ma, Yongsen | SAMSUNG ELECTRONICS |
| Lee, Hong Won | LG ELECTRONICS |
| Mehrnoush, Morteza | Apple Inc. |
| Mohamed Hassan Salem, Nedime Pelin | Cisco Systems, Inc. |
| Kuo, Chih-Chun | MediaTek Inc. |
| Monajemi, Pooya | Apple Inc. |
| Koo, Jonghoe | SAMSUNG ELECTRONICS |
| Klein, Arik | Huawei Technologies Co., Ltd |
| Kishida, Akira | NTT |
| Montemurro, Michael | Huawei Technologies Co., Ltd |
| Motozuka, Hiroyuki | Panasonic Holdings Corporation |
| Nayak, Peshal | Samsung Research America |
| Kim, Sang Gook | LG ELECTRONICS |
| Noh, Si-Chan | Newracom Inc. |
| Kim, Jungjun | Samsung Electronics |
| Ouchi, Masatomo | Canon |
| Kim, Jeongki | Ofinno |
| Park, Sungjin | Senscomm |
| Kim, Geon Hwan | LG ELECTRONICS |
| Patil, Abhishek | Qualcomm Incorporated |
| Perez, Javier | Ofinno |
| Kang, HaoHua | MediaTek Inc. |
| Quan, Yingqiao | Spreadtrum Communications (Shanghai) Co., Ltd.; Unisoc (Shanghai) Technologies Co., Ltd. |
| Xia, Qing | Sony Corporation |
| Lou, Hanqing | InterDigital, Inc. |
| Xiao, Tong | Xiaomi Communications Co., Ltd. |
| Xu, Yanchao | Amlogic |
| Chen, Wei-Han | Mediatek Inc |
| Cha, Dongju | LG ELECTRONICS |
| Byeon, Seongho | SAMSUNG ELECTRONICS |
| Baykas, Tuncer | Self |
| CHENG, yajun | Xiaomi Communications Co., Ltd. |
| Aio, Kosuke | Sony Corporation |
| Bansal, Ankur | SAMSUNG ELECTRONICS |
| Choi, JinHo | SAMSUNG ELECTRONICS |
| Yan, Zhongjiang | Northwestern Polytechnical University |
| Gu, Xiangxin | Spreadtrum Communications (Shanghai) Co., Ltd. |
| Yang, Haorui | China Mobile |
| Gu, Junrong | Clourney Semiconductor |
| Gu, Jaheon | Samsung Electronics Co., Ltd. |
| Yang, Jay | ZTE Corporation |
| Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| Yin, Shirley | Clourney Semiconductor |
| Fischer, Matthew | Broadcom Corporation |
| Yoon, Yelin | LG ELECTRONICS |
| Fang, Yonggang | MediaTek Inc. |
| Zhang, Maolin | Huawei Technologies Co., Ltd |
| Fan, Shuang | Sanechips Technology Co., Ltd. |
| Zhao, Yue | Huawei Technologies Co., Ltd |
| Erkucuk, Serhat | Ofinno |
| Dumdei, Alan | Cisco |
| Zhou, Huixuan | Guangdong OPPO Mobile Telecommunications Corp., Ltd. |
| Zhou, Renlong | Sanechips Technology Co., Ltd. |
| Das, Subir | Peraton Labs |
| Cui, Yaoshen | TP-Link Systems Inc. |
| Coffey, John | Realtek Semiconductor Corp. |
| Chu, Liwen | NXP Semiconductors |
| Gupta, Binita | Cisco Systems, Inc. |
| li, yan | ZTE Corporation |

1. The agenda is [11-25/0504r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0504-00-00bn-mar-may-tgbn-teleconference-agenda.docx).
   1. The chair reviews agenda
      1. The author of [24/2007r4](https://mentor.ieee.org/802.11/dcn/24/11-24-2007-04-00bn-pdt-mac-p-edca.docx) stated that he has presented in an earlier meeting and has been working on r5, but is not ready to be presented and requested to be removed
      2. Rest of the agenda is approved by unanimous consent by all attendees.
2. Announcements: None
3. CR/PDT Submissions:

* [~~24/2007r4~~](https://mentor.ieee.org/802.11/dcn/24/11-24-2007-04-00bn-pdt-mac-p-edca.docx) ~~PDT-MAC-P EDCA Akhmetov, Dmitry~~
  + Removed from agenda.
* [25/0448r2](https://mentor.ieee.org/802.11/dcn/25/11-25-0448-02-00bn-pdt-mac-on-low-latency-indication.docx) PDT MAC on low latency indication Mohamed Abouelseoud
  + Submission has been walked through
  + Discussion:
    - C: Any reason for not reserving the Fragment Number field in the Multi-STA BA?
    - A: Fragment number is used for determing the size of the feedback and this is still going to be used.
    - C: What is the intent of Low Latency Indication?
    - A: This is in the motion passed. What is sent is TBD, but there should be enough number of bits.
    - C: Is the feature described somewhere?
    - A: It is already in D0.1.
    - C: But isn’t this confusing when competing STAs put this indication, how would the scheduler react?
    - A: You just give it to the TXOP holder and it would determine how to act on it. This could be scheduled in the same TXOP and is not related to the scheduling based on BSRP etc.
    - C: If it were limited to the current TXOP, it makes sense, but if it is for the subsequent TXOPs, then there is this issue if multiple STAs indicate and may lead for competition.
    - A: For now, the indication is TBD. Currently this is what is in the draft – this is being sent to the AP and AP will take action.
    - C: Same question as above. My initial understanding is the low latency indication would be a single bit, but now it appears to be multiple number of bits.
    - A: No, it could be just one bit, the figure only shows multiple bits but it is for indicating TBD.
    - C: I would like to understand the usecase if there is more than one bit
    - A: Not in disagreement, it is just TBD number of bits, so that we can move forward.
    - C: We need to understand what we are indicating.
    - A: There are missing details as AP may not know how AP should be using this information.
    - C: On signalling, in the starting sequenc control, why do we have “feedback type” in the middle of the reserved bits?
    - A: I wanted to put it in the end, but some commenter asked for a reason. So, I kept it this way.
    - C: Similar comment. The expectation now is to resolve the TBDs and attempt to remove them and if we find comments, can we enter and resolve the related comments as this is targeted towards incorporating into D1.0, better to minimize.
* [25/0479r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0479-00-00bn-cr-for-cid-1378.docx) CR\_for\_CID\_1378 Dibakar Das
  + Submission has been walked through
  + Discussion
    - C: There are couple of TBDs. It is better to resolve them before incorporating into the draft.
    - C: One comment is editorial and will discuss offline. The other one, I see the motion #244 differently. The scope is not limited to C-TDMA, but to time-sharing.
    - A: But there is motion 329 that discusses C-TDMA specifically.
    - C: I agree that there should not be TBDs in the draft, but wiping out the TBDs without placeholder carries some risk.
    - C: In the second subbulet in 37.17, the TXOP limit it advertises, AP is already using the TXOP, so it should be reduced.
    - A: Agree and will try to work it out.
    - C: In the final paragraph, you mention TXOP sharing mode 2, in mode 2, the STA can communicate to the AP for uplink.
    - A: It is not disallowed and still operating within the limit.
    - C: My understanding from the paragraph that the AP should start with its own STA, but in mode 2, the STA can send uplink, and we should not exclude this case.
    - A: Mode 2 is mainly for P2P, but if there is uplink mode it can be used and better to use.
    - C: Perhaps we can take it offline, but it may be better to limit. Mode 2 is different from C-TDMA and C-TDMA could have OBSS traffic.
    - A: Let us take it offline
    - C: To clarify, the suggestion is not to remove TBD, but replace it with a value that is acceptable to the group. The purpose is not to add TBDs without any resolution
    - C: Also, the txop sharing can be used for other purposes and should be added.
    - A: But the motion is limited to C-TDMA.
    - C: I prefer to finalize for C-TDMA and then extend to others.
    - C: The TXOP limit announced is not a restriction to the AP and thus the minus part is not needed (mentioned above).
    - A; I understand.
    - C: I would like to generalize to other mechanisms.
    - C: Everyone should be limited to the same limit
    - A: Let us move it offline
    - C: Include .11bn reflector to all offline discussions

1. Technical Submissions – Roaming Part 3:

* [24/1890](https://mentor.ieee.org/802.11/dcn/24/11-24-1890-00-00bn-seamless-roaming-follow-up-2.pptx) Seamless roaming follow up 2 Liwen Chu
  + Submission has been walked through
  + Discussion
    - C: For the example in slide 7, the SN for AP1 is until 31 and for AP2, it starts at 32. Will it be continuous?
    - A: Yes, in seamless roaming it needs to be continuous.
    - C: Slide 3, for first association ML set up will be first but should not need to have the SMD.
    - A: If seamless roaming is supported, the ML set up should have the required information
    - C: During association, isn’t it sufficient with basic procedure?
    - A: Modifications need to be made.
    - The author chooses to defer running the SP and asks people to contact him offline.
* [24/1898](https://mentor.ieee.org/802.11/dcn/24/11-24-1898-00-00bn-low-latency-roaming-flow.pptx) Low Latency Roaming Flow Pooya Monajemi
  + Submission has been walked through
  + Discussion
    - C: Did you think of the signaling that you want to use?
    - A: Havent thought about signaling yet.
    - C: One caution is not to use management frames and perhaps use some other ways.
    - A: Your idea is to have management frames should be sent by only one AP.
    - C: Yes, that is correct.
    - C: Slide 11, you mentioned that this is an optimization issue. I want to check with you. Is this optimization issue or an implementation issue?
    - A: Not sure if it is implementation, but if you have to ignore one TID, but then you would have loss in transmission.
    - C: Would you be using the BAR to indicate per TID?
    - A: Yes, something like that.
* [24/0656](https://mentor.ieee.org/802.11/dcn/24/11-24-0656-01-00bn-seamless-roaming-signaling-details.pptx) Seamless roaming signalling details Binita Gupta
  + Submission has been walked through
  + Discussion
    - C: link reconfiguring req/resp are link-level and not MLD level and AIDs may not match.
    - A: AID scope is with MLD.
    - C: But the same AID could be used by target MLD.
    - A: Let us move to offline discussion.
    - C: You mentioned the SMD ID being one byte. Earlier the domain ID was two bytes. Do you plan to keep it that way or will you have to versions?
    - A: We already have an agreement that SMD 1D would be 6 octets. This is a shortened version to only identify the SMDs locally.
    - C: On AID, receiving that AID at the last minute may not be good and should be done earlier. Why not just run multiple preparations and if there is concern on running out AID space, then there can be the risk of running out the SCS? The prep phase should not be too light and should be like association.
    - A: We split into phases for a reason. With the link set up, there is not a lot of processing involved. Let us discuss more offline.
* [24/0658](https://mentor.ieee.org/802.11/dcn/24/11-24-0658-00-00bn-optimizing-roaming-scan.pptx) Optimizing Roaming Scan Binita Gupta
  + Submission has been walked through partially
  + Discussion:
    - C: Do you plan to define a new element?
    - A: You can use one bit.
    - Ran out of time

1. AoB: None
2. Adjourn: Meeting was adjourned at 9:01 PM EDT

## 2nd Conf. Call: March 27 (10:00–12:00 ET)–MAC

1. The chair called the meeting to order at 10:02 AM EDT.
   1. The chair, Xiaofei Wang, introduced himself.
   2. The secretary for the session is Srinivas Kandala
2. Chair’s reminder on meeting and patent policies.
   1. The chair reminded attendees of the patent polices.
   2. Chair called for essential patents, and none was indicated.
   3. The chair reminded attendees that participation is on an individual basis.
   4. The chair reminded attendees of IEEE meeting and copy right policies.
   5. Chair’s reminder on recording attendance through IMAT

**Recorded attendance through Imat and e-mail:**

|  |  |
| --- | --- |
| Cha, Dongju | LG ELECTRONICS |
| Carney, William | Sony Group Corporation |
| Byeon, Seongho | SAMSUNG ELECTRONICS |
| Baykas, Tuncer | Self |
| baron, stephane | Canon Research Centre France |
| Lorgeoux, Mikael | Canon Research Centre France |
| Bai, Jiyang | TCL |
| Chaturvedi, Abhishek | Samsung Electronics |
| Bansal, Ankur | SAMSUNG ELECTRONICS |
| Chen, Junbin | TP-Link Systems Inc. |
| CHENG, yajun | Xiaomi Communications Co., Ltd. |
| Fischer, Matthew | Broadcom Corporation |
| Zhang, Jiayi | Ofinno |
| Fang, Yonggang | MediaTek Inc. |
| Zhao, Xuwen | TCL |
| Zhao, Yue | Huawei Technologies Co., Ltd |
| Fan, Shuang | Sanechips Technology Co., Ltd. |
| Zhong, Ke | Ruijie Networks Co.,Ltd. |
| Zhou, Huixuan | Guangdong OPPO Mobile Telecommunications Corp., Ltd. |
| Chen, Wei-Han | Mediatek Inc |
| Doppler, Klaus | Nokia |
| Dong, Xiandong | Xiaomi Communications Co., Ltd. |
| Di Taranto, Rocco | Ericsson AB |
| Ding, Qian | TP-Link Systems Inc. |
| Das, Subir | Peraton Labs |
| Chung, Chulho | SAMSUNG |
| Chu, Liwen | NXP Semiconductors |
| Choi, Jinsoo | LG ELECTRONICS |
| Choi, JinHo | SAMSUNG ELECTRONICS |
| Zhou, Lei | H3C Technologies Co., Limited |
| Yoon, Yelin | LG ELECTRONICS |
| Lim, Dong Guk | LG ELECTRONICS |
| Genc, Eda | Nokia |
| Georgiev, Zahari | Cisco Systems, Inc. |
| Nezou, Patrice | Canon Research Centre France |
| Noh, Si-Chan | Newracom Inc. |
| Kim, Sang Gook | LG ELECTRONICS |
| Kim, Jungjun | Samsung Electronics |
| Park, Sungjin | Senscomm |
| Kim, Jeongki | Ofinno |
| Patil, Abhishek | Qualcomm Incorporated |
| Neishaboori, Azin | General Motors Company |
| Kim, Geon Hwan | LG ELECTRONICS |
| Karthik, S. G. | SAMSUNG ELECTRONICS |
| Quan, Yingqiao | Spreadtrum Communications (Shanghai) Co., Ltd.; Unisoc (Shanghai) Technologies Co., Ltd. |
| Kang, HaoHua | MediaTek Inc. |
| Ratnam, Vishnu | Samsung Research America |
| Kandala, Srinivas | Samsung |
| RISON, Mark | Samsung Cambridge Solution Centre |
| Roy, Rishabh | SAMSUNG ELECTRONICS |
| Ryu, Kiseon | WILUS Inc. |
| Perez, Javier | Ofinno |
| Kamel, Mahmoud | Interdigital Inc. |
| Kim, Sanghyun | WILUS Inc. |
| Kim, Suhwook | SAMSUNG ELECTRONICS |
| Lou, Hanqing | InterDigital, Inc. |
| li, yan | ZTE Corporation |
| Lovison, Federico | Cisco Systems, Inc. |
| Lu, kaiying | MediaTek Inc. |
| Lu, Liuming | Guangdong OPPO Mobile Telecommunications Corp.,Ltd. |
| Li, Weiyi | Spreadtrum Communication USA, Inc |
| LU, Yuxin | TCL Industries |
| Luo, Chaoming | Beijing OPPO telecommunications corp., ltd. |
| Mutgan, Okan | Nokia |
| Li, Haozheng | TP-Link System Inc. |
| LEE, JOONSOO | Newracom Inc. |
| Manoharan, Jegan | Cisco Systems, Inc. |
| McCann, Stephen | Huawei Technologies Co., Ltd |
| Lee, Hong Won | LG ELECTRONICS |
| Lee, Gwangho | Korea National University of Transportation |
| Monajemi, Pooya | Apple Inc. |
| Kuo, Chih-Chun | MediaTek Inc. |
| Kishida, Akira | NTT |
| Ma, Yongsen | SAMSUNG ELECTRONICS |
| Kalamkar, Sanket | Qualcomm Incorporated; Qualcomm Technologies, Inc |
| Kakani, Naveen | Qualcomm Incorporated; Qualcomm Technologies, Inc |
| Scott, David | Cisco Systems, Inc. |
| Wang, Xiaofei | InterDigital, Inc. |
| Halna du Fretay, Tristan | Canon Research Centre France |
| Wang, Ying | InterDigital, Inc. |
| Wee, Gaius | Panasonic Holdings Corporation |
| Xia, Qing | Sony Corporation |
| Haider, Muhammad Kumail | Meta Platforms, Inc. |
| Xiao, Tong | Xiaomi Communications Co., Ltd. |
| Ha, Taeyoung | Samsung Electronics Co., Ltd. |
| Handte, Thomas | Sony Group Corporation |
| Xu, Yanchao | Amlogic |
| Yan, Zhongjiang | Northwestern Polytechnical University |
| GUIGNARD, Romain | Canon Research Centre France |
| Yang, Haorui | China Mobile |
| Gu, Xiangxin | Spreadtrum Communications (Shanghai) Co., Ltd. |
| Yang, Jay | ZTE Corporation |
| Gu, Jaheon | Samsung Electronics Co., Ltd. |
| Yang, Yunpeng | TP-Link Systems Inc. |
| Yano, Kazuto | Advanced Telecommunications Research Institute International (ATR) |
| Gupta, Binita | Cisco Systems, Inc. |
| Wang, Qi | Apple Inc |
| Hart, Brian | Cisco Systems, Inc. |
| Varshney, Prabodh | Nokia |
| Sevin, Julien | Canon Research Centre France |
| Inoue, Kyosuke | SHARP CORPORATION |
| Shabdanov, Samat | Mediatek |
| Hussein, Abdalla | Huawei Technologies Canada; Huawei Technologies Co., Ltd |
| Huang, Qisheng | ZTE Corporation |
| Shi, Jiacheng | TCL |
| huang, kaikai | Nokia |
| Shi, Zhenpeng | Huawei Technologies Co., Ltd |
| HUANG, CHIHAN | MediaTek Inc. |
| Hu, Chunyu | Spreadtrum Communications US |
| Smith, Graham | SRT Wireless |
| Sun, Bo | Sanechips Technology Co., Ltd. |
| Sung, Hyeonjun | WILUS Inc. |
| Hervieu, Lili | CableLabs |
| Hedayat, Ahmadreza | Apple Inc. |
| Tsujimaru, Yuki | Canon |
| Urabe, Yoshio | Panasonic Holdings Corporation |
| Hasabelnaby, Mahmoud | Huawei Technologies Canada; Huawei Technologies Co., Ltd |
| Val, Inaki | MaxLinear, Inc. |
| Yee, James | MediaTek Inc. |

1. The agenda is [11-25/0504r1](https://mentor.ieee.org/802.11/dcn/25/11-25-0504-01-00bn-mar-may-tgbn-teleconference-agenda.docx).
   1. The chair reviews agenda
      * Document 24/2007r4 should be 24/2007r5
      * No objections to the agenda. The agenda is approved.
2. Announcements:
3. CR/PDT Submissions – Miscellaneous:
   1. [24/2007r5](https://mentor.ieee.org/802.11/dcn/24/11-24-2007-04-00bn-pdt-mac-p-edca.docx) PDT-MAC-P EDCA Akhmetov, Dmitry
   * Submission has been walked through
   * Discussion
     + C: If RTS/CTS sent then it may violate the rules
     + A: If P-EDCA, CTS may be transmitted or you could still use RTS/CTS. There is no conflict
     + C: But there will be inconsistency in frame exchange and may result in unfairness
     + A: There is really no inconsistency. After a collision, a CTS can be sent or RTS/CTS can be sent
     + C: There should be a comment on the format and transmit rate for RTS as initial freame in the TXOP
     + A: There should be some justification as that is not there in the regular EDCA
     + C: Since there are two options, we need to consider the format of EDCA
     + A: We may take it to offline, but it doesn’t matter whether you use a regular RTS or a special RTS as it will be a collision anyway
     + C: We can take it offline
     + C: “The protected duration of P-EDCA is TBD” can be deleted as it is already resolved
     + A: Yes
     + C: Editorial, some PEDCA to be replaced with P-EDCA. Also, it may be good to avoid confusion better to call it CTSDS instead of CTS.
     + A: But it is still only a CTS and may be there is no need for a new name
     + C: But as CTS is used in another context, it may be better to say unsolicited CTS
     + C: How do you enforce “EDCA eligible STA has AC\_VO traffic buffered traffic”?
     + A: But if someone wants to cheat, the standard cannot prevent it, so it can not be enforced
     + C: There has been no discussion on the MAC address
     + A: Yes, but in order to resolve TBD, either we choose AP MAC address or some newly defined. For now, AP MAC address has been chosen
     + C: Can you add the explanation?
     + A: I understand but not sure what to add. I will see what I can add
   1. [25/0437r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0437-00-00bn-cc-d0-1-subclause-37-11.docx) CC D0.1 subclause 37.11 Laurent Cariou
   * Submission has been walked through
   * Discussion
     + C: Need time to review the document
     + C: For 2694 it might be better to add a definition in 3.2
     + A: Agree
     + C: The number of availability bits is 9 but the unavailability duration field can be set up to 1023
     + A: Yes, this needs to be resolved by the group
     + C: Can we walk through the comment and the corresponding changes?
     + A: Per the latest guidelines for comment collection, we are providing references but not necessarily walking them through
     + C: Is the MIB variable dot11DUOOptionImplemented or should it be activated?
     + A: Need to look into what we use and harmonize
     + C: There does not appear to be an option to initiate a tear down per STA from the AP, so all STAs may be penalized
     + A: It is just an enabled feature and typically we don’t tear down if there is no negotiation
     + C: But there is a negotiation, so if agreement is followed then it should be torn down
     + A: yes, we can follow it
     + C: For Multi-STA BlockAck frame with ACK does not need TID Subfield
     + A: Good point and I will look into it
     + C: Request to run the SP after some more time to review
     + A: Agree to delay until hearing other comments
   1. [25/0438r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0438-00-00bn-cc-d0-1-subclause-9-3-1-8-6.docx) CC D0.1 subclause 9.3.1.8.6 Laurent Cariou
      * Submission has been walked through
      * Discussion
        + C: Is there a reason to place the feedback type at the location it is as there may be issues?
        + A: We can flip the order if there are no other issues
        + C: There is a deletion and is not shown as a change
        + A: Thanks, I will correct those
        + C: The comma should be a semicolon in Table 9-40 in the last column?
        + A: Yes
        + C: Can the added text in the last column header to be moved to a note with an asterisk?
        + A: Yes
        + C: Figure 9-60b – you don’t need to say it is 4 octets
        + A: Will fix
        + C: Feedbak type will be same size or different
        + A: It will depend on the feedback type
        + (Discussion on number of bits for unavailability)
        + C: We may need to coordinate as there is another contribution using some of the fields
        + Presenter will take comments in the chat and work on them
   2. [25/0513r0](https://mentor.ieee.org/802.11/dcn/25/11-25-0513-00-00bn-pdt-mac-and-cc50-cr-of-bsr-enhancement.docx) PDT MAC and CC50 CR of BSR Enhancement Frank Hsu
      * Submission has been walked through
      * Discussion
        + C: What is the need for the two reserved bits
        + A: This is because it is still TBD
        + C: We may amend if there is a need in the future
        + C: Delivery queue is per AC and not TID and you may want to clarify
        + C: “may set” may not be correct and probably should be “shall” if the field value is 255. May be not even needed as it is repeating is what is in clause 9
        + C: Is there a need for the note?
        + C: OK to keep the note if the note is precise or should be removed. Will send some proposed text
        + C: Going back to “may set” comment, we have larger and unknown. Is the intention to have only one?
        + A: But unknown is already covered in QoS Control so no need for it to be in two places
4. Technical Submissions – Roaming Part 3:
   1. [24/1894](https://mentor.ieee.org/802.11/dcn/24/11-24-1894-00-00bn-smd-architecture.pptx) SMD architecture Binita Gupta
      * Submission has been walked through
      * Discussion
        + C: Each SMD has an authenticator function, that means you have distributed authenticator and I am not sure if it follows the current motion which states that each STA will connect to the same SMD
        + A: I think the motion indicates support to both centralized and distributed architectures. In distributed architecture, as shown in slide 6, the identifier is the same SMD and is just deployed in a distributed manner
        + C: This association with SMD is conflicting with the existing spec. Today, the data frame is sent to a specific AP and sending the association sending to SMD, the definitions need to be changed as I am not convinced that this is the way and we want more discussion
        + A: I think the discussions should follow the motion and move forward
        + C: But this means that we may have to change all the defintions and what you say about data frames is something I disagree. If you want to go there, we should do the entire thing.
5. AoB: None
6. Adjourn: Meeting was adjourned at 12:00 PM EDT

**References:**