**Source: MBS SWG Acting Chairman[[1]](#footnote-1)**

**Title: Meeting Report 3GPP SA4 MBS SWG Telco (August 4, 2022)**

**Document for: Approval**

**Agenda Item: 5.1**

3GPP SA4 MBS SWG Telco (August 4, 2022)

# 1 Opening of the meeting and Approval of Agenda

Dr. Thomas Stockhammer (Qualcomm) in replacement of Frederic Gabin (SA4 and MBS SWG chair, Dolby) is assigned to chair and opens the session on August 4th, 2022 at 15:30 CEST.

Thomas Stockhammer is assigned as scribes.

Details of this meeting can be found here: https://portal.3gpp.org/Home.aspx#/meeting?MtgId=60360

The minutes are shared online: [3GPP SA4 MBS SWG Telco (August 4, 2022)](https://docs.google.com/document/d/151aIUEsAMt38493NFf6LSIxSGWQF0dkaBby57S8KuDQ/edit?usp=sharing)

The following information was shared before the meeting by Frederic Gabin

Here is the proposed Tdoc allocation for today’s MBS SWG telco:

Thomas kindly agreed to chair the meeting while I’m away.

Please be prepared to volunteer for minute taking.

Note that the second hour will be devoted to a discussion on 5MBS security with SA3 colleagues.

**1 Approval of agenda**

Approval of agenda

Agreement on Tdoc allocation

**4.3 5GMS AF Event Exposure (EVEX)**

**1358 (n/a)->1362->1366** ([EVEX] TS 26.532 PUT/PATCH Corrections)

**1360->1367** (Draft Reply LS on Data Reporting API)

**1359 (n/a)** ([EVEX] Corrections to event consumer authorisation procedure)

**5 TEI17 and any other Rel-17 matter**

**1351** ([5GMS\_EDGE\_3, EVEX] Rel-17 API corrections)

**1365** ([5MBUSA] Discussion on clarifications to MBS User Services architecture)

**1353->1355->1361** ([5MBUSA] Clarifications on domain model)

**1364** (Correction of the User Service Provisioning call flow wrt MB-SMF interactions)

**8 Any other Business**

**1363** (Initial draft of TR 26.941)

**Joint SA4/SA3 discussion on 5MBS security** 16:30- 17:30 CEST (in context of the SA3 Reply LS on Security architecture for 5G multicast/broadcast services ([S4-220786](https://urldefense.com/v3/__https:/www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220786.zip__;!!HOHtwYw!DWxvl7w9zVYP_CMYCLXpZtMm7JZe5xudkeucLpPVQZ8JvbdT4IISijMb4oHqHo-n9QhjlAMvQCbFM9q5MKKAgjkW$) (S3-221158))).

Feedback from 5G-MAG Target 2023

**9 Review of the future Work plan**

17-26 August: SA4#120-e

**10 Close of the session**

The following documents were registered:

Yellow means that the document will be treated during the meeting

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **Contact** | **Agenda item** | **TDoc Status** | **Related WIs** |
| [**S4aI221342**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221342.zip) | [5GMS\_EDGE\_3, EVEX] API corrections | BBC | Richard Bradbury | 5 | **Revised**  [**S4aI221351**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1343686) | 5GMS\_EDGE\_3, EVEX |
| [**S4aI221348**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221348.zip) | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221354**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1343784) | EVEX, EVEX |
| [**S4aI221349**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221349.zip) | Draft Reply LS on Data Reporting API | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221357**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1343905) | EVEX, EVEX |
| [**S4aI221351**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221351.zip) | [5GMS\_EDGE\_3, EVEX] Rel-17 API corrections | BBC | Richard Bradbury | 5 | **available** | 5GMS\_EDGE\_3, EVEX |
| [**S4aI221352**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221352.zip) | [5MBUSA] Discussion on clarifications to MBS User Services architecture | BBC | Richard Bradbury | 5 | **Revised**  [**S4aI221365**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1344495) | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) |
| [**S4aI221353**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221353.zip) | [5MBUSA] Specify controlled vocabulary for service class | BBC | Richard Bradbury | 5 | **Revised**  [**S4aI221355**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1343902) | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) |
| [**S4aI221354**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221354.zip) | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221356**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1343904) | EVEX, EVEX |
| [**S4aI221355**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221355.zip) | [5MBUSA] Clarifications on domain model | BBC | Richard Bradbury | 5 | **Revised**  [**S4aI221361**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1344198) | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) |
| [**S4aI221356**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221356.zip) | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221358**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1343926) | EVEX, EVEX |
| [**S4aI221357**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221357.zip) | Draft Reply LS on Data Reporting API | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221360**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1344047) | EVEX, EVEX |
| S4aI221358 | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221362**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1344226) | EVEX, EVEX |
| [**S4aI221359**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221359.zip) | [EVEX] Corrections to event consumer authorisation procedure | BBC | Richard Bradbury | 4.3 | **available** | [**EVEX**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920008) |
| [**S4aI221360**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221360.zip) | Draft Repy LS on Data Reporting API | Qualcomm Incorporated | Charles Lo | 4.3 | **Revised**  [**S4aI221367**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1344630) | EVEX, EVEX |
| [**S4aI221361**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221361.zip) | [5MBUSA] Clarifications on domain model | BBC | Richard Bradbury | 5 | **available** | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) |
| [**S4aI221362**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221362.zip) | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated, BBC, Huawei | Charles Lo | 4.3 | **Revised**  [**S4aI221366**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1344626) | EVEX, EVEX |
| [**S4aI221363**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221363.zip) | Initial draft of TR 26.941 | Samsung Electronics Co. Ltd | Prakash Kolan | 8 | **available** | [**FS\_eNS\_Ph3**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=960048) |
| [**S4aI221364**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221364.zip) | Correction of the User Service Provisioning call flow wrt MB-SMF interactions | Ericsson LM | Thorsten Lohmar | 5 | **available** | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) |
| [**S4aI221365**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221365.zip) | [5MBUSA] Discussion on clarifications to MBS User Services architecture | BBC | Richard Bradbury | 5 | **available** | [**5MBUSA**](https://portal.3gpp.org/desktopmodules/WorkItem/WorkItemDetails.aspx?workitemId=920010) |
| [**S4aI221366**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221366.zip) | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated, BBC, Huawei | Charles Lo | 4.3 | **available** | EVEX, EVEX |
| [**S4aI221367**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221367.zip) | Draft Reply LS on Data Reporting API | Qualcomm Incorporated | Charles Lo | 4.3 | **available** | EVEX, EVEX |

Agenda and Document registration is approved.

# 2 IPR and Anti-trust Reminder

Available in : [**S4-201473**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201473.zip)

# 3 Reports/Liaisons

## 3.1 MBS SWG telco 28th July 2022: brief meeting notes

1 Approval of agenda

Agenda **approved**

Proposed Tdoc allocation **agreed** (see email)

4.3 5GMS AF Event Exposure (EVEX)

**1348->1354->1356** ([EVEX] TS 26.532 PUT/PATCH Corrections)

Presented by Charles.

Several comments and online changes discussed.

**Noted** (revision expected)

**1349->1357** (Draft Reply LS on Data Reporting API)

Presented by Charles.

Several comments and online changes discussed.

**Noted** (revision expected)

5 TEI17 and any other Rel-17 matter

**1351** ([5GMS\_EDGE\_3, EVEX] Rel-17 API corrections)

Presented by Richard.

**Agreed** with no comments (to be resubmitted at SA4#120-e).

**1352** ([5MBUSA] Discussion on clarifications to MBS User Services architecture)

Presented by Richard.

Snapshot of the spreadsheet used to track MBS issues raised by CT3/CT4 and discussed during the rapporteur's calls

One issue relates to 5MBS security and requires direct communication with SA3 delegates.

Decision to have a tentative joint call with SA3 at our next MBS SWG telco and during SA4#120-e to progress 5MBS security.

**Noted**

**1353->1355** ([5MBUSA] Clarifications on domain model)

Presented by Richard.

**Postponed** until next call due to lack of time.

8 Any other Business

**1350** ([5GMS3] Rel-16 API corrections)

Presented by Richard.

**Agreed** with no comments (to be resubmitted at SA4#120-e)

9 Review of the future Work plan

2nd August 1600-1800 CEST: 3GPP SA4/CT3/CT4 2nd Joint Rapporteur's call on 5MBS (Host: BBC)

4th August 1530-1730 CEST: MBS SWG telco (SA3 to be invited for the second hour to discuss 5MBS security) / Frédéric away, need a stand-in chair

17-26 August: SA4#120-e

10 Close of the session

1355 was revised to 1361.

No other comments.

# 4 List of Work Items for submission of Contributions in the current meeting

## 4.3 5GMS AF Event Exposure (EVEX)

**1358 (n/a)->1362->1366** ([EVEX] TS 26.532 PUT/PATCH Corrections)

**1360->1367** (Draft Reply LS on Data Reporting API)

**1359 (n/a)** ([EVEX] Corrections to event consumer authorisation procedure)

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221359**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221359.zip) | [EVEX] Corrections to event consumer authorisation procedure | BBC | Richard Bradbury |

**Revisions**

* none

**Presenter**: Richard Bradbury (BBC)

**Discussion**:

* Richard summarizes the discussion

**Decision**:

* Agreed as the basis for a CR to the upcoming meeting. Offine comments still welcome
* Charles will coordinate the submission

**S4aI221359** is **agreed.**

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221366**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221366.zip) | [EVEX] TS 26.532 PUT/PATCH Corrections | Qualcomm Incorporated, BBC, Huawei | Charles Lo |

**Revisions**

* none

**Presenter**: Charles Lo (Qualcomm)

**Discussion**:

* Charles summarizes the discussion
* Agreement reached

**Decision**:

* Agreed as the basis for a CR to the upcoming meeting. Offine comments still welcome
* Charles will coordinate the submission

**S4aI221366** is **agreed.**

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221367**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221367.zip) | Draft Reply LS on Data Reporting API | Qualcomm Incorporated | Charles Lo |

**Revisions**

* none

**Presenter**: Charles Lo (Qualcomm)

**Discussion**:

* Charles summarizes the discussion
* Agreement reached

**Decision**:

* Agreed as the basis for a reply LS to the upcoming meeting. Offine comments still welcome
* Charles will coordinate the submission

**S4aI221367** is **agreed.**

## 4.8 Study on 5G Media Service Enablers (FS\_5G\_MSE)

No documents

# 5 TEI17 and any other Rel-17 matter

## 5.1 5GMS\_EDGE\_3, EVEX

**1351** ([5GMS\_EDGE\_3, EVEX] Rel-17 API corrections)

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221351**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221351.zip) | [5GMS\_EDGE\_3, EVEX] Rel-17 API corrections | BBC | Richard Bradbury |

**Decision**:

* Already agreed during Telco on July 28.

**S4aI221351** is **agreed.**

## 5.2 5MBUSA

**1353->1355->1361** ([5MBUSA] Clarifications on domain model)

**1364** (Correction of the User Service Provisioning call flow wrt MB-SMF interactions)

**1365** ([5MBUSA] Discussion on clarifications to MBS User Services architecture)

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221361**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221361.zip) | [5MBUSA] Clarifications on domain model | BBC | Richard Bradbury |

**Revisions**

* https://www.3gpp.org/ftp/TSG\_SA/WG4\_CODEC/3GPP\_SA4\_AHOC\_MTGs/SA4\_MBS/Inbox/Drafts/S4aI221361%20TS26.502%20dCR%20Clarifications%20on%20domain%20model\_aem.docx

**Presenter**: Richard Bradbury (BBC) presents the above revision

**Discussion**:

* Thorsten: Is there on MB-SMF a flag to support individual delivery?
  + Richard: not yet clear, good question
* Richard: Unclear what is used for Any UE
  + Thorsten points to 23.247, clause 6.4.1
  + Abdel: In 6.4.2 you find information
    - For the indicator of whether an MBS session is a location dependent MBS session, please check C4-222039
  + Richard: ok, this is useful and be added to the spec
  + Thorsten: still not good how this is called on 9.1.3.6,
  + Richard: can fix this
* Thorsten: Is the MBS service area always the full PLMN areas in case of multicast
  + Abdessamad: is permitted
  + Thorsten: How can I signal local MBS session
  + Richard: Made a list at the end, and it seems this local is missing
  + Abdessamad: this was directly defined in CT4, SA2 spec was not updated.
* Discussion on comment in 4.5.6.
  + Richard: comment unclear
  + Abdessamad: I am ok, a bit weird. We would have to update CT3 as well to not misalign.
  + Richard suggests to remove the second part of the sentence:
  + Abdessamad refers to Clause 9.1.3.7 of TS 23.247
  + Thorsten discusses what may be updated and what not.
  + Currently 26.502 allows updates for quite many parameters.
  + Thorsten suggests to not change most of the parameters.
* On the Area Session Identifier
  + Richard believes that it should be exposed to the UE. ASI is in SIB. For distribution session, it is needed to combine this with unicast

**Decision**:

* Thank you for the document. We will continue discussion on the list and improve the version towards the submission deadline.
* Discussion continues on 1361.
* Expect a new document for the SA4 meeting

**S4aI221361** is **noted.**

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221364**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221364.zip) | Correction of the User Service Provisioning call flow wrt MB-SMF interactions | Ericsson LM | Thorsten Lohmar |

**Revisions**

* <https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Inbox/Drafts/S4aI221364_5MBS_aem.docx>
* https://www.3gpp.org/ftp/TSG\_SA/WG4\_CODEC/3GPP\_SA4\_AHOC\_MTGs/SA4\_MBS/Inbox/Drafts/S4aI221364\_5MBS\_aem\_Ericsson.docx

**Presenter**: Thorsten Lohmar (Ericsson) presents second revision

**Discussion**:

* We want multiple concurrent distribution sessions in one MBS Session context
  + Richard: Yes,´but than a change we made earlier needs to be checked
  + Thorsten will revisit
* Application Provider ID - Thorsten suggests to use OAuth
  + Abdessamad: Cases without OAuth
* Richard: General comment that this is too disruptive for the call flow. Prefer to do this somewhere else in a separate clause.
  + Thorsten: suggests to simplify by forward cross-reference
* Thorsten runs through the comments provided from Huawei
* Thorsten: On QoS, we have no call flow yet. MBS User services use default QoS.
  + Thomas: better fix in Rel-18, seems not be a bug
  + Richard: better keep it simple for now
* Richard: Comment on first change. We allow both alternatives, hence shown optional.
  + Thorsten: I read this again. Maybe too many “mays”.

**Decision**:

* Thank you for the document. We will continue discussion on the list and improve the version towards the submission deadline.
* Discussion continues on 1364.
* Expect a new document for the SA4 meeting

**S4aI221364** is **noted.**

|  |  |  |  |
| --- | --- | --- | --- |
| [S4aI221365](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221365.zip) | [5MBUSA] Discussion on clarifications to MBS User Services architecture | BBC | Richard Bradbury |

**S4aI221365** is **noted without presentation.**

# 6 New Feasibility Study on Smartly Tethering AR Glasses (SmarTAR)

No documents

# 7 Any item of interest (WI/SI Code if applicable) concerning cross-cutting WGs requiring adhoc discussion

none

# 8 Any other business

## 8.1 Study on codec aspects of Network Slicing Phase 3 (FS\_eNS\_Ph3)

**1363** (Initial draft of TR 26.941)

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4aI221363**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/3GPP_SA4_AHOC_MTGs/SA4_MBS/Docs/S4aI221363.zip) | Initial draft of TR 26.941 | Samsung Electronics Co. Ltd | Prakash Kolan |

**Revisions**

* none

**Presenter**: Prakash Kolan

**Discussion**:

* none

**Decision**:

* Invite for offline comments prior to SA4#120.
* Document is noted

**S4aI221363** is **noted.**

## 8.2 Joint SA4/SA3 discussion on 5MBS security

**Joint SA4/SA3 discussion on 5MBS security** 16:30- 17:30 CEST (in context of the SA3 Reply LS on Security architecture for 5G multicast/broadcast services ([S4-220786](https://urldefense.com/v3/__https:/www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_119-e/Docs/S4-220786.zip__;!!HOHtwYw!DWxvl7w9zVYP_CMYCLXpZtMm7JZe5xudkeucLpPVQZ8JvbdT4IISijMb4oHqHo-n9QhjlAMvQCbFM9q5MKKAgjkW$) (S3-221158))).

Qi presents S4-220786

This is a postponed LS from the last meeting.

Richard summarizes the main concerns:

1) Do we need to have this discussion in SA4?

Discussion:

* Suresh: What is SA4 doing on security for MBS?
* Thorsten:
  + SA3 is re-using what was defined for MBMS
  + Why is key management done by the MBSTF?
  + There was also concern the MBSTF was consider user plane only, now it would interact with the UE, than there are scalability issues
  + MBS system is not providing security. We rely on external DRM
  + SA4 is thinking about security what needs to be done.
  + Need to add APIs for security.
* Richard: on the scoping question
  + We have object distribution and packet distribution, not specific RTP
  + What is SA3 scope of security? RTP and FLUTE? Correct?
* Longhua:
  + We focus on key management
  + We came to conclusion to have control plane and user plane solution
  + We believe that MBSTF based solution is good
* Thorsten:
  + We have MSK and MTK in W.4.1.2
  + We have streaming and packet distribution, but not streaming
  + Thomas: RTP is supported, but not that we have an RTP proxy
* Norman:
  + Still unclear what is the case here
* Thomas:
  + On the positive side, we basically just missing a security mechanism packet distribution method
* Thomas: We identified that there is a misunderstanding on the functionalities of BM-SC and MBSTF/MBSF. SA3 considers MBSTF equal to BM-SC, whereas SA4 has

Disposition:

* We agree to formulate the questions on the distribution methods. Planning for Rel-18. SA4 will discuss this in the upcoming and provide an LS to SA3.
* SA4 input/SA2 input

## 8.3 Feedback from 5G-MAG Target 2023

Feedback from 5G-MAG Target 2023

Richard summarizes:

* 4 calls to develop use cases: <https://www.5g-mag.com/target2023>
* UPCOMING CALL 02.09.2022 - REGISTER NOW!
* We should inform SA4, Thomas and Richard will provide input

# 9 Review of the future work plan

17-26 August: SA4#120-e

Submission deadline is August 11, 2022.

# 10 Close of the session

The meeting was closed at 17:36 CEST.

# 11 Attendees

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Summary | | | | |
| Attended participants | 44 | | | |
| Start time | 8/4/22, 3:27:54 PM | | | |
| End time | 8/4/22, 6:27:26 PM | | | |
| Meeting duration | 2h 59m 32s | | | |
| Average attendance time | 1h 23m 49s | | | |
| 2. Participants | | | | |
| Name | First join | Last leave | In-meeting duration | Email |
| Ivy Guo | 3:27:57 | 3:46:12 | 18m 15s |  |
| rajvel r | 3:29:54 | 3:55:52 | 25m 58s |  |
| Hongjin Choi (Samsung) (게스트) | 3:29:56 | 5:25:50 | 1h 55m 53s |  |
| Thorsten Lohmar | 3:29:57 | 5:37:01 | 2h 7m 3s | thorsten.lohmar@ericsson.com |
| Thomas Stockhammer | 3:30:06 | 5:37:01 | 2h 6m 54s | tsto@qti.qualcomm.com |
| Grewal, Rajpreet | 3:30:09 | 4:03:44 | 33m 35s | RGrewal@ntia.gov |
| XinWang MediaTek | 3:30:13 | 5:36:59 | 2h 6m 45s | XinWang.MediaTek@mediatek.com |
| Qi Pan - Huawei (来宾) | 3:30:19 | 5:37:01 | 2h 6m 42s |  |
| Imed Bouazizi | 3:30:25 | 5:39:40 | 2h 9m 14s | BOUAZIZI@qti.qualcomm.com |
| Martin Goldberg (GOV) | 3:30:30 | 4:27:05 | 56m 34s | msgoldb@cyber.nsa.gov |
| [Huawei] Abdessamad El Moatamid | 3:30:45 | 5:38:20 | 2h 7m 35s |  |
| Alf Zugenmaier [NTT DOCOMO] | 3:31:06 | 5:23:01 | 1h 51m 55s |  |
| Lee, Xiaoyang | 3:31:07 | 5:23:39 | 55m 20s | xiaoyang.lee@cisa.dhs.gov |
| Lulin Chen | 3:31:23 | 5:32:25 | 2h 1m 2s | Lulin.Chen@mediatek.com |
| Prakash Reddy Kolan | 3:31:40 | 5:37:04 | 2h 5m 23s | p.kolan@samsung.com |
| Tim Woodward (Motorola Solutions) | 3:31:49 | 4:29:29 | 57m 40s |  |
| LGE - Woosuk Kwon (게스트) | 3:32:11 | 5:37:11 | 2h 4m 59s |  |
| Peng Tan - TELUS | 3:32:34 | 5:37:47 | 2h 5m 12s |  |
| HU, JAMES | 3:32:37 | 5:37:02 | 2h 4m 24s | QH8316@att.com |
| Sameer Sareen (Guest) | 3:33:31 | 6:27:26 | 2h 53m 55s |  |
| Meeting guest | 3:34:08 | 5:29:00 | 1h 54m 51s |  |
| Richard Bradbury | 3:34:28 | 5:37:03 | 2h 2m 35s | richard.bradbury@bbc.co.uk |
| (Huawei) Longhua (来宾) | 3:35:12 | 5:40:07 | 2h 4m 54s |  |
| Zhao, Shuai | 3:35:35 | 5:28:13 | 1h 52m 38s | shuai.zhao@intel.com |
| Min Cho | 3:39:16 | 3:39:29 | 12s |  |
| China Unicom-Shuai Gao (来宾) | 3:39:48 | 5:37:05 | 1h 55m 22s |  |
| Varini Gupta/Samsung Electronics | 3:40:09 | 5:22:51 | 1h 42m 42s | varini.gupta@samsung.com |
| Andreas Kunz | 3:45:04 | 3:57:26 | 12m 21s | akunz@lenovo.com |
| Chris Steck | 3:46:06 | 5:38:31 | 1h 52m 24s | chris.steck@xperi.com |
| Iraj Sodagar | 3:48:11 | 4:33:41 | 45m 29s |  |
| Peng Tan | 3:53:36 | 5:00:40 | 1h 7m 4s | peng.tan@telus.com |
| Charles Lo | 3:55:17 | 5:37:12 | 1h 41m 55s | clo@qti.qualcomm.com |
| PAULIAC Mireille | 4:14:30 | 5:23:10 | 1h 8m 40s | mireille.pauliac@thalesgroup.com |
| Lee, Brian | 4:15:37 | 5:22:38 | 1h 7m | Brian.Lee@dolby.com |
| Bo Zhang (Huawei) (来宾) | 4:26:07 | 4:54:49 | 28m 42s |  |
| rajvel r | 4:27:14 | 5:22:17 | 55m 3s |  |
| Nair, Suresh P. (Nokia - US) | 4:28:55 | 5:19:59 | 51m 3s | suresh.p.nair@nokia.com |
| Nivedya P S | 4:31:27 | 5:25:31 | 54m 3s | nivedyap@iisc.ac.in |
| Adrian Escott | 4:33:35 | 5:22:55 | 49m 19s | aescott@qti.qualcomm.com |
| R Rohini ./Samsung Electronics | 4:34:30 | 5:25:05 | 50m 34s | r.rohini@samsung.com |
| Hongil Kim | 4:38:01 | 5:23:28 | 45m 26s | hongilk@qti.qualcomm.com |
| Noamen Ben Henda (Huawei) | 4:39:17 | 5:23:15 | 43m 58s |  |
| Ahmed Hamza | 4:40:19 | 5:28:02 | 47m 43s | Ahmed.Hamza@InterDigital.com |
| Robert Edwards (MATRIXX) | 4:41:56 | 5:41:26 | 59m 30s |  |

1. Dr. Thomas Stockhammer tsto@qti.qualcomm.com +49 172 5702667 [↑](#footnote-ref-1)