**Source: SA4 MBS SWG Chairman[[1]](#footnote-1)**

**Title: 3GPP SA4 MBS SWG report during SA4#113-e**

**Document for: Approval**

**Agenda item: 14.2**

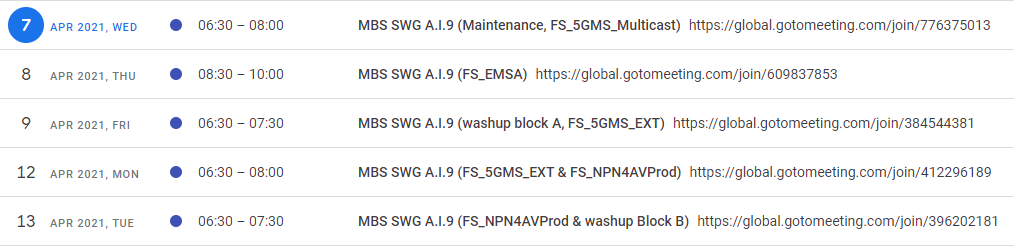
MBS SWG Minutes during SA4#113-e

## 9.1 Opening of the session

The MBS SWG e-mail discussions started on Monday, 6 April at 13:58:50 CEST.

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| --- | --- | --- |
| [MBS SWG initial Tdoc allocation](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19675) | Gabin, Frederic | Tue, 6 Apr 2021 11:58:50 +0000 |

MBS SWG Telcos are scheduled as follows in CEST times:



Mr. Frédéric Gabin (Dolby, Chairman of MBS SWG) opens the telco sessions on 7 April at 6:30 CEST.

This document was shared [online](https://docs.google.com/document/d/1ALWE_GV91XNvOlMwMd4Wf_xidPAS3NHNlatTaL43Om8/edit?usp=sharing).

Scribes:

* Charles Lo (Qualcomm).
* Julien Lemotheux (Orange)
* Richard Bradbury (BBC)
* Thomas Stockhammer (Qualcomm)

E-mail discussion from here:

* <https://list.etsi.org/scripts/wa.exe?A1=ind2104A&L=3GPP_TSG_SA_WG4_MBS>
* <https://list.etsi.org/scripts/wa.exe?A1=ind2104B&L=3GPP_TSG_SA_WG4_MBS>

## 9.2 Registration of documents

The following documents were allocated at the start of the MBS online session, February 2, 2021.

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| --- | --- | --- | --- |
| 6.2 | Other 3GPP groups | Plenary | 405 (SA3/data collection)->MBS SWG  414 (SA2/data collection)->MBS SWG  415 (SA2/5MBS) -> MBS SWG  407 (SA2/VIAPA) -> MBS SWG |

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| 9 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 9.1 | Opening of the session | A |  |
| 9.2 | Registration of documents | A |  |
| 9.3 | Reports/Liaisons from other groups/meetings | A | 441, 442 |
| 9.4 | Issues for immediate consideration | A |  |
| 9.5 | CRs to features in Release 16 and earlier | A | 440, 524, 525,  448 |
| 9.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | A | 475, 476, 493, 494, 495, 496, 521    449, 450, 451 |
| 9.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | A | 499, 503, 515, 517, 561, 574, 575, |
| 9.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | 477, 478, 479, 492, 501, 511, 518, 522, 523, 537    452, 454, 455, 456, 482 |
| 9.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | 500, 519, 527, 528, 529, 530 |
| 9.10 | New Work / New Work Items and Study Items | B | 497 |
| 9.11 | Others including TEI | B | 498 |
| 9.12 | Review of the future work plan (next meeting dates, hosts) | B |  |
| 9.13 | Any Other Business | B |  |
| 9.14 | Close of the session | B |  |

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| --- | --- | --- | --- |
| TDoc | Title | Source | Agenda item |
| [S4-210405](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210405.zip) | Reply LS method for collection of data from the UE | 3GPP SA3 | 6.2 |
| [S4-210407](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210407.zip) | LS on hold and forward buffer support for VIAPA services | 3GPP SA2 | 6.2 |
| [S4-210414](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210414.zip) | Reply LS on method for collection of data from the UE | 3GPP SA2 | 6.2 |
| [S4-210415](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210415.zip) | Reply LS on Service Layer aspects for 5G MBS | 3GPP SA2 | 6.2 |
| [S4-210441](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip) | Draft Reply LS to SA2 on UE Data Collection | Qualcomm Incorporated | 9.3 |
| [S4-210442](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip) | Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services | Qualcomm Incorporated | 9.3 |
| [S4-210443](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210443.zip) | On Hold and Forward Buffer Support for VIAPA Services | Qualcomm Incorporated, Ericsson LM, Sennheiser | 9.3 |
| [S4-210440](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip) | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | Qualcomm Incorporated | 9.5 |
| [S4-210448](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210448.zip) | Proposed Corrections to TS 26.512 | Qualcomm Incorporated | 9.5 |
| [S4-210524](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210524.zip) | Discussion on Application Id usage on Nnef\_AfSessionWithQoS and NnefChargableThirdParty APIs | Ericsson LM | 9.5 |
| [S4-210525](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip) | Correction on Dynamic Policy parameters | Ericsson LM | 9.5 |
| [S4-210444](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210444.zip) | test - CR | ETSI | 9.6 |
| [S4-210449](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210449.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | 9.6 |
| [S4-210450](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210450.zip) | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | 9.6 |
| [S4-210451](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210451.zip) | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | Qualcomm Incorporated | 9.6 |
| [S4-210475](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210475.zip) | Interworking of DVB-MABR with 5MBS | BBC | 9.6 |
| [S4-210476](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210476.zip) | Baseline 5MBS reference architecture | BBC | 9.6 |
| [S4-210493](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210493.zip) | Draft TR 26.802 | TELUS | 9.6 |
| [S4-210494](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip) | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS | 9.6 |
| [S4-210495](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip) | pCR to TR 26.802 - on 5GS broadcast-multicast user service | TELUS | 9.6 |
| [S4-210496](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210496.zip) | LS to SA2 on work split and broadcast-multicast user service | TELUS | 9.6 |
| [S4-210521](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210521.zip) | Updated Key Issue 2: Review of existing xMB interface wrt Nx2 | Ericsson LM | 9.6 |
| [S4-210499](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210499.zip) | Update on the SA6 generic procedures | HUAWEI Technologies Japan K.K. | 9.7 |
| [S4-210503](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210503.zip) | Possible Deployment Options for EMSA Architecture | HUAWEI Technologies Japan K.K. | 9.7 |
| [S4-210515](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210515.zip) | Discussion on the Edge Application Server Relocation based on the EMAS architecture | HUAWEI Technologies Japan K.K. | 9.7 |
| [S4-210517](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210517.zip) | FS\_EMSA: Provisioning of edge-enabled functions | Samsung Electronics Czech | 9.7 |
| [S4-210561](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip) | [FS\_EMSA] Updates to call flows and new gap analysis | Tencent | 9.7 |
| [S4-210574](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210574.zip) | Updates to TR 26.803 | QUALCOMM Europe Inc. - Italy | 9.7 |
| [S4-210575](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210575.zip) | Gaps and conclusions for TR 26.803 | QUALCOMM Europe Inc. - Italy | 9.7 |
| [S4-210578](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210578.zip) | Split Rendering Use Case Walkthrough | QUALCOMM Europe Inc. - Italy | 9.7 |
| [S4-210452](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210452.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | 9.8 |
| [S4-210454](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210454.zip) | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | 9.8 |
| [S4-210455](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210455.zip) | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | 9.8 |
| [S4-210456](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210456.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | 9.8 |
| [S4-210477](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip) | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | Tencent | 9.8 |
| [S4-210478](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210478.zip) | [FS\_5GMS-EXT]: Content preparation topic: potential open issues | Tencent | 9.8 |
| [S4-210479](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210479.zip) | [FS\_5GMS-EXT]: Uplink streaming topic: Call flows for collaboration scenarios | Tencent | 9.8 |
| [S4-210482](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210482.zip) | [FS\_5GMS\_EXT]: Proposed workplan update | Tencent | 9.8 |
| [S4-210492](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210492.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC) | Tencent America | 9.8 |
| [S4-210501](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210501.zip) | Update on the Traffic Identification for 5-tuple identified streaming | HUAWEI Technologies Japan K.K. | 9.8 |
| [S4-210511](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210511.zip) | Discussion on the content aware streaming | HUAWEI Technologies Japan K.K. | 9.8 |
| [S4-210518](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210518.zip) | TR 26.804 v0.1.1 | Ericsson GmbH, Eurolab | 9.8 |
| [S4-210522](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210522.zip) | [FS\_5GMS-EXT] Key Topic Traffic Identification using ToS IP Header Field | Ericsson LM | 9.8 |
| [S4-210523](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210523.zip) | [FS\_5GMS-EXT] Collaboration scenario proposal for KI “per-application-authorization” | Ericsson LM | 9.8 |
| [S4-210537](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210537.zip) | Key Topic Traffic Identification | Qualcomm Incorporated | 9.8 |
| [S4-210500](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210500.zip) | Use case for multiple video camera capturing for A/V Production | HUAWEI Technologies Japan K.K. | 9.9 |
| [S4-210519](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210519.zip) | Initial version of TR 26.805 | Ericsson GmbH, Eurolab | 9.9 |
| [S4-210527](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210527.zip) | Structure of the technical report | Ericsson LM, BBC, EBU, Sennheiser | 9.9 |
| [S4-210528](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210528.zip) | Overview of NMOS functionality | BBC, Ericsson LM, EBU, Sennheiser | 9.9 |
| [S4-210529](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210529.zip) | Description of existing media protocols in media production | EBU, Ericsson LM, BBC, Sennheiser | 9.9 |
| [S4-210530](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210530.zip) | Description of camera media flows in a Multi-Camera production | BBC, Ericsson LM, EBU, Sennheiser | 9.9 |
| [S4-210497](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210497.zip) | New WID on 5GMS AF Event Exposure | QUALCOMM Europe Inc. - Italy | 9.10 |
| [S4-210498](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210498.zip) | UE Data Ingest over M1 Interface | Qualcomm Incorporated | 9.11 |

## 9.3 Reports/Liaisons from other groups/meetings

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| [S4-210405](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210405.zip) | Reply LS method for collection of data from the UE | 3GPP SA3 | Jayeeta Saha |

**E-mail Discussion:**

None triggered.

**Presenter: Frédéric Gabin (Dolby)**

**Online Discussion:**

* Frédéric: If we don’t have to do anything, we don’t need to answer.

**Decision:**

* Noted.

[**S4-210405**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210405.zip) is noted.

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| [S4-210407](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210407.zip) | LS on hold and forward buffer support for VIAPA services | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

None triggered.

**Decision:**

* Replied.

[**S4-210407**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210407.zip) is replied to in [S4-210442](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip).

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| [S4-210443](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210443.zip) | On Hold and Forward Buffer Support for VIAPA Services | Qualcomm Incorporated, Ericsson LM, Sennheiser | Charles Lo |

**E-mail Discussion:**

See [S4-210442](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip).

**Decision:**

* Noted without presentation after discussion of draft LS reply ([S4-210619](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210619.zip)).

[**S4-210443**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210443.zip) is noted.

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| [S4-210442](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip) | Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| --- | --- | --- |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=785) | Gabin, Frederic | Tue, 6 Apr 2021 08:08:37 +0000 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28874) | panqi (E) | Tue, 6 Apr 2021 15:12:09 +0000 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28006) | Richard Bradbury | Tue, 6 Apr 2021 15:58:08 +0100 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=33121) | Charles Lo | Tue, 6 Apr 2021 17:59:43 +0000 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34803) | Thorsten Lohmar | Tue, 6 Apr 2021 18:14:14 +0000 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=58154) | Curcio, Igor (Nokia - FI/Tampere) | Tue, 6 Apr 2021 23:41:39 +0000 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=65166) | panqi (E) | Wed, 7 Apr 2021 03:26:28 +0000 |
| [[9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66742) | Gabin, Frederic | Wed, 7 Apr 2021 03:57:17 +0000 |
| [Re: [9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R112084) | Thorsten Lohmar | Wed, 7 Apr 2021 06:24:41 +0000 |
| [Re: [9.3; 442; Block A; 7 Apr 0500] Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R128528) | Richard Bradbury | Wed, 7 Apr 2021 16:34:40 +0100 |

**Presenter: Charles Lo (Qualcomm)**

**Online Discussion:**

* Frédéric: This could be controversial. We should stick on the question from SA2.
* Qi: Are there any cases where the application doesn’t have a network to de-jitter buffer for audio and video?
* James: I agree with the change here. De-jitter should be in the application.
* Thorsten: I have not seen any application without a de-jitter buffer. So, if we don’t have an example, we don’t have to take it into consideration.
* Darko: In the context of VIAPA, uplink media contributions are latency-sensitive. Any hold-and-forward of packets in the network would need to bring a significant benefit to justify it.
* Yujian: Suggests adding reference for SA1/SA2 colleagues. This buffer could have some benefits.
* Charles: SA1 should answer for themselves.
* Frédéric: Suggests adding the word “current” to describe how things are today. (Who knows what the future might hold?)
* Paul Szucs: Asks about the first bullet. “Media players” is too specific. [Removed from draft text.]
* Qi Pan: Referenced TS 23.700 is in multiple parts. We need to be more specific about which part we are referring to.
* Frédéric: Can we agree on the version on the screen without the 2nd bullet?

**Decision:**

* Will be revised to take into account online edits, and will be agreed without presentation.

[**S4-210442**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip) is revised to [S4-210619](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210619.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip)619 | Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

See [S4-210442](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip).

**Decision:**

* Agreed without presentation.

[**S4-210619**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210619.zip) is agreed.

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| [S4-210414](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210414.zip) | Reply LS on method for collection of data from the UE | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

See [S4-210441](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip).

[**S4-210414**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210414.zip) is replied to in [S4-210441](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip).

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| [S4-210441](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip) | Draft Reply LS to SA2 on UE Data Collection | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=73) | Gabin, Frederic | Tue, 6 Apr 2021 08:08:16 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=8986) | Gunnar Heikkilä | Tue, 6 Apr 2021 08:49:28 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=25933) | Gunnar Heikkilä | Tue, 6 Apr 2021 14:49:40 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=24411) | Richard Bradbury | Tue, 6 Apr 2021 15:33:00 +0100 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=35780) | Imed Bouazizi | Tue, 6 Apr 2021 18:18:12 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=40072) | Thorsten Lohmar | Tue, 6 Apr 2021 18:57:31 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=40973) | Charles Lo | Tue, 6 Apr 2021 19:42:49 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=52674) | Charles Lo | Tue, 6 Apr 2021 22:35:10 +0000 |
| [[9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66032) | Gabin, Frederic | Wed, 7 Apr 2021 03:45:07 +0000 |
| [Re: [9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R114207) | Julien Lemotheux | Wed, 7 Apr 2021 07:02:02 +0000 |
| [Re: [9.3; 441; Block A; 7 Apr 0500] Draft Reply LS to SA2 on UE Data Collection -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R123136) | Richard Bradbury | Wed, 7 Apr 2021 15:07:13 +0100 |
| [revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R69777) | Charles Lo | Fri, 9 Apr 2021 04:23:16 +0000 |
| [Re: revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R70014) | Charles Lo | Fri, 9 Apr 2021 04:51:07 +0000 |
| [Re: revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R90848) | Gunnar Heikkilä | Fri, 9 Apr 2021 13:53:47 +0000 |
| [Re: revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R92470) | Charles Lo | Fri, 9 Apr 2021 16:39:52 +0000 |
| [Re: revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R93454) | Charles Lo | Fri, 9 Apr 2021 18:27:38 +0000 |
| [Re: (2) revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R138174) | Charles Lo | Mon, 12 Apr 2021 05:57:38 +0000 |
| [Re: (2) revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R149437) | Gunnar Heikkilä | Mon, 12 Apr 2021 12:56:26 +0000 |
| [Re: (2) revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R136599) | Hyun-Koo Yang | Mon, 12 Apr 2021 14:23:23 +0900 |
| [revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R160218) | Charles Lo | Mon, 12 Apr 2021 16:14:52 +0000 |
| [Re: (2) revised draft rely LS to SA2 on UE data collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R146440) | Hyun-Koo Yang | Mon, 12 Apr 2021 19:33:05 +0900 |

**Presenter: Charles Lo (Qualcomm)**

**Online Discussion:**

* Gunnar: About access to GPSI, there are methods on Android or iOS, it is more difficult on browser based clients. In some cases, this is available in the SIM card. The other solution, the full number, is not available by default.
* Charles: OS API is one way. It could also be provisioned.
* Thorsten: It is a bit unreliable to use something from the OS. It would be better to talk of a subscription ID.
* Charles: It could be the client ID from the consumption reporting.
* Thorsten: Another point on the identification, the only reliable method is the trusted AF.
* Richard: Can we take our time to answer this LS?
* Frédéric: Is it release 16 or 17? If this is release 17, we don’t need to rush.
* Imed: Client ID has been there since release 6. The correction should be considered even without the request from SA2. Let’s start by fixing this and then check with GPSI.
* Thorsten: I also think we don’t need to rush. Maybe we need to have conditional solutions. This should be a release 17 fix.
* Richard: It is valuable to complete this CR during this meeting, and then answer to this LS. I don’t understand what we have in mind yet.
* Frédéric: We will require both a fix and a release 17 solution.
* r02 was presented.
* Qi: The WID is not agreed at SA4 level so we can’t list it here. About the last sentence, I think AF should be 5GMS AF.

**Decision:**

* Revised. The revision is sent to the closing plenary without MBS SWG approval.

[**S4-210441**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip) is revised to [S4-210644](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210644.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip)644 | Draft Reply LS to SA2 on UE Data Collection | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [FW: Late comment 644, Draft Reply LS to SA2 on UE Data Collection](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=242285) | Charles Lo | Tue, 13 Apr 2021 17:23:13 +0000 |

**Presenter: Charles Lo (Qualcomm)**

**Online Discussion:**

**Decision:**

* To be presented to SA4 plenary

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| [S4-210415](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210415.zip) | Reply LS on Service Layer aspects for 5G MBS | 3GPP SA2 | Jayeeta Saha |

**E-mail Discussion:**

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| [[9.3 [Liaisons]; 415; Block B; 13 Apr 1800 CEST] Reply LS on Service Layer aspects for 5G MBS (from SA2) -> to be noted](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=224272) | Gabin, Frederic | Tue, 13 Apr 2021 09:04:27 +0000 |
| [Re: [9.3 [Liaisons]; 415; Block B; 13 Apr 1800 CEST] Reply LS on Service Layer aspects for 5G MBS (from SA2) -> to be noted](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=243759) | Gabin, Frederic | Tue, 13 Apr 2021 17:54:00 +0000 |

**Decision:**

* Noted by emails.

[**S4-210415**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210415.zip) is noted.

## 9.4 Issues for immediate consideration

## 9.5 CRs to features in Release 16 and earlier

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| [S4-210440](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip) | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[9.5; 440; Block A; 7 Apr 0500] dCR to 26.512 - ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=1564) | Gabin, Frederic | Tue, 6 Apr 2021 08:08:45 +0000 |
| [[9.5; 440; Block A; 7 Apr 0500] dCR to 26.512 - ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=9765) | Gunnar Heikkilä | Tue, 6 Apr 2021 08:53:44 +0000 |
| [[9.5; 440; Block A; 7 Apr 0500] dCR to 26.512 - ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=17093) | Richard Bradbury | Tue, 6 Apr 2021 11:21:51 +0100 |
| [[9.5; 440; Block A; 7 Apr 0500] dCR to 26.512 - ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=17415) | Richard Bradbury | Tue, 6 Apr 2021 11:42:48 +0100 |
| [[9.5; 440; Block A; 7 Apr 0500] dCR to 26.512 - ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=22752) | Thorsten Lohmar | Tue, 6 Apr 2021 13:12:44 +0000 |
| [[9.5; 440; Block A; 7 Apr 0500] dCR to 26.512 - ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=67620) | Gabin, Frederic | Wed, 7 Apr 2021 03:59:12 +0000 |
| [S4-210440](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip) | Charles Lo | Mon, 12 Apr 2021 16:45:00 +0000 |
| [S4-210440](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip) | Richard Bradbury | Mon, 12 Apr 2021 18:00:14 +0100 |

**Presenter: Charles Lo (Qualcomm)**

**Online Discussion:**

* r03 was presented.
* Frédéric: What about putting the condition first in the sentence added in r03.
* Charles: OK.
* Frédéric: This remains a draft CR without presentation to the plenary. We will resubmit a formal CR at the next meeting.

**Decision:**

* Revised for cleaning and to change the order of the sentence as suggested by the chair.
* The revision is agreed without presentation.

[**S4-210440**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip) is revised to [S4-210643](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210643.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip)643 | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | Qualcomm Incorporated | Charles Lo |

**E-mail Discussion:**

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| [[S4-201643] Draft CR on ClientId](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=242925) | Charles Lo | Tue, 13 Apr 2021 17:53:00 +0000 |

**Decision:**

* Agreed without presentation.

[**S4-210643**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210643.zip) is agreed.

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| [S4-210448](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210448.zip) | Proposed Corrections to TS 26.512 | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210448**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210448.zip) is withdrawn.

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| [S4-210524](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210524.zip) | Discussion on Application Id usage on Nnef\_AfSessionWithQoS and NnefChargableThirdParty APIs | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=2561) | Gabin, Frederic | Tue, 6 Apr 2021 08:08:59 +0000 |
| [[9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=10784) | Richard Bradbury | Tue, 6 Apr 2021 10:41:36 +0100 |
| [[9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=55100) | Charles Lo | Tue, 6 Apr 2021 23:02:21 +0000 |
| [[9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=68401) | Gabin, Frederic | Wed, 7 Apr 2021 04:03:04 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R106214) | Thorsten Lohmar | Wed, 7 Apr 2021 04:41:32 +0000 |
| [Re: [9.5; 524, 525->615; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R121838) | Richard Bradbury | Wed, 7 Apr 2021 14:18:23 +0100 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R13765) | Thorsten Lohmar | Thu, 8 Apr 2021 07:15:19 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R50113) | Thorsten Lohmar | Thu, 8 Apr 2021 15:40:11 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R51442) | Thorsten Lohmar | Thu, 8 Apr 2021 15:49:30 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R49849) | Richard Bradbury | Thu, 8 Apr 2021 16:10:15 +0100 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R51117) | Richard Bradbury | Thu, 8 Apr 2021 16:49:46 +0100 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R52106) | Richard Bradbury | Thu, 8 Apr 2021 16:57:16 +0100 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R77333) | panqi (E) | Fri, 9 Apr 2021 06:29:53 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R78873) | Thorsten Lohmar | Fri, 9 Apr 2021 07:11:54 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R79691) | panqi (E) | Fri, 9 Apr 2021 07:40:36 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R82092) | Thorsten Lohmar | Fri, 9 Apr 2021 08:12:29 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R84874) | panqi (E) | Fri, 9 Apr 2021 10:16:30 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R85745) | Richard Bradbury | Fri, 9 Apr 2021 11:19:00 +0100 |
| [Re: [9.5; 524, 525->620; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R123805) | Gabin, Frederic | Mon, 12 Apr 2021 04:02:53 +0000 |
| [Re: [9.5; 524, 525->620; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R128344) | Thorsten Lohmar | Mon, 12 Apr 2021 04:35:43 +0000 |
| [Re: [9.5; 524, 525->620; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R129359) | Gabin, Frederic | Mon, 12 Apr 2021 04:36:45 +0000 |
| [Re: [9.5; 524, 525->620; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=178091) | Thorsten Lohmar | Mon, 12 Apr 2021 15:44:51 +0000 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=180455) | Richard Bradbury | Mon, 12 Apr 2021 17:22:00 +0100 |
| [Re: [9.5; 524, 525; Block A; 7 Apr 0500] DP and dCR to TS 26.512 on Correction on Dynamic Policy parameters -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=180455) | panqi (E) | Tue, 13 Apr 2021 01:18:53 +0000 |

**Decision:**

* Agreed via emails.
* LS will be drafted in 620

[**S4-210524**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210524.zip) is agreed.

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| [S4-210525](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip) | Correction on Dynamic Policy parameters | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210524](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210524.zip).

**Decision:**

* Revised via emails.

[**S4-210525**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip) is revised to [S4-210615](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210615.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip)615 | Correction on Dynamic Policy parameters | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210524](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210524.zip).

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* Thosten: The next step will be to convert it in a real CR.
* Frédéric: Can we argue the fix in release 16?
* Thorsten: The only thing SA4 can do is to fix it in release 17. This contribution is release 16 because it is removing the editor’s note and defining functionalities.
* Frédéric: We don’t need a CR in this meeting because there is no plenary before the next meeting.
* Richard: Small typos (triggeres, reffering, …)

**Decision:**

* Agreed. Will be submitted as a full CR at SA4#114-e.

[**S4-210615**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210615.zip) is agreed.

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip)620 | Draft LS (to SA2) on App ID Usage in NEF Related Service API in Rel 17 | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

None triggered.

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* Thorsten: Last sentence is a duplicated one. To be removed.
* Qi: Why do we need the NSSAI in this API?
* Thorsten: You are right, we have no explicit use case using it. But we have this in the template.
* Qi: I am OK to send the LS.
* Frédéric: Small typos (the…) to be corrected

**Decision:**

* Revised to take into account online corrections. The revision will be agreed without presentation.

[**S4-210620**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210620.zip) is revised to [S4-210630](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210630.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip)630 | Draft LS (to SA2) on App ID Usage in NEF Related Service API in Rel 17 | Ericsson LM | Thorsten Lohmar |

**Decision:**

* Agreed without presentation.
* Then revised to 661 for presentation at closing plenary.

[**S4-210630**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210630.zip) is agreed and then revised to [S4-210661](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210661.zip).

## 9.6 FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA)

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| [S4-210449](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210449.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210449**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210449.zip) is late and not treated.

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| [S4-210450](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210450.zip) | [FS\_5GMS\_Multicast] Hybrid Services | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210450**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210450.zip) is late and not treated.

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| [S4-210451](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210451.zip) | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | Qualcomm Incorporated | Thomas Stockhammer |

[**S4-210451**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210451.zip) is late and not treated.

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| [S4-210475](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210475.zip) | Interworking of DVB-MABR with 5MBS | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=4426) | Gabin, Frederic | Tue, 6 Apr 2021 08:09:19 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=26921) | Thomas Stockhammer | Tue, 6 Apr 2021 14:53:08 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=32358) | Thomas Stockhammer | Tue, 6 Apr 2021 17:42:54 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31806) | Richard Bradbury | Tue, 6 Apr 2021 18:19:37 +0100 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=38060) | Thorsten Lohmar | Tue, 6 Apr 2021 18:46:00 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=69958) | Gabin, Frederic | Wed, 7 Apr 2021 04:06:15 +0000 |
| [Re: [9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R116699) | Richard Bradbury | Wed, 7 Apr 2021 12:22:46 +0100 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R40038) | Thorsten Lohmar | Thu, 8 Apr 2021 11:10:38 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R47462) | Thorsten Lohmar | Thu, 8 Apr 2021 14:59:22 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R44407) | Richard Bradbury | Thu, 8 Apr 2021 15:34:24 +0100 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R72507) | Peng Tan | Fri, 9 Apr 2021 05:44:45 +0000 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R70407) | Richard Bradbury | Fri, 9 Apr 2021 06:38:04 +0100 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R83482) | Richard Bradbury | Fri, 9 Apr 2021 10:56:33 +0100 |
| [[9.6; 475; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R87019) | Cedric THIENOT | Fri, 9 Apr 2021 12:49:32 +0200 |
| [Re: [9.6; 475->621; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R108362) | Richard Bradbury | Sun, 11 Apr 2021 20:57:45 +0100 |
| [Re: [9.6; 475->621; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R115665) | Gabin, Frederic | Mon, 12 Apr 2021 03:20:20 +0000 |
| [Re: [9.6; 475->621; Block A; 7 Apr 0500] pCR to TR 26.802 - Interworking of DVB-MABR with 5MBS (Scenario #2) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=190313) | Peng Tan | Tue, 13 Apr 2021 00:09:07 +0000 |

**Presenter: Richard Bradbury (BBC)**

**Online Discussion:**

* Thomas: Ingesting an external stream (not 3GPP) in a 5MBS client is a hack. I recommend an offline discussion.
* Cédric: I agree with Thomas. Maybe external entities can act as 5MBS. About the Rendez-vous services, I would prefer to have use cases with this in external DN.
* Richard: By definition, the Rendezvous service needs to have knowledge on the client. I think it is impossible to have this in an external DN.
* Frédéric: Several issues to be tackled offline. Multicast study is a stage 2, so should be completed in June. We need to work on conclusions.
* Thomas: It is a complex matter. I don’t even have time to understand the SA2 architecture.

**Decision:**

* Revised to 621 which will be reviewed offline.

[**S4-210475**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210475.zip) is revised to [S4-210621](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210621.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210475.zip)621 | Interworking of DVB-MABR with 5MBS | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-210475](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210475.zip).

**Presenter: Richard Bradbury (BBC)**

**Online Discussion:**

* Draft version was presented.
* Peng: Scenario C and D, are they about scenario 2 (not prioritized for now)?
* Richard: Yes.
* Peng: I don’t think we should put efforts on scenario 2.
* Thorsten: I think these collaborations modes help.
* Richard: I think it is reasonable to prioritize Scenario 0 over 2. Maybe the text is enough for scenario 2.
* Frédéric: Would a note indicating the focus is collaboration B0 be enough?
* Thorsten: Why are we now excluding collaboration C? B0 and C are both using object delivery with MBSF, MBSTF and 5MBS AS.
* Frédéric: We agree this should be documented in the TR in the same clause and put the emphasis on B0.
* Peng: I need more offline discussions.
* Peng feels that the interworking descriptions should go in a different clause.
* Frédéric: Good progress but can’t be finalized during this meeting.

**Decision:**

* Noted.

[**S4-210621**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210621.zip) is noted.

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| [S4-210476](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210476.zip) | Baseline 5MBS reference architecture | BBC | Richard Bradbury |

**E-mail Discussion:**

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| [[9.6; 476; Block A; 7 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=3635) | Gabin, Frederic | Tue, 6 Apr 2021 08:09:08 +0000 |
| [[9.6; 476; Block A; 7 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=37401) | Thomas Stockhammer | Tue, 6 Apr 2021 18:45:55 +0000 |
| [[9.6; 476; Block A; 7 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=55952) | Charles Lo | Tue, 6 Apr 2021 23:08:01 +0000 |
| [[9.6; 476; Block A; 7 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=56597) | Charles Lo | Tue, 6 Apr 2021 23:12:30 +0000 |
| [[9.6; 476; Block A; 7 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=70689) | Gabin, Frederic | Wed, 7 Apr 2021 04:09:37 +0000 |
| [Re: [9.6; 476; Block A; 7 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R114830) | Richard Bradbury | Wed, 7 Apr 2021 08:36:58 +0100 |
| [[9.6; 616; Block A; 8 Apr 0500] pCR to TR 26.802 - Baseline SA2 5MBS reference architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R116534) | Gabin, Frederic | Wed, 7 Apr 2021 08:00:46 +0000 |

**Decision:**

* Revised via emails.

[**S4-210476**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210476.zip) is revised to [S4-210616](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210616.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210476.zip)616 | Baseline 5MBS reference architecture | BBC | Richard Bradbury |

**E-mail Discussion:**

See [S4-210476](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210476.zip).

**Presenter: Richard Bradburry (BBC)**

**Online Discussion:**

* None

**Decision:**

* Agreed. This will go to the editor (not to the closing plenary).

[**S4-210616**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210616.zip) is agreed.

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| [S4-210493](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210493.zip) | Draft TR 26.802 | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[9.6; 493; Block A; 7 Apr 0500] Draft TR 26.802 1.0.8 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=5195) | Gabin, Frederic | Tue, 6 Apr 2021 08:09:32 +0000 |
| [[9.6; 493; Block A; 7 Apr 0500] Draft TR 26.802 1.0.8 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21924) | Thomas Stockhammer | Tue, 6 Apr 2021 13:09:24 +0000 |
| [[9.6; 493; Block A; 7 Apr 0500] Draft TR 26.802 1.0.8 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29913) | Peng Tan | Tue, 6 Apr 2021 15:45:50 +0000 |
| [[9.6; 493; Block A; 7 Apr 0500] Draft TR 26.802 1.0.8 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=69211) | Gabin, Frederic | Wed, 7 Apr 2021 04:03:53 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210493**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210493.zip) is agreed.

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| [S4-210494](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip) | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=8275) | Gabin, Frederic | Tue, 6 Apr 2021 08:10:10 +0000 |
| [[9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21094) | Thomas Stockhammer | Tue, 6 Apr 2021 13:05:43 +0000 |
| [[9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=74486) | Gabin, Frederic | Wed, 7 Apr 2021 04:20:19 +0000 |
| [Re: [9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R108694) | Peng Tan | Wed, 7 Apr 2021 05:15:14 +0000 |
| [Re: [9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R113740) | Gabin, Frederic | Wed, 7 Apr 2021 06:47:27 +0000 |
| [Re: [9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=207601) | Gabin, Frederic | Tue, 13 Apr 2021 04:19:16 +0000 |
| [Re: [9.6; 494; Block A; 7 Apr 0500] [FS\_5GMS\_Multicast] Updated time and work plan](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=210352) | Peng Tan | Tue, 13 Apr 2021 04:31:43 +0000 |

**Decision:**

* Revised via emails.

[**S4-210494**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip) is revised to [S4-210618](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210618.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip)618 | [FS\_5GMS\_Multicast] Updated time and work plan | TELUS | PENG TAN |

**E-mail Discussion:**

See [S4-210494](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip).

**Presenter: Peng Tan (Telus)**

**Online Discussion:**

* Possible need for additional telcos after SA4#114-e with power to send the TR to the SA Plenary.

**Decision:**

* Agreed and goes to the plenary.

[**S4-210618**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210618.zip) is agreed.

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| [S4-210495](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip) | pCR to TR 26.802 - on 5GS broadcast-multicast user service | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=5889) | Gabin, Frederic | Tue, 6 Apr 2021 08:09:41 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11065) | Richard Bradbury | Tue, 6 Apr 2021 10:51:09 +0100 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20131) | Thomas Stockhammer | Tue, 6 Apr 2021 12:57:47 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=23494) | Thorsten Lohmar | Tue, 6 Apr 2021 13:21:39 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29646) | Richard Bradbury | Tue, 6 Apr 2021 16:20:49 +0100 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=24663) | Cedric THIENOT | Tue, 6 Apr 2021 16:45:29 +0200 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36508) | Thorsten Lohmar | Tue, 6 Apr 2021 18:24:34 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39210) | Thomas Stockhammer | Tue, 6 Apr 2021 18:47:38 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=60417) | Peng Tan | Wed, 7 Apr 2021 01:58:59 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62197) | Peng Tan | Wed, 7 Apr 2021 02:05:35 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=64304) | Peng Tan | Wed, 7 Apr 2021 02:58:03 +0000 |
| [[9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71557) | Gabin, Frederic | Wed, 7 Apr 2021 04:12:00 +0000 |
| [[9.6; 617; Block A; 8 Apr 0500] pCR to TR 26.802 - on 5GS Broadcast-Multicast User Service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R115342) | Gabin, Frederic | Wed, 7 Apr 2021 07:40:51 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R122440) | Peng Tan | Wed, 7 Apr 2021 13:28:18 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R121374) | Richard Bradbury | Wed, 7 Apr 2021 14:00:24 +0100 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R124556) | Richard Bradbury | Wed, 7 Apr 2021 15:27:02 +0100 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R129420) | Peng Tan | Wed, 7 Apr 2021 15:41:01 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R130281) | Peng Tan | Wed, 7 Apr 2021 15:52:01 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R12349) | Thorsten Lohmar | Thu, 8 Apr 2021 06:53:16 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R8483) | Richard Bradbury | Thu, 8 Apr 2021 07:14:29 +0100 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R19361) | Remi Houdaille | Thu, 8 Apr 2021 08:12:52 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R21456) | Christophe Burdinat | Thu, 8 Apr 2021 09:00:15 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R24875) | Thomas Stockhammer | Thu, 8 Apr 2021 09:09:13 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R36636) | Remi Houdaille | Thu, 8 Apr 2021 10:28:14 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R28853) | Richard Bradbury | Thu, 8 Apr 2021 11:08:01 +0100 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R37991) | Richard Bradbury | Thu, 8 Apr 2021 11:46:46 +0100 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R42787) | Thorsten Lohmar | Thu, 8 Apr 2021 11:51:34 +0000 |
| [Re: [9.6; 495; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R43585) | Remi Houdaille | Thu, 8 Apr 2021 13:33:06 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R115852) | Gabin, Frederic | Mon, 12 Apr 2021 03:22:29 +0000 |
| [Re: [9.6; 495->617; Block A; 7 Apr 0500] pCR to TR 26.802 - on 5GS broadcast-multicast user service-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R135613) | Peng Tan | Mon, 12 Apr 2021 05:11:02 +0000 |

**Decision:**

* Revised via emails

[**S4-210495**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip) is revised to [S4-210617](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210617.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip)617 | pCR to TR 26.802 - on 5GS broadcast-multicast user service | TELUS | PENG TAN |

**E-mail Discussion:**

See [S4-210495](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip)

**Presenter: Peng Tan (Telus)**

**Online Discussion:**

* Charles: This is “set of APIs to the application” and not to the end-user.
* Richard: Should be APIs exposed to the 5MBS-Aware Application.
* Richard: On the 2nd figure isn’t the last version provided. And in the 3rd figure, NEF box needs to be located under the solid xMB-C line on the northbound side.

**Decision:**

* Revised. The revision (588) will go to the plenary.

[**S4-210617**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210617.zip) is revised to [S4-210588](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210588.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip)588 | pCR to TR 26.802 - on 5GS broadcast-multicast user service | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[FS\_5GMS\_Multicast] sa4-210588 pCR to TR26.802 on 5GS Multicast-Broadcast User Service](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=221250) | Peng Tan | Tue, 13 Apr 2021 07:32:34 +0000 |

**Decision:**

[**S4-210588**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210588.zip) is to be presented to SA4 plenary.

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| [S4-210496](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210496.zip) | LS to SA2 on work split and broadcast-multicast user service | TELUS | PENG TAN |

**E-mail Discussion:**

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| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=7537) | Gabin, Frederic | Tue, 6 Apr 2021 08:10:04 +0000 |
| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=30802) | Richard Bradbury | Tue, 6 Apr 2021 16:56:03 +0100 |
| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=43432) | Thomas Stockhammer | Tue, 6 Apr 2021 20:16:55 +0000 |
| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=59568) | Peng Tan | Wed, 7 Apr 2021 01:57:24 +0000 |
| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=61186) | Thomas Stockhammer | Wed, 7 Apr 2021 02:01:38 +0000 |
| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62876) | Peng Tan | Wed, 7 Apr 2021 02:08:52 +0000 |
| [[9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=73752) | Gabin, Frederic | Wed, 7 Apr 2021 04:18:26 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R107263) | Peng Tan | Wed, 7 Apr 2021 05:01:45 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R109631) | Thorsten Lohmar | Wed, 7 Apr 2021 05:34:46 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R116062) | Gabin, Frederic | Wed, 7 Apr 2021 07:43:10 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R125133) | Richard Bradbury | Wed, 7 Apr 2021 15:33:10 +0100 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R11793) | Peng Tan | Thu, 8 Apr 2021 06:13:29 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R20700) | panqi (E) | Thu, 8 Apr 2021 08:34:20 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R38354) | Gabin, Frederic | Thu, 8 Apr 2021 11:00:29 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R39177) | panqi (E) | Thu, 8 Apr 2021 11:09:26 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R41820) | Thorsten Lohmar | Thu, 8 Apr 2021 11:42:14 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R46132) | Peng Tan | Thu, 8 Apr 2021 14:39:14 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R67939) | Peng Tan | Fri, 9 Apr 2021 03:05:35 +0000 |
| [Re: [9.6; 496; Block A; 7 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=217058) | Peng Tan | Tue, 13 Apr 2021 05:54:53 +0000 |
| [Re: [9.6; 496; Block A; 8 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=240061) | Richard Bradbury | Tue, 13 Apr 2021 17:59:22 +0100 |
| [Re: [9.6; 496; Block A; 8 Apr 0500] LS to SA2 on work split and broadcast-multicast user service for 5GS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=240342) | Thorsten Lohmar | Tue, 13 Apr 2021 17:10:33 +0000 |

**Presenter: Peng Tan (Telus)**

**Online Discussion:**

* v4 was presented. Peng will be added as the contact person.
* Richard: Typo in action point 3. Style needs also to be modified.

**Decision:**

* Revised. The revision will go to the plenary.

[**S4-210496**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210496.zip) is revised into [S4-210632](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210632.zip).

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| [S4-210521](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210521.zip) | Updated Key Issue 2: Review of existing xMB interface wrt Nx2 | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=6604) | Gabin, Frederic | Tue, 6 Apr 2021 08:09:56 +0000 |
| [[9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11332) | Richard Bradbury | Tue, 6 Apr 2021 10:55:44 +0100 |
| [[9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=42519) | Thomas Stockhammer | Tue, 6 Apr 2021 20:05:42 +0000 |
| [[9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=57396) | Charles Lo | Tue, 6 Apr 2021 23:18:51 +0000 |
| [[9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=72287) | Gabin, Frederic | Wed, 7 Apr 2021 04:13:35 +0000 |
| [[9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=73044) | Gabin, Frederic | Wed, 7 Apr 2021 04:14:01 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R106764) | Thorsten Lohmar | Wed, 7 Apr 2021 04:57:44 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R107696) | Thorsten Lohmar | Wed, 7 Apr 2021 05:03:44 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R108232) | Thorsten Lohmar | Wed, 7 Apr 2021 05:06:52 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R106764) | Thomas Stockhammer | Wed, 7 Apr 2021 05:15:30 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R115453) | Gabin, Frederic | Wed, 7 Apr 2021 07:42:18 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R122061) | Richard Bradbury | Wed, 7 Apr 2021 14:29:25 +0100 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R35537) | Thorsten Lohmar | Thu, 8 Apr 2021 10:16:41 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R36101) | Thorsten Lohmar | Thu, 8 Apr 2021 10:18:06 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R49287) | Thorsten Lohmar | Thu, 8 Apr 2021 15:06:29 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R47127) | Richard Bradbury | Thu, 8 Apr 2021 15:58:57 +0100 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R53794) | Richard Bradbury | Thu, 8 Apr 2021 18:28:25 +0100 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R55477) | Thomas Stockhammer | Thu, 8 Apr 2021 18:41:49 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R63902) | Döhla, Stefan | Thu, 8 Apr 2021 20:32:17 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=171350) | Thorsten Lohmar | Mon, 12 Apr 2021 14:10:54 +0000 |
| [Re: [9.6; 521; Block A; 7 Apr 0500] pCR to TR 26.802 - Updated Key Issue 2: Review of existing xMB interface -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=178972) | Richard Bradbury | Mon, 12 Apr 2021 17:00:32 +0100 |

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* Richard: Maybe the title should be **Nx2** design consideration.
* Thorsten: I will provide the new title by email.

**Decision:**

* Revised. The revision will be agreed without presentation.

[**S4-210521**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210521.zip) is revised to [S4-210638](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210638.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210521.zip)638 | On Nx2 Design and extension of KI#2 with Group Communication Delivery configuration interface | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210521](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210521.zip).

**Decision:**

* Agreed without presentation.

[**S4-210638**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210638.zip) is agreed.

## 9.7 FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing)

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| [S4-210499](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210499.zip) | Update on the SA6 generic procedures | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11614) | Gabin, Frederic | Tue, 6 Apr 2021 10:07:33 +0000 |
| [[9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=17737) | Richard Bradbury | Tue, 6 Apr 2021 11:57:03 +0100 |
| [[9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=41862) | Imed Bouazizi | Tue, 6 Apr 2021 20:04:07 +0000 |
| [[9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=48482) | Iraj Sodagar | Tue, 6 Apr 2021 21:57:13 +0000 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R110724) | panqi (E) | Wed, 7 Apr 2021 06:21:56 +0000 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R125724) | Richard Bradbury | Wed, 7 Apr 2021 16:10:56 +0100 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R126585) | Richard Bradbury | Wed, 7 Apr 2021 16:17:47 +0100 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R127548) | Richard Bradbury | Wed, 7 Apr 2021 16:23:47 +0100 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R131170) | panqi (E) | Wed, 7 Apr 2021 17:18:38 +0000 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R135061) | Gabin, Frederic | Wed, 7 Apr 2021 18:30:41 +0000 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R132733) | Richard Bradbury | Wed, 7 Apr 2021 18:39:07 +0100 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R137924) | Iraj Sodagar | Wed, 7 Apr 2021 18:58:13 +0000 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R142941) | Richard Bradbury | Wed, 7 Apr 2021 21:10:50 +0100 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R144098) | Richard Bradbury | Wed, 7 Apr 2021 21:12:03 +0100 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R145802) | Iraj Sodagar | Wed, 7 Apr 2021 21:15:12 +0000 |
| [Re: [9.7 (FS\_EMSA); 499; Block A; 8 Apr 0500] pCR TR 26.803 Update on the SA6 generic procedures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R26945) | panqi (E) | Thu, 8 Apr 2021 09:21:28 +0000 |

**Presenter: Qi Pan (Huawei)**

**Online Discussion:**

* The BBC revision of r2 was presented.
* Iraj: There is a new version of TS 23.558.
* Fred: We should not reference specific versions of 3GPP specifications.

**Decision:**

* Revised. The revision (622) will be agreed without presentation.

[**S4-210499**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210499.zip) is revised to [S4-210622](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210622.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210499.zip)622 | Update on the SA6 generic procedures | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

See [S4-210499](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210499.zip).

**Decision:**

* Agreed without presentation.

[**S4-210622**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210622.zip) is agreed.

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| [S4-210503](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210503.zip) | Possible Deployment Options for EMSA Architecture | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=12411) | Gabin, Frederic | Tue, 6 Apr 2021 10:07:43 +0000 |
| [[9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18007) | Richard Bradbury | Tue, 6 Apr 2021 12:02:26 +0100 |
| [[9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=44971) | Imed Bouazizi | Tue, 6 Apr 2021 20:19:06 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R119730) | panqi (E) | Wed, 7 Apr 2021 11:30:30 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R136464) | Gabin, Frederic | Wed, 7 Apr 2021 18:32:10 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R1408) | Imed Bouazizi | Thu, 8 Apr 2021 03:22:13 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R2028) | panqi (E) | Thu, 8 Apr 2021 03:39:21 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R6807) | Gabin, Frederic | Thu, 8 Apr 2021 05:55:11 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R37227) | panqi (E) | Thu, 8 Apr 2021 10:29:59 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R82976) | Richard Bradbury | Fri, 9 Apr 2021 10:04:59 +0100 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R83786) | panqi (E) | Fri, 9 Apr 2021 10:06:06 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R89630) | Richard Bradbury | Fri, 9 Apr 2021 14:49:14 +0100 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R110896) | panqi (E) | Mon, 12 Apr 2021 01:43:27 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R127491) | panqi (E) | Mon, 12 Apr 2021 04:35:17 +0000 |
| [Re: [9.7 (FS\_EMSA); 503; Block A; 8 Apr 0500] pCR TR 26.803 Possible Deployment Options for EMSA Architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=168449) | Richard Bradbury | Mon, 12 Apr 2021 13:17:36 +0100 |

**Presenter: Qi Pan (Huawei)**

**Online Discussion:**

* r2 was presented.
* Richard: EES with media functions seems a bit strange implementation
* Qi: reference architecture is just for functional mapping; on deployment architecture there can be edge app servers running in
* Richard: use of term in SA6 is very misleading - it’s a instance or container of virtualization technology
* Fred: you mean Edge DN is part of virtualized infrastructure?
* Imed: my mental view is of an app implementing multiple stacks; SA4 has media centric view
* Iraj: notion of which service runs in another depend on which service is known by server
* Richard: there is only one service - the 5GMS service. It’s a complex service : daemon running multiple services; it also has EAS characteristics
* Fred: 3GPP network as shown is restricted to NEF and PCF; wish to park this document for more offline discussion

**Decision:**

* Revised.

[**S4-210503**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210503.zip) is revised to [S4-210633](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210633.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210503.zip)633 | Possible Deployment Options for EMSA Architecture | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

See [S4-210503](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210503.zip).

**Decision:**

* Agreed. Editor will change SA6 MEC to SA6 Edge Computing.

[**S4-210633**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210633.zip) is agreed.

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| [S4-210515](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210515.zip) | Discussion on the Edge Application Server Relocation based on the EMAS architecture | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13167) | Gabin, Frederic | Tue, 6 Apr 2021 10:07:50 +0000 |
| [[9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18290) | Richard Bradbury | Tue, 6 Apr 2021 12:11:38 +0100 |
| [[9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=44199) | Iraj Sodagar | Tue, 6 Apr 2021 20:17:55 +0000 |
| [[9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=46576) | Imed Bouazizi | Tue, 6 Apr 2021 21:00:37 +0000 |
| [[9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=47503) | Iraj Sodagar | Tue, 6 Apr 2021 21:41:54 +0000 |
| [Re: [9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R120218) | panqi (E) | Wed, 7 Apr 2021 12:08:41 +0000 |
| [Re: [9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R139455) | Gabin, Frederic | Wed, 7 Apr 2021 19:10:04 +0000 |
| [Re: [9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R370) | panqi (E) | Thu, 8 Apr 2021 01:42:00 +0000 |
| [Re: [9.7 (FS\_EMSA); 515; Block A; 8 Apr 0500] pCR TR 26.803 Discussion on the Edge Application Server Relocation based on the EMAS architecture -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R33839) | panqi (E) | Thu, 8 Apr 2021 10:08:31 +0000 |

**Presenter: Qi Pan (Huawei)**

**Online Discussion:**

* r2 was presented.
* Richard: I need more time to review.
* Imed: Separate each call flow out.
* Richard: Subclause for each call flow with a separate sequence diagram.

**Decision:**

* 515 revised to 623. 623 is noted but content is agreed as a basis for further work.
* Revisions expected at the ad hoc calls prior to SA4#114-e.

[**S4-210515**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210515.zip) is revised to [S4-210623](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210623.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210515.zip)623 | Discussion on the Edge Application Server Relocation based on the EMAS architecture | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

See [S4-210515](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210515.zip).

**Decision:**

* Noted but content is agreed as a basis for further work.
* Revisions expected at the ad hoc calls prior to SA4#114-e.

[**S4-210623**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210623.zip) is noted.

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| [S4-210517](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210517.zip) | FS\_EMSA: Provisioning of edge-enabled functions | Samsung Electronics Czech | Sungryeul Rhyu |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13963) | Gabin, Frederic | Tue, 6 Apr 2021 10:07:58 +0000 |
| [[9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18606) | Richard Bradbury | Tue, 6 Apr 2021 12:15:55 +0100 |
| [[9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=49115) | Imed Bouazizi | Tue, 6 Apr 2021 22:06:30 +0000 |
| [[9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=54231) | Charles Lo | Tue, 6 Apr 2021 22:50:16 +0000 |
| [[9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=58911) | Iraj Sodagar | Wed, 7 Apr 2021 01:15:53 +0000 |
| [[9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=63542) | Sungryeul Rhyu | Wed, 7 Apr 2021 11:42:30 +0900 |
| [Re: [9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&D=0&P=98213) | Imed Bouazizi | Wed, 7 Apr 2021 14:24:41 +0000 |
| [Re: [9.7 (FS\_EMSA); 517; Block A; 8 Apr 0500] pCR TR 26.803 Provisioning of edge-enabled functions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R140439) | Gabin, Frederic | Wed, 7 Apr 2021 19:17:55 +0000 |

**Presenter: Sungryeul Rhyu (Samsung)**

**Online Discussion:**

* Fred: Is this within the scope of the study item?
* Imed: SA5 is still working.
* Imed: I don’t think SA5 is considering this. We will have to see what they give us and we can decide if it’s sufficient. We already have a step where the AF evaluates whether additional instances are required. How much support we get from the ECSP is unclear still.

**Decision:**

* We await what SA5 provides us with.

[**S4-210517**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210517.zip) is noted.

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| [S4-210561](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip) | [FS\_EMSA] Updates to call flows and new gap analysis | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14701) | Gabin, Frederic | Tue, 6 Apr 2021 10:08:04 +0000 |
| [[9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18878) | Richard Bradbury | Tue, 6 Apr 2021 12:22:53 +0100 |
| [[9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=33910) | Iraj Sodagar | Tue, 6 Apr 2021 18:04:19 +0000 |
| [[9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=49871) | Imed Bouazizi | Tue, 6 Apr 2021 22:25:04 +0000 |
| [[9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=53478) | Iraj Sodagar | Tue, 6 Apr 2021 22:38:43 +0000 |
| [Re: [9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R125389) | Richard Bradbury | Wed, 7 Apr 2021 16:01:38 +0100 |
| [Re: [9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R134257) | Iraj Sodagar | Wed, 7 Apr 2021 18:07:55 +0000 |
| [Re: [9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R137006) | Iraj Sodagar | Wed, 7 Apr 2021 18:36:38 +0000 |
| [Re: [9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R133867) | Richard Bradbury | Wed, 7 Apr 2021 18:58:35 +0100 |
| [Re: [9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R2696) | Imed Bouazizi | Thu, 8 Apr 2021 03:50:01 +0000 |
| [Re: [9.7 (FS\_EMSA); 561; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R54181) | Iraj Sodagar | Thu, 8 Apr 2021 18:18:41 +0000 |
| [Re: [9.7 (FS\_EMSA); 561->624; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62969) | Iraj Sodagar | Thu, 8 Apr 2021 20:17:25 +0000 |
| [Re: [9.7 (FS\_EMSA); 561->624; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R61531) | Richard Bradbury | Thu, 8 Apr 2021 20:56:00 +0100 |
| [Re: [9.7 (FS\_EMSA); 561->624->631; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R75783) | Iraj Sodagar | Fri, 9 Apr 2021 06:15:25 +0000 |
| [Re: [9.7 (FS\_EMSA); 561->624->631; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R74885) | Richard Bradbury | Fri, 9 Apr 2021 07:08:36 +0100 |
| [Re: [9.7 (FS\_EMSA); 561->624->631; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R90231) | Richard Bradbury | Fri, 9 Apr 2021 14:54:01 +0100 |
| [Re: [9.7 (FS\_EMSA); 561->624->631; Block A; 8 Apr 0500] pCR TR 26.803 Updates to call flows and new gap analysis -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R125455) | Gabin, Frederic | Mon, 12 Apr 2021 04:07:31 +0000 |

**Presenter: Iraj Sodagar (Tencent)**

**Online Discussion:**

* r1 was presented.
* **Call flow changes for EAS discovery**
  + Richard: We can’t avoid updating the diagram. Step 18 should say a list of candidates. And another step is missing between 18 and 19 for selection.
  + Iraj: EEC could make that choice.
  + Imed: You could have an extra white box for this selection done by EEC or EAS. This could replace step 19.
  + Qi: No consensus reached at SA6 on which entity does the selection.
  + Frédéric: We agree on this update. We need to edit the prose for step 19, at least.
* **Identified gaps**
  + Imed: Suggest extracting the gaps clause and merging with Imed’s contribution on clause 6.4 [[S4-210575](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210575.zip)].
  + Iraj: Let’s work offline.
  + Richard: Some gaps are common to all call flows.
  + Imed: We could cross reference the call flow and step for each gap.

**Decision:**

* Iraj to provide a revision that can be opened in the wash-up.

[**S4-210561**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip) is revised to [S4-210624](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210624.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip)624 | [FS\_EMSA] Updates to call flows and new gap analysis | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210561](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip).

**Presenter: Richard Bradburry (BBC)**

**Online Discussion:**

**Decision:**

* Revised. The revision will be agreed without presentation.

[**S4-210624**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210624.zip) is revised to [S4-210631](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210631.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip)631 | [FS\_EMSA] Updates to call flows and new gap analysis | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210561](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip).

**Decision:**

* Agreed without presentation.

[**S4-210631**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210631.zip) is agreed.

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| [S4-210574](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210574.zip) | Updates to TR 26.803 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 574; Block A; 8 Apr 0500] pCR TR 26.803 on various updates -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=15435) | Gabin, Frederic | Tue, 6 Apr 2021 10:08:10 +0000 |
| [[9.7 (FS\_EMSA); 574; Block A; 8 Apr 0500] pCR TR 26.803 on various updates -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19154) | Richard Bradbury | Tue, 6 Apr 2021 12:26:59 +0100 |
| [[9.7 (FS\_EMSA); 574; Block A; 8 Apr 0500] pCR TR 26.803 on various updates -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=51509) | Imed Bouazizi | Tue, 6 Apr 2021 22:30:11 +0000 |
| [Re: [9.7 (FS\_EMSA); 574; Block A; 8 Apr 0500] pCR TR 26.803 on various updates -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R141681) | Gabin, Frederic | Wed, 7 Apr 2021 19:52:57 +0000 |

**Presenter: Imed Bouazizi (Qualcomm)**

**Online Discussion:**

* Version modified by BBC was presented.

**Decision:**

* Revised to 625 to include BBC modifications and 625 will be agreed without presentation.

[**S4-210574**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210574.zip) is revised to [S4-210625](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210625.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210574.zip)625 | Updates to TR 26.803 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

See [S4-210574](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210574.zip).

**Decision:**

* Agreed without presentation.

[**S4-210625**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210625.zip) is agreed.

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| [S4-210575](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210575.zip) | Gaps and conclusions for TR 26.803 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=16137) | Gabin, Frederic | Tue, 6 Apr 2021 10:08:16 +0000 |
| [[9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19404) | Richard Bradbury | Tue, 6 Apr 2021 12:30:43 +0100 |
| [[9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=45845) | Iraj Sodagar | Tue, 6 Apr 2021 20:33:55 +0000 |
| [[9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=50690) | Imed Bouazizi | Tue, 6 Apr 2021 22:29:33 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R141905) | Gabin, Frederic | Wed, 7 Apr 2021 19:57:33 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R142518) | Iraj Sodagar | Wed, 7 Apr 2021 20:03:15 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R3494) | Imed Bouazizi | Thu, 8 Apr 2021 03:54:56 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R3912) | Imed Bouazizi | Thu, 8 Apr 2021 03:55:26 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R4910) | panqi (E) | Thu, 8 Apr 2021 04:08:11 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R5432) | Imed Bouazizi | Thu, 8 Apr 2021 04:15:20 +0000 |
| [Re: [9.7 (FS\_EMSA); 575; Block A; 8 Apr 0500] pCR TR 26.803 on Gaps and Conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R7892) | Gabin, Frederic | Thu, 8 Apr 2021 05:57:53 +0000 |

**Presenter: Imed Bouazizi (Qualcomm)**

**Online Discussion:**

* Version modified by BBC was presented.
* Imed: Maybe we could merge with Iraj’s contribution (561).
* Paul: 3: Typo AF and AS.
* Fred: 4: SA5 may already provide procedures for context transfer.
* Imed: I’ll update point 4.
* Thomas: Suggests being as clear as possible to formulate concrete objectives for normative work. Write the work item objectives in the conclusions clause. Then the WID can point to these as justification.
* Fred: It would be great if you can share the results of offline discussion via the drafts folder.

**Decision:**

* Revised.

[**S4-210575**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210575.zip) is revised to [S4-210626](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210626.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210575.zip)626 | Gaps and conclusions for TR 26.803 | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[FS\_EMSA] Document 626](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R65156) | Imed Bouazizi | Thu, 8 Apr 2021 21:04:43 +0000 |
| [Re: [FS\_EMSA] Document 626](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R65256) | Iraj Sodagar | Thu, 8 Apr 2021 21:33:46 +0000 |
| Re: [[FS\_EMSA] Document 626](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R69935) | Richard Bradbury | Fri, 9 Apr 2021 05:33:15 +0100 |
| [Re: [FS\_EMSA] Document 626](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R81038) | Iraj Sodagar | Fri, 9 Apr 2021 07:51:34 +0000 |
| [Re: [FS\_EMSA] Document 626](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=206851) | Imed Bouazizi | Tue, 13 Apr 2021 04:11:39 +0000 |
| [[9.7 [FS\_EMSA]; 626; Block B; 13 Apr 1800 CEST] Gaps and conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=225856) | Gabin, Frederic | Tue, 13 Apr 2021 09:07:34 +0000 |
| [Re: [9.7 [FS\_EMSA]; 626; Block B; 13 Apr 1800 CEST] Gaps and conclusions for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=244531) | Gabin, Frederic | Tue, 13 Apr 2021 17:55:34 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210626**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210626.zip) is agreed.

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| [S4-210578](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210578.zip) | Split Rendering Use Case Walkthrough | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7 (FS\_EMSA); 578; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31079) | Gabin, Frederic | Tue, 6 Apr 2021 16:25:04 +0000 |
| [[9.7 (FS\_EMSA); 578; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&O=D&P=32084) | Richard Bradbury | Tue, 6 Apr 2021 18:28:53 +0100 |
| [Re: [9.7 (FS\_EMSA); 578; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R142279) | Gabin, Frederic | Wed, 7 Apr 2021 20:03:55 +0000 |
| [Re: [9.7 (FS\_EMSA); 578; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104A&L=3GPP_TSG_SA_WG4_MBS&P=R142279) | Iraj Sodagar | Thu, 8 Apr 2021 00:58:15 +0000 |
| [Re: [9.7 (FS\_EMSA); 578; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R4371) | Imed Bouazizi | Thu, 8 Apr 2021 04:07:19 +0000 |
| [Re: [9.7 (FS\_EMSA); 578; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R5995) | Iraj Sodagar | Thu, 8 Apr 2021 05:05:40 +0000 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R19069) | Richard Bradbury | Thu, 8 Apr 2021 09:04:06 +0100 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R67365) | Imed Bouazizi | Fri, 9 Apr 2021 01:19:22 +0000 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R80416) | Iraj Sodagar | Fri, 9 Apr 2021 07:41:51 +0000 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R78538) | Richard Bradbury | Fri, 9 Apr 2021 08:02:44 +0100 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R89096) | Richard Bradbury | Fri, 9 Apr 2021 14:33:30 +0100 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R81231) | Sungryeul Rhyu | Fri, 9 Apr 2021 17:00:54 +0900 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R124774) | Gabin, Frederic | Mon, 12 Apr 2021 04:06:42 +0000 |
| [Re: [9.7 (FS\_EMSA); 578->627; Block A; 8 Apr 0500] pCR TR 26.803 on Split Rendering Use Case Walkthrough -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=187101) | Imed Bouazizi | Mon, 12 Apr 2021 19:10:10 +0000 |

**Presenter: Imed Bouazizi (Qualcomm)**

**Online Discussion:**

* BBC-Tencent version was presented.
* Frédéric:“Informative” in Annex title to be removed as a TR is already informative.

**Decision:**

* Revised.

[**S4-210578**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210578.zip) is revised to [S4-210627](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210627.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210578.zip)627 | Split Rendering Use Case Walkthrough | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.7 [FS\_EMSA]; 627; Block B; 13 Apr 1800 CEST] Split Rendering Use Case Walkthrough for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=226573) | Gabin, Frederic | Tue, 13 Apr 2021 09:09:38 +0000 |
| [Re: [9.7 [FS\_EMSA]; 627; Block B; 13 Apr 1800 CEST] Split Rendering Use Case Walkthrough for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=231279) | Richard Bradbury | Tue, 13 Apr 2021 13:02:53 +0100 |
| [Re: [9.7 [FS\_EMSA]; 627; Block B; 13 Apr 1800 CEST] Split Rendering Use Case Walkthrough for TR 26.803 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=245264) | Gabin, Frederic | Tue, 13 Apr 2021 17:57:00 +0000 |

**Decision:**

* Agreed via emails with a note to the editor to fix the penultimate paragraph in the document that corresponds to step 8 in the call flow, but lacks a number.

[**S4-210627**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210627.zip) is agreed.

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip)628 | Time plan for FS\_EMSA | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

**Presenter:**

**Online Discussion:**

**Decision:**

[**S4-210628**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210628.zip) is to be presented to SA4 plenary.

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip)629 | FS\_EMSA TR 26.803 vX.X.X | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

**Presenter:**

**Online Discussion:**

**Decision:**

[**S4-210629**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210629.zip) is to be presented to SA4 plenary.

## 9.8 FS\_5GMS\_EXT (Study on 5G media streaming extensions)

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| [S4-210452](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210452.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Presenter: Thomas Stockhammer (Qualcomm)**

**Online Discussion:**

**Decision:**

[**S4-210452**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210452.zip) is late and not treated.

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| [S4-210454](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210454.zip) | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Presenter: Thomas Stockhammer (Qualcomm)**

**Online Discussion:**

**Decision:**

[**S4-210454**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210454.zip) is late and not treated.

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| [S4-210455](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210455.zip) | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Presenter: Thomas Stockhammer (Qualcomm)**

**Online Discussion:**

**Decision:**

[**S4-210455**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210455.zip) is late and not treated.

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| [S4-210456](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210456.zip) | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | Qualcomm Incorporated | Thomas Stockhammer |

**E-mail Discussion:**

**Presenter: Thomas Stockhammer (Qualcomm)**

**Online Discussion:**

**Decision:**

[**S4-210456**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210456.zip) is late and not treated.

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| [S4-210477](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip) | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R60434) | Gabin, Frederic | Thu, 8 Apr 2021 19:41:57 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64379) | Richard Bradbury | Thu, 8 Apr 2021 21:53:16 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R66133) | Iraj Sodagar | Thu, 8 Apr 2021 22:02:59 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R91778) | Richard Bradbury | Fri, 9 Apr 2021 15:13:26 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R94497) | Iraj Sodagar | Fri, 9 Apr 2021 18:42:43 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R95618) | Iraj Sodagar | Fri, 9 Apr 2021 19:32:42 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R95169) | Richard Bradbury | Fri, 9 Apr 2021 20:03:46 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R96850) | Richard Bradbury | Sat, 10 Apr 2021 15:03:23 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R100456) | Charles Lo | Sat, 10 Apr 2021 18:58:07 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R103155) | Iraj Sodagar | Sun, 11 Apr 2021 01:55:13 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R103820) | Iraj Sodagar | Sun, 11 Apr 2021 02:44:13 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R116772) | Gabin, Frederic | Mon, 12 Apr 2021 03:28:32 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R121884) | Iraj Sodagar | Mon, 12 Apr 2021 03:52:26 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=167574) | Richard Bradbury | Mon, 12 Apr 2021 11:17:22 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=185015) | Iraj Sodagar | Mon, 12 Apr 2021 19:02:51 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=189512) | Charles Lo | Mon, 12 Apr 2021 20:32:55 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=191114) | Charles Lo | Tue, 13 Apr 2021 01:15:09 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=194481) | Iraj Sodagar | Tue, 13 Apr 2021 01:27:32 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=195460) | Charles Lo | Tue, 13 Apr 2021 01:34:37 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=196292) | Iraj Sodagar | Tue, 13 Apr 2021 01:58:58 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=201636) | Charles Lo | Tue, 13 Apr 2021 03:31:46 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=211250) | Iraj Sodagar | Tue, 13 Apr 2021 04:40:09 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 477->634->640; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / Adding potential open issues -> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=220930) | Richard Bradbury | Tue, 13 Apr 2021 08:20:29 +0100 |

**Presenter: Iraj Sodagar (Tencent)**

**Online Discussion:**

* r1 was presented.
* Richard: About step 17, the simplest thing to do seems to remove this step.
* Iraj: OK to do this in a future revision. It could also be needed to modify 501.
* Imed: We have to differentiate content preparation (prior to the content hosting) and distribution
* Iraj: Here it is all about content preparation.
* Frédéric: Someone needs to prepare a fix to 501.
* Richard/Charles: I would like more time.

**Decision:**

* Revised.

[**S4-210477**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip) is revised to [S4-210634](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210634.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip)634 | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210477](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip).

**Decision:**

* Revised.

[**S4-210634**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210634.zip) is revised to [S4-210640](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210640.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip)640 | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.8 [FS\_5GM\_EXT]; 640; Block B; 13 Apr 1800 CEST] pCR TR 26.804 Content preparation topic: Call flows for collaboration scenarios-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=228240) | Gabin, Frederic | Tue, 13 Apr 2021 09:41:37 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 640; Block B; 13 Apr 1800 CEST] pCR TR 26.804 Content preparation topic: Call flows for collaboration scenarios-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=246060) | Gabin, Frederic | Tue, 13 Apr 2021 17:58:28 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210640**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210640.zip) is agreed.

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| [S4-210478](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210478.zip) | [FS\_5GMS-EXT]: Content preparation topic: potential open issues | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R60543) | Gabin, Frederic | Thu, 8 Apr 2021 19:42:02 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64515) | Richard Bradbury | Thu, 8 Apr 2021 21:53:21 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R66607) | Iraj Sodagar | Thu, 8 Apr 2021 22:20:48 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R101488) | Charles Lo | Sat, 10 Apr 2021 19:27:52 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R117984) | Gabin, Frederic | Mon, 12 Apr 2021 03:29:33 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R126807) | Iraj Sodagar | Mon, 12 Apr 2021 04:25:26 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=168118) | Richard Bradbury | Mon, 12 Apr 2021 13:14:26 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=182336) | Charles Lo | Mon, 12 Apr 2021 17:46:31 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=187944) | Iraj Sodagar | Mon, 12 Apr 2021 19:15:51 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 478; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for Content Preparation / adding call flows for all collaboration scenarios -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=188809) | Iraj Sodagar | Mon, 12 Apr 2021 19:18:59 +0000 |

**Presenter: Iraj Sodagar (Tencent)**

**Online Discussion:**

* rev1 was presented.
* Frédéric: Should we note this contribution and address it during telcos?
* Iraj: OK.

**Decision:**

* Noted.

[**S4-210478**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210478.zip) is noted.

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| [S4-210479](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210479.zip) | [FS\_5GMS-EXT]: Uplink streaming topic: Call flows for collaboration scenarios | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R60655) | Gabin, Frederic | Thu, 8 Apr 2021 19:42:10 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64635) | Richard Bradbury | Thu, 8 Apr 2021 21:53:40 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R67012) | Iraj Sodagar | Thu, 8 Apr 2021 22:29:27 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R98827) | Charles Lo | Sat, 10 Apr 2021 17:15:22 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R102539) | Iraj Sodagar | Sun, 11 Apr 2021 01:49:30 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R118618) | Gabin, Frederic | Mon, 12 Apr 2021 03:30:33 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=163913) | Iraj Sodagar | Mon, 12 Apr 2021 08:03:14 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=169769) | Richard Bradbury | Mon, 12 Apr 2021 14:30:25 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=183979) | Iraj Sodagar | Mon, 12 Apr 2021 18:30:54 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=234527) | Iraj Sodagar | Tue, 13 Apr 2021 14:31:43 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=238220) | Gabin, Frederic | Tue, 13 Apr 2021 15:19:29 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 479; Block B; 12 Apr 0500] pCR TR 26.804: Updated text for uplink streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=239240) | Iraj Sodagar | Tue, 13 Apr 2021 16:26:02 +0000 |

**Presenter: Iraj Sodagar (Tencent)**

**Online Discussion:**

* Iraj: I can make it clear that the solution is illustrative only (responding to Charles’ concerns).
* Charles: It’s not-typical to get into detailed solution space description in a TR, but if clearly qualified it’s for the purpose of describing the problem it’s probably OK
* Richard: has similar comment as Charles
* Iraj: would be easier to

**Decision:**

* Revised.

[**S4-210479**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210479.zip) is revised to [S4-210635](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210635.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210479.zip)635 | [FS\_5GMS-EXT]: Uplink streaming topic: Call flows for collaboration scenarios | Tencent | Iraj Sodagar |

**E-mail Discussion:**

See [S4-210479](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210479.zip).

**Decision:**

[**S4-210635**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210635.zip) is noted without presentation.

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| [S4-210482](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210482.zip) | [FS\_5GMS\_EXT]: Proposed workplan update | Tencent | Iraj Sodagar |

**E-mail Discussion:**

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| [FS\_5GMS\_EXT updated Workplan](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=212102) | Iraj Sodagar | Tue, 13 Apr 2021 04:44:18 +0000 |

**Presenter: Iraj Sodagar (Tencent)**

**Online Discussion:**

**Decision:**

[**S4-210482**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210482.zip) is to be presented to SA4 plenary.

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| [S4-210492](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210492.zip) | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC) | Tencent America | Spencer Dawkins |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R60764) | Gabin, Frederic | Thu, 8 Apr 2021 19:42:19 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64743) | Richard Bradbury | Thu, 8 Apr 2021 21:54:30 +0100 |
| [[9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R69238) | sdawkins(Paul SpencerDawkins) | Fri, 9 Apr 2021 03:15:50 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R92154) | Richard Bradbury | Fri, 9 Apr 2021 15:39:50 +0100 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R112367) | Thomas Stockhammer | Mon, 12 Apr 2021 02:36:01 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R120026) | Gabin, Frederic | Mon, 12 Apr 2021 03:40:31 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R134076) | Thorsten Lohmar | Mon, 12 Apr 2021 04:54:28 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=164817) | sdawkins(Paul SpencerDawkins) | Mon, 12 Apr 2021 08:22:50 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=166681) | sdawkins(Paul SpencerDawkins) | Mon, 12 Apr 2021 08:26:52 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=193750) | sdawkins(Paul SpencerDawkins) | Tue, 13 Apr 2021 01:35:27 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=197242) | Thomas Stockhammer | Tue, 13 Apr 2021 02:49:10 +0000 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GMS\_EXT]; 492; Block B; 12 Apr 0500] pCR TR 26.804: Key Topic Additional / New transport protocols -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=215438) | sdawkins(Paul SpencerDawkins) | Tue, 13 Apr 2021 05:41:43 +0000 |

**Presenter: Spencer Dawkins (Tencent)**

**Online Discussion:**

* rev1 was presented.
* Thorsten: What are the impacts of the open issues?
* Spencer: Some are describing things we need to know. The others are to be sure that all open issues are listed.
* Frédéric: Do we have ambition to address these open issues? They seem to be more open questions than open issues. Open issues call for candidate solutions.
* Thorsten: Many of these are uncertainties in the protocol because it is new. Maybe massage the heading titles. Then we could include this in the TR.
* Iraj: These are questions for inside the study rather than for later standardisation.
* Fred: Text is useful. Suggest moving it to a different subclause, e.g. in the general description.

**Decision:**

* Revised.

[**S4-210492**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210492.zip) is revised to [S4-210636](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210636.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210492.zip)636 | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC) | Tencent America | Spencer Dawkins |

**E-mail Discussion:**

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| [[9.8 [FS\_5GM\_EXT]; 636; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC)-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=229384) | Gabin, Frederic | Tue, 13 Apr 2021 09:47:22 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 636; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC)-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=231557) | Richard Bradbury | Tue, 13 Apr 2021 13:11:30 +0100 |
| [Re: (Internet mail)Re: [9.8 [FS\_5GM\_EXT]; 636; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC)-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=232378) | sdawkins(Paul SpencerDawkins) | Tue, 13 Apr 2021 13:11:02 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 636; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC)-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=237406) | Gabin, Frederic | Tue, 13 Apr 2021 15:18:26 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 636; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC)-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=246887) | Gabin, Frederic | Tue, 13 Apr 2021 18:01:32 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210636**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210636.zip) is agreed.

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| [S4-210501](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210501.zip) | Update on the Traffic Identification for 5-tuple identified streaming | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R60874) | Gabin, Frederic | Thu, 8 Apr 2021 19:42:31 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64859) | Richard Bradbury | Thu, 8 Apr 2021 21:55:21 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64960) | Richard Bradbury | Thu, 8 Apr 2021 21:55:43 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R76783) | Thorsten Lohmar | Fri, 9 Apr 2021 06:17:27 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R78165) | panqi (E) | Fri, 9 Apr 2021 06:58:18 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R79540) | Richard Bradbury | Fri, 9 Apr 2021 08:19:03 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R84602) | Thorsten Lohmar | Fri, 9 Apr 2021 10:06:21 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R64859) | Thorsten Lohmar | Fri, 9 Apr 2021 10:38:40 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R88242) | panqi (E) | Fri, 9 Apr 2021 11:07:10 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R107298) | Thorsten Lohmar | Sun, 11 Apr 2021 13:17:49 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R107728) | Thorsten Lohmar | Sun, 11 Apr 2021 13:20:09 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R111713) | panqi (E) | Mon, 12 Apr 2021 01:50:37 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R114052) | Imed Bouazizi | Mon, 12 Apr 2021 02:52:47 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R119255) | panqi (E) | Mon, 12 Apr 2021 03:35:45 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R120773) | Gabin, Frederic | Mon, 12 Apr 2021 03:47:16 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R130405) | Thorsten Lohmar | Mon, 12 Apr 2021 04:38:14 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R131138) | Gabin, Frederic | Mon, 12 Apr 2021 04:40:34 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=181608) | Richard Bradbury | Mon, 12 Apr 2021 17:47:22 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=181865) | Richard Bradbury | Mon, 12 Apr 2021 17:57:10 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=183204) | Thorsten Lohmar | Mon, 12 Apr 2021 18:14:39 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=199116) | panqi (E) | Tue, 13 Apr 2021 03:02:29 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=219277) | Thorsten Lohmar | Tue, 13 Apr 2021 06:41:26 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=222379) | panqi (E) | Tue, 13 Apr 2021 07:48:26 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=223467) | Thorsten Lohmar | Tue, 13 Apr 2021 08:37:51 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=225020) | panqi (E) | Tue, 13 Apr 2021 09:05:30 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 501, 522, 537; Block B; 12 Apr 0500] pCR TR 26.804: Traffic Identification](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=227323) | Thorsten Lohmar | Tue, 13 Apr 2021 09:31:12 +0000 |

**Decision:**

* 501, 522 and 537 are merged into 589.

[**S4-210501**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210501.zip) is merged into [S4-210589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210589.zip).

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| [S4-210511](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210511.zip) | Discussion on the content aware streaming | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R60995) | Gabin, Frederic | Thu, 8 Apr 2021 19:42:37 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R77945) | Thorsten Lohmar | Fri, 9 Apr 2021 06:34:07 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R83536) | panqi (E) | Fri, 9 Apr 2021 10:05:55 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R100177) | Charles Lo | Sat, 10 Apr 2021 18:23:19 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R108461) | Thomas Stockhammer | Sun, 11 Apr 2021 21:15:54 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R115115) | panqi (E) | Mon, 12 Apr 2021 03:12:47 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 511; Block B; 12 Apr 0500] discussion and text proposal (pCR) to TR 26.804 on content aware streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R121461) | Gabin, Frederic | Mon, 12 Apr 2021 03:50:51 +0000 |

**Presenter: Qi Pan (Huawei)**

**Online Discussion:**

* Richard: Agrees that these examples of desired content awareness are valid

**Decision:**

* Noted.

[**S4-210511**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210511.zip) is noted.

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| [S4-210518](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210518.zip) | TR 26.804 v0.1.1 | Ericsson GmbH, Eurolab | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 518; Block B; 12 Apr 0500] Draft TR 26.804 v1.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R61107) | Gabin, Frederic | Thu, 8 Apr 2021 19:42:52 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 518; Block B; 12 Apr 0500] Draft TR 26.804 v1.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R123401) | Gabin, Frederic | Mon, 12 Apr 2021 03:55:01 +0000 |

**Decision:**

* Agreed as basis for further work via emails.

[**S4-210518**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210518.zip) is agreed.

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| [S4-210522](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210522.zip) | [FS\_5GMS-EXT] Key Topic Traffic Identification using ToS IP Header Field | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210501](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210501.zip).

**Decision:**

* 501, 522 and 537 are merged into 589.

[**S4-210522**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210522.zip) is merged into [S4-210589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210589.zip).

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| [S4-210523](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210523.zip) | [FS\_5GMS-EXT] Collaboration scenario proposal for KI “per-application-authorization” | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.8 [FS\_5GMS\_EXT]; 523; Block B; 12 Apr 0500] pCR TR 26.804 Per-Application authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R61221) | Gabin, Frederic | Thu, 8 Apr 2021 19:44:49 +0000 |
| [[9.8 [FS\_5GMS\_EXT]; 523; Block B; 12 Apr 0500] pCR TR 26.804 Per-Application authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R65065) | Richard Bradbury | Thu, 8 Apr 2021 21:56:14 +0100 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 523; Block B; 12 Apr 0500] pCR TR 26.804 Per-Application authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R108152) | Thorsten Lohmar | Sun, 11 Apr 2021 13:49:51 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 523; Block B; 12 Apr 0500] pCR TR 26.804 Per-Application authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R123144) | Gabin, Frederic | Mon, 12 Apr 2021 03:53:45 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 523; Block B; 12 Apr 0500] pCR TR 26.804 Per-Application authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=172172) | Thorsten Lohmar | Mon, 12 Apr 2021 14:12:41 +0000 |
| [Re: [9.8 [FS\_5GMS\_EXT]; 523; Block B; 12 Apr 0500] pCR TR 26.804 Per-Application authorization -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=179257) | Richard Bradbury | Mon, 12 Apr 2021 17:03:12 +0100 |

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* r2 was presented.
* Imed: One question: Why does the app is below the client?
* Thorsten: I was trying to prevent crossing lines.
* Frédéric: Maybe you can add the labels in figure 5.9.2.2.

**Decision:**

* Revised. The revision will be agreed without presentation.

[**S4-210523**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210523.zip) is revised to [S4-210637](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210637.zip).

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| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210523.zip)637 | [FS\_5GMS-EXT] Collaboration scenario proposal for KI “per-application-authorization” | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210637](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210637.zip).

**Decision:**

* Agreed without presentation.

[**S4-210637**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210637.zip) is agreed.

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| [S4-210537](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210537.zip) | Key Topic Traffic Identification | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

See [S4-210501](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210501.zip).

**Decision:**

* 501, 522 and 537 are merged into 589.

[**S4-210537**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210537.zip) is merged into [S4-210589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210589.zip).

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| [S4-2105](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210537.zip)89 | Key Topic Traffic Identification | Qualcomm Incorporated | Imed Bouazizi |

**E-mail Discussion:**

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| [[9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=230226) | Gabin, Frederic | Tue, 13 Apr 2021 09:55:59 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=230999) | Richard Bradbury | Tue, 13 Apr 2021 12:00:15 +0100 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=233189) | Thorsten Lohmar | Tue, 13 Apr 2021 13:30:42 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=233965) | Richard Bradbury | Tue, 13 Apr 2021 15:21:13 +0100 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=234246) | Richard Bradbury | Tue, 13 Apr 2021 15:30:40 +0100 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=235459) | Thorsten Lohmar | Tue, 13 Apr 2021 14:39:58 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=236407) | Thorsten Lohmar | Tue, 13 Apr 2021 14:55:57 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=238959) | Richard Bradbury | Tue, 13 Apr 2021 17:23:30 +0100 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=241220) | Thorsten Lohmar | Tue, 13 Apr 2021 17:13:47 +0000 |
| [Re: [9.8 [FS\_5GM\_EXT]; 589; Block B; 13 Apr 1800 CEST] pCR TR 26.804 on Key Topic Traffic Identification -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=247641) | Gabin, Frederic | Tue, 13 Apr 2021 18:04:20 +0000 |

**Decision:**

* We can not consider a further revision of 589 during this meeting. Let’s consider this proposal further during one of our upcoming MBS SWG AH Telco.

[**S4-210589**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210589.zip) is noted.

## 9.9 FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN)

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| [S4-210500](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210500.zip) | Use case for multiple video camera capturing for A/V Production | HUAWEI Technologies Japan K.K. | Qi Pan |

**E-mail Discussion:**

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| [[9.9 [FS\_NPN4AVProd]; 500; Block B; 13 Apr 0500] proposed use case description for multiple video camera capturing for A/V Production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62634) | Gabin, Frederic | Thu, 8 Apr 2021 20:09:54 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 500; Block B; 13 Apr 0500] proposed use case description for multiple video camera capturing for A/V Production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R112198) | Charles Lo | Mon, 12 Apr 2021 02:06:25 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 500; Block B; 13 Apr 0500] proposed use case description for multiple video camera capturing for A/V Production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R115506) | Thomas Stockhammer | Mon, 12 Apr 2021 03:16:26 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 500; Block B; 13 Apr 0500] proposed use case description for multiple video camera capturing for A/V Production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R123552) | panqi (E) | Mon, 12 Apr 2021 03:59:48 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 500; Block B; 13 Apr 0500] proposed use case description for multiple video camera capturing for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=204002) | Gabin, Frederic | Tue, 13 Apr 2021 03:46:00 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 500; Block B; 13 Apr 0500] proposed use case description for multiple video camera capturing for A/V Production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=206238) | panqi (E) | Tue, 13 Apr 2021 03:56:04 +0000 |

**Presenter: Qi Pan (Huawei)**

**Online Discussion:**

* Frédéric: There was a comment indicating that the use case is not included in the WID.
* Thorsten: It is fine to have a new use case but we need to know why. In this case, this is too high level.
* Frédéric: Exact, we should take existing use cases from AVProd.
* Qi: This use case also appears in TR 22.827 SA1 study on AVProd
* Frédéric: Let’s stop the debate.

**Decision:**

* Noted.

[**S4-210500**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210500.zip) is noted.

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| [S4-210519](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210519.zip) | Initial version of TR 26.805 | Ericsson GmbH, Eurolab | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.9 [FS\_NPN4AVProd]; 519; Block B; 13 Apr 0500] TR 26.805 v0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62193) | Gabin, Frederic | Thu, 8 Apr 2021 20:09:40 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 519; Block B; 13 Apr 0500] TR 26.805 v0.0.1 -> for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=200029) | Gabin, Frederic | Tue, 13 Apr 2021 03:27:47 +0000 |

**Decision:**

* Agreed via emails.

[**S4-210519**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210519.zip) is agreed.

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| [S4-210527](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210527.zip) | Structure of the technical report | Ericsson LM, BBC, EBU, Sennheiser | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.9 [FS\_NPN4AVProd]; 527; Block B; 13 Apr 0500] pCR TR 26.805 on proposed TR structure -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62303) | Gabin, Frederic | Thu, 8 Apr 2021 20:09:43 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 527; Block B; 13 Apr 0500] pCR TR 26.805 on proposed TR structure -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R113568) | Thomas Stockhammer | Mon, 12 Apr 2021 02:42:07 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 527; Block B; 13 Apr 0500] pCR TR 26.805 on proposed TR structure -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=200845) | Gabin, Frederic | Tue, 13 Apr 2021 03:30:10 +0000 |

**Decision:**

* Agreed via emails. It is recommended that the editor of the TR takes the comments from Qualcomm into account in the next draft version.

[**S4-210527**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210527.zip) is agreed.

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| [S4-210528](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210528.zip) | Overview of NMOS functionality | BBC, Ericsson LM, EBU, Sennheiser | Thorsten Lohmar |

**E-mail Discussion:**

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| [[9.9 [FS\_NPN4AVProd]; 528; Block B; 13 Apr 0500] pCR TR 26.805 on NMOS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62413) | Gabin, Frederic | Thu, 8 Apr 2021 20:09:48 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 528; Block B; 13 Apr 0500] pCR TR 26.805 on NMOS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R113797) | Thomas Stockhammer | Mon, 12 Apr 2021 02:51:30 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 528; Block B; 13 Apr 0500] pCR TR 26.805 on NMOS -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=202545) | Gabin, Frederic | Tue, 13 Apr 2021 03:35:49 +0000 |

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* Frédéric: This will need further iterations before it can be added to the TR. Additionally, a reference to SMPTE 2110 should be added. With regards to figures, we would need the written authorization from EBU and AMWA.
* Thorsten: Yes, AMWA figure contains copyright. So we can’t change it and need to add copyright.
* Darko: I don’t expect any issue. EBU can provide a statement for the technology pyramid diagram if needed.
* Frédéric: The minimum is to have an email saying OK.
* Thorsten: Is MCC has experience with copyright labels?

**Decision:**

* Noted. Other iteration to be planned for next telcos.

[**S4-210528**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210528.zip) is noted.

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210529](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210529.zip) | Description of existing media protocols in media production | EBU, Ericsson LM, BBC, Sennheiser | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62523) | Gabin, Frederic | Thu, 8 Apr 2021 20:09:51 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R110721) | Charles Lo | Mon, 12 Apr 2021 00:37:41 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R114829) | Thomas Stockhammer | Mon, 12 Apr 2021 03:06:25 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=170045) | Richard Bradbury | Mon, 12 Apr 2021 14:53:59 +0100 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=174977) | Thorsten Lohmar | Mon, 12 Apr 2021 14:57:08 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=175862) | Thorsten Lohmar | Mon, 12 Apr 2021 15:11:35 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=176819) | Thomas Stockhammer | Mon, 12 Apr 2021 15:12:48 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=180173) | Richard Bradbury | Mon, 12 Apr 2021 17:17:23 +0100 |
| [Re: [9.9 [FS\_NPN4AVProd]; 529; Block B; 13 Apr 0500] pCR TR 26.805 on Media protocols for A/V production -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=203192) | Gabin, Frederic | Tue, 13 Apr 2021 03:40:05 +0000 |

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* r1 was presented.
* Thorsten: Editor’s note still needs to be clarified.
* Frédéric: Can we agree to this revision? OK let’s do that.

**Decision:**

* Revised according to r1. The revision (641) is agreed without presentation.

[**S4-210529**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210529.zip) is revised to [S4-210641](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210641.zip).

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210529.zip)641 | Description of existing media protocols in media production | EBU, Ericsson LM, BBC, Sennheiser | Thorsten Lohmar |

**E-mail Discussion:**

See [S4-210529](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210529.zip).

**Decision:**

* Agreed without presentation.

[**S4-210641**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210641.zip) is agreed.

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210530](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210530.zip) | Description of camera media flows in a Multi-Camera production | BBC, Ericsson LM, EBU, Sennheiser | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[9.9 [FS\_NPN4AVProd]; 530; Block B; 13 Apr 0500] pCR TR 26.805 on Use-Case X: Functions of a Camera in a Multi-Camera event -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62746) | Gabin, Frederic | Thu, 8 Apr 2021 20:09:58 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 530; Block B; 13 Apr 0500] pCR TR 26.805 on Use-Case X: Functions of a Camera in a Multi-Camera event -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R114580) | Thomas Stockhammer | Mon, 12 Apr 2021 03:00:31 +0000 |
| [Re: [9.9 [FS\_NPN4AVProd]; 530; Block B; 13 Apr 0500] pCR TR 26.805 on Use-Case X: Functions of a Camera in a Multi-Camera event -> for agreement.](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=204763) | Gabin, Frederic | Tue, 13 Apr 2021 03:49:29 +0000 |

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* v1 was presented.
* Thorsten: I understand from the comments by emails this is in progress.
* Thomas: The main thing is this is a very specific use case with a very generic introduction.
* Thorsten: OK, point taken. Some areas are too detailed and others too general.
* Frédéric: The content is fine, but it needs more iterations. No time to process it during this meeting.

**Decision:**

* Noted, revision expected during telcos.

[**S4-210530**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210530.zip) is noted.

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210500.zip)639 | FS\_NPN4AVProd Time plan | Ericsson LM | Thorsten Lohmar |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[FS\_NPN4AVProd]: Timeplan](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=163429) | Thorsten Lohmar | Mon, 12 Apr 2021 07:57:16 +0000 |

**Presenter: Thorsten Lohmar (Ericsson)**

**Online Discussion:**

* MBS telcos before SA4#114-e to be updated.
* Thomas: It will be difficult to consider outputs from the 5G-MAG workshop only one day after.

**Decision:**

* Revised for the fixes, mostly on the date for the telcos. The revision (642) is agreed without presentation and will go to the plenary.

[**S4-210639**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210639.zip) is revised to [S4-210642](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210642.zip).

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210500.zip)642 | FS\_NPN4AVProd Time plan | Ericsson LM | Thorsten Lohmar |

**Decision:**

* Agreed without presentation and will go to the plenary.

[**S4-210642**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210642.zip) is agreed.

## 9.10 New Work / New Work Items and Study Items

|  |  |  |  |
| --- | --- | --- | --- |
| [S4-210497](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210497.zip) | New WID on 5GMS AF Event Exposure | QUALCOMM Europe Inc. - Italy | Imed Bouazizi |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R62858) | Gabin, Frederic | Thu, 8 Apr 2021 20:14:54 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R119834) | panqi (E) | Mon, 12 Apr 2021 03:39:27 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R134891) | Imed Bouazizi | Mon, 12 Apr 2021 04:56:35 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R135111) | Thorsten Lohmar | Mon, 12 Apr 2021 04:58:35 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R135344) | Imed Bouazizi | Mon, 12 Apr 2021 05:07:48 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&P=R137838) | Charles Lo | Mon, 12 Apr 2021 05:34:29 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=165819) | panqi (E) | Mon, 12 Apr 2021 08:36:10 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=173940) | Imed Bouazizi | Mon, 12 Apr 2021 14:32:49 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=186140) | Charles Lo | Mon, 12 Apr 2021 19:05:08 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=193058) | panqi (E) | Tue, 13 Apr 2021 02:34:41 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=205445) | Gabin, Frederic | Tue, 13 Apr 2021 03:54:03 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=208600) | Imed Bouazizi | Tue, 13 Apr 2021 04:24:47 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=209540) | Imed Bouazizi | Tue, 13 Apr 2021 04:28:51 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=212946) | Charles Lo | Tue, 13 Apr 2021 05:04:16 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=213866) | Thorsten Lohmar | Tue, 13 Apr 2021 05:20:15 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=214563) | Imed Bouazizi | Tue, 13 Apr 2021 05:36:18 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=216410) | Thorsten Lohmar | Tue, 13 Apr 2021 05:44:02 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=218060) | Gunnar Heikkilä | Tue, 13 Apr 2021 06:02:17 +0000 |
| [Re: [9.10 [New Work Items]; 497; Block B; 13 Apr 0500] New WID on 5GMS AF Event Exposure (EVEX)](https://list.etsi.org/scripts/wa.exe?A2=ind2104B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=218675) | panqi (E) | Tue, 13 Apr 2021 06:03:57 +0000 |

**Decision:**

* Revised.

[**S4-210497**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210497.zip) is revised to [S4-210590](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_113-e/Docs/S4-210590.zip).

## 9.11 Others including TEI

## 9.12 Review of the future work plan (next meeting dates, hosts)

MBS SWG AH post 113-e

Apr 22, 14:00-17:00 CEST

May 6, 15:00-18:00 CEST

Joint telco with Video SWG on FS\_EMSA-FS\_5GSTAR: May 4 1700-1800 CEST

## 9.13 Any Other Business

## 9.14 Close of the session

The chairman thanked the delegates and closed the meeting at 1800 CEST on 13th April 2021.

## Annex A: Attendees

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME LAST** | **FIRST** | **COMPANY** | **Attended** |
| Gabin | **Frédéric** | **Dolby** | Yes |
| Plante | **Fabrice** | **Apple** | Yes |
| Hu | **James** | **AT&T** | Yes |
| Burdinat | **Christophe** | **Ateme** | Yes |
| Biatek | **Thibaud** | **Ateme** | Yes |
| Bradbury | **Richard** | **BBC Research & Development** | Yes |
| Xu | **Song** | **China Mobile** |  |
| Bernhard | **Feiten** | **Deutsche Telekom** | Yes |
| Lee | **Brian** | **Dolby** | Yes |
| Ratkaj | **Darko** | **EBU** | Yes |
| Thienot | **Cédric** | **Enensys** | Yes |
| Heikkilä | **Gunnar** | **Ericsson** | Yes |
| Burman | **Bo** | **Ericsson** | Yes |
| Lohmar | **Thorsten** | **Ericsson** | Yes |
| Sanchez | **Yago** | **Fraunhofer HHI** | Yes |
| Dohla | **Stefan** | **Fraunhofer IIS** | Yes |
| Pan | **Qi** | **Huawei** | Yes |
| Howells | **Elfed** | **Huawei** | Yes |
| Liu | **Yan** | **Huawei** | Yes |
| Fourdeux | **Henri** | **InterDigital** | Yes |
| Hamza | **Ahmed** | **InterDigital Communications** | Yes |
| Gudumasu | **Srinivas** | **InterDigital** | Yes |
| Woosuk | **Kwon** | **LG Electronics Inc.** | Yes |
| Saha | **Jayeeta** | **MCC** | Yes |
| Curcio | **Igor** | **Nokia** | Yes |
| Morita | **Naotaka** | **NTT** | Yes |
| Lemotheux | **Julien** | **Orange** | Yes |
| Bouazizi | **Imed** | **Qualcomm Incorporated** | Yes |
| Lo | **Charles** | **Qualcomm Incorporated** | Yes |
| Stockhammer | **Thomas** | **Qualcomm Incorporated** | Yes |
| Lee | **Ryan** | **Samsung** | Yes |
| Rhyu | **Sungryeul** | **Samsung** | Yes |
| Yang | **Hyun-Koo** | **Samsung Electronics** | Yes |
| Song | **Jaeyeon** | **Samsung** | Yes |
| Joshi | **Rajan** | **Samsung** | Yes |
| Prakash | **Kolan** | **Samsung** | Yes |
| Yip | **Eric** | **Samsung** | Yes |
| Szucs | **Paul** | **Sony Corporation** | Yes |
| Isberg | **Peter** | **Sony** | Yes |
| Gibellino | **Diego** | **Telecom Italia** | Yes |
| Tan | **Peng** | **TELUS** | Yes |
| Sodagar | **Iraj** | **Tencent America** | Yes |
| Teniou | **Gilles** | **Tencent** | Yes |
| Dawkins | **Spencer** | **Tencent** | Yes |

# Annex B: Final agenda

|  |  |  |  |
| --- | --- | --- | --- |
| A.I. | Title of A.I. | Block | Tdoc |
| 6.2 | Other 3GPP groups | Plenary |  |
| 9 | Multicast-Broadcast-Streaming (MBS) SWG | - |  |
| 9.1 | Opening of the session | A |  |
| 9.2 | Registration of documents | A |  |
| 9.3 | Reports/Liaisons from other groups/meetings | A | 405n (SA3/data collection)415n (SA2/5MBS)407 (SA2/VIAPA) reply in 442->619a, 443n |
| 9.4 | Issues for immediate consideration | A |  |
| 9.5 | CRs to features in Release 16 and earlier | A | ClientId: 440->643a, 414 (SA2/data collection) reply in 441->644AppId: 524a, 525->615a, 620->630a (then->661 in plenary)448nt |
| 9.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | A | TR 26.802: 493aDVB-MABR: 475->621n5MBS arch.: 476->616a5MBS User Service: 495->617->588xMB: 521->638aLS on 5MBS: 496->632TP: 494->618a449nt, 450nt, 451nt |
| 9.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | A | Architecture: 499->622a, 503->633aAS Relocation: 515->623nProvisioning: 517nGaps: 561->624->631aEditorials: 574->625aGaps and Conclusions: 575->626aUse case: 578->627aTP: 628TR 26.803: 629 |
| 9.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | B | Content Prep.: 477->634->640a, 478nUplink streaming: 479->635nNew transport protocols: 492->636aTraffic Ident.: 501m&522m&537m->589nContent aware streaming: 511nPer-application-authorization: 523->637aTR 26.804: 518aTP: 482452nt, 453nt, 454nt, 455nt, 456nt |
| 9.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | B | TR 26.805 v0.0.1: 519aTR structure: 527aNMOS: 528nMedia protocols: 529->641aUse case: 500n, 530nTP: 639->642a |
| 9.10 | New Work / New Work Items and Study Items | B | 497->590 |
| 9.11 | Others including TEI | B | 498nt |
| 9.12 | Review of the future work plan (next meeting dates, hosts) | B | **MBS SWG AH post 113-e**  **Apr 22, 14:00-17:00 CEST**  **May 6, 15:00-18:00 CEST**  **Joint telco with Video SWG on FS\_EMSA-FS\_5GSTAR: May 4 1700-1800 CEST** |
| 9.13 | Any Other Business | B |  |
| 9.14 | Close of the session | B |  |
| 14 | Reports and general issues from sub-working-groups | Plenary |  |
| 14.2 | MBS SWG | Plenary | 591, Tdoc status transfer |
| 15 | CRs to features in Release 16 and earlier | Plenary | LS: 615, 630 |
| 16 | Release 17 Features | Plenary |  |
| 16.6 | TEI17 and any other Rel-17 documents | Plenary |  |
| 18 | Study Items | - |  |
| 18.1 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | Plenary | dCR: 588LS: 632TR: 493, 592TP: 618 |
| 18.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | Plenary | TR: 629TP: 628 |
| 18.8 | FS\_5GMS\_EXT (Study on 5G media streaming extensions) | Plenary | TP: 482 |
| 18.9 | FS\_NPN4AVProd (Feasibility Study on Media Production over 5G NPN) | Plenary | TR: 678TP: 642 |
| 19 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work | Plenary | 590 (EVEX) |
| 20 | New Work / New Work Items and Study Items | Plenary |  |
| 21 | Postponed issues | Plenary |  |
| 22 | Review of the future work plan (next meeting dates, hosts) | Plenary |  |
| 23 | Any Other Business | Plenary |  |
| 24 | Close of meeting: Wednesday April 14th, at 10:00 hours CEST (at the latest) | Plenary |  |

# Annex C - Documents status

## C.1 Agreed documents (not presented to SA4 plenary)

| **TDoc** | **Title** | | **Source** | | **For** | | **SWG Agenda item** | | **TDoc Status** | **Revised to** | | **Plenary Agenda item** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **[S4-210518](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210518.zip)** | TR 26.804 v0.1.1 | | Ericsson GmbH, Eurolab | |  | | 9.8 | | **agreed** |  | | - |
| [**S4-210519**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210519.zip) | Initial version of TR 26.805 | | Ericsson GmbH, Eurolab | |  | | 9.9 | | **agreed** |  | | - |
| [**S4-210524**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210524.zip) | Discussion on Application Id usage on Nnef\_AfSessionWithQoS and NnefChargableThirdParty APIs | | Ericsson LM | | Agreement | | 9.5 | | **agreed** |  | | - |
| [**S4-210527**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210527.zip) | Structure of the technical report | | Ericsson LM, BBC, EBU, Sennheiser | | Agreement | | 9.9 | | **agreed** |  | | - |
| S4-210616 | Baseline 5MBS reference architecture | BBC | | Agreement | | 9.6 | | **agreed** | | |  | - |
| S4-210622 | Update on the SA6 generic procedures | HUAWEI Technologies Japan K.K. | | Agreement | | 9.7 | | **agreed** | | |  | - |
| S4-210625 | Updates to TR 26.803 | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **agreed** | | |  | - |
| S4-210626 | Gaps and conclusions for TR 26.803 | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **agreed** | | |  | - |
| S4-210627 | Split Rendering Use Case Walkthrough | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **agreed** | | |  | - |
| S4-210631 | [FS\_EMSA] Updates to call flows for EAS discovery | Tencent, BBC | | Agreement | | 9.7 | | **agreed** | | |  | - |
| S4-210633 | Possible Deployment Options for EMSA Architecture | HUAWEI Technologies Japan K.K. | | Agreement | | 9.7 | | **agreed** | | |  | - |
| S4-210636 | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC) | Tencent America | | Agreement | | 9.8 | | **agreed** | | |  | - |
| S4-210637 | [FS\_5GMS-EXT] Collaboration scenario proposal for KI “per-application-authorization” | Ericsson LM | | Agreement | | 9.8 | | **agreed** | | |  | - |
| S4-210638 | On Nx2 Design and extension of KI#2 with Group Communication Delivery configuration | Ericsson LM | | Agreement | | 9.6 | | **agreed** | | |  | - |
| S4-210640 | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | Tencent | | Agreement | | 9.8 | | **agreed** | | |  | - |
| S4-210641 | Description of existing media protocols in media production | EBU, Ericsson LM, BBC, Sennheiser | | Agreement | | 9.9 | | **agreed** | | |  | - |

## C.2 Agreed documents (to be presented to SA4 plenary)

| **TDoc** | | **Title** | | **Source** | | **For** | | **SWG Agenda item** | | **TDoc Status** | **Revised to** | | **Plenary Agenda item** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**S4-210493**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210493.zip) | | Draft TR 26.802 | | TELUS | |  | | 9.6 | | **agreed** |  | | 18.1 |
| S4-210615 | Correction on Dynamic Policy parameters | | Ericsson LM | | Agreement | | 9.5 | | **agreed** | | |  | 15 |
| S4-210618 | [FS\_5GMS\_Multicast] Updated time and work plan | | TELUS | | Agreement | | 9.6 | | **agreed** | | |  | 18.1 |
| S4-210619 | Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services | | Qualcomm Incorporated | | Discussion | | 9.3 | | **agreed** | | |  | 6.2 |
| S4-210630 | Draft LS (to SA2) on App ID Usage in NEF Related Service API in Rel 17 | | Ericsson LM | | Agreement | | 9.5 | | **agreed** | | |  | 15 |
| S4-210642 | FS\_NPN4AVProd Time plan | | Rapporteur (Ericsson LM) | | Agreement | | 9.9 | | **agreed** | | |  | 18.9 |
| S4-210643 | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | | Qualcomm Incorporated | | Agreement | | 9.5 | | **agreed** | | |  | 15 |

## C.3 Other status than agreed documents (not to be presented to SA4 plenary)

| **TDoc** | | **Title** | | **Source** | | **For** | | **SWG Agenda item** | | **TDoc Status** | **Revised to** | | **Plenary Agenda item** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**S4-210415**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210415.zip) | | Reply LS on Service Layer aspects for 5G MBS | | 3GPP SA2 | | Discussion | | 6.2 | | **available** |  | |  |
| [**S4-210440**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210440.zip) | | ClientId for Consumption and Metrics Reporting, and Dynamic Policy and Network Assistance Access | | Qualcomm Incorporated | | Agreement | | 9.5 | | **revised** | S4-210643 | |  |
| [**S4-210441**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210441.zip) | | Draft Reply LS to SA2 on UE Data Collection | | Qualcomm Incorporated | | Discussion | | 9.3 | | **revised** | S4-210644 | |  |
| [**S4-210442**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210442.zip) | | Draft Reply LS to SA2 on hold and forward buffer support for VIAPA services | | Qualcomm Incorporated | | Discussion | | 9.3 | | **revised** | S4-210619 | |  |
| [**S4-210443**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210443.zip) | | On Hold and Forward Buffer Support for VIAPA Services | | Qualcomm Incorporated, Ericsson LM, Sennheiser | | Agreement | | 9.3 | | **noted** |  | |  |
| S4-210448 | | Proposed Corrections to TS 26.512 | | Qualcomm Incorporated | | Agreement | | 9.5 | | LATE |  | |  |
| S4-210449 | | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | | Qualcomm Incorporated | | Agreement | | 9.6 | | LATE |  | |  |
| S4-210450 | | [FS\_5GMS\_Multicast] Hybrid Services | | Qualcomm Incorporated | | Agreement | | 9.6 | | LATE |  | |  |
| S4-210451 | | [FS\_5GMS\_Multicast] Interworking with EPC and enTV | | Qualcomm Incorporated | | Agreement | | 9.6 | | LATE |  | |  |
| S4-210452 | | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols | | Qualcomm Incorporated | | Agreement | | 9.8 | | LATE |  | |  |
| S4-210453 | | [FS\_5GMS-EXT] Key Topic Background traffic | | Qualcomm Incorporated | | Agreement | | 9.8 | | LATE |  | |  |
| S4-210454 | | [FS\_5GMS-EXT] Key Topic Content Aware Streaming | | Qualcomm Incorporated | | Agreement | | 9.8 | | LATE |  | |  |
| S4-210455 | | [FS\_5GMS-EXT] Key Topic Support for encrypted and high-value content | | Qualcomm Incorporated | | Agreement | | 9.8 | | LATE |  | |  |
| S4-210456 | | [FS\_5GMS-EXT] Key Topic Scalable distribution of unicast Live Services | | Qualcomm Incorporated | | Agreement | | 9.8 | | LATE |  | |  |
| [**S4-210475**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210475.zip) | | Interworking of DVB-MABR with 5MBS | | BBC | | Agreement | | 9.6 | | **revised** | S4-210621 | |  |
| [**S4-210476**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210476.zip) | | Baseline 5MBS reference architecture | | BBC | | Agreement | | 9.6 | | **revised** | S4-210616 | |  |
| [**S4-210477**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210477.zip) | | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | | Tencent | | Agreement | | 9.8 | | **revised** | S4-210634 | |  |
| [**S4-210478**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210478.zip) | | [FS\_5GMS-EXT]: Content preparation topic: potential open issues | | Tencent | | Agreement | | 9.8 | | **Noted** |  | |  |
| [**S4-210479**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210479.zip) | | [FS\_5GMS-EXT]: Uplink streaming topic: Call flows for collaboration scenarios | | Tencent | | Agreement | | 9.8 | | **revised** | S4-210635 | |  |
| [**S4-210492**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210492.zip) | | [FS\_5GMS-EXT] Key Topic Additional / New transport protocols (Open issues for HTTP/3 and QUIC) | | Tencent America | | Agreement | | 9.8 | | **revised** | S4-210636 | |  |
| [**S4-210494**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210494.zip) | | [FS\_5GMS\_Multicast] Updated time and work plan | | TELUS | | Agreement | | 9.6 | | **revised** | S4-210618 | |  |
| [**S4-210495**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210495.zip) | | pCR to TR 26.802 - on 5GS broadcast-multicast user service | | TELUS | |  | | 9.6 | | **revised** | S4-210617 | |  |
| [**S4-210496**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210496.zip) | | LS to SA2 on work split and broadcast-multicast user service | | TELUS | |  | | 9.6 | | **revised** | S4-210632 | |  |
| [**S4-210497**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210497.zip) | | New WID on 5GMS AF Event Exposure | | QUALCOMM Europe Inc. - Italy | |  | | 9.10 | | **revised** | S4-210590 | |  |
| S4-210498 | | UE Data Ingest over M1 Interface | | Qualcomm Incorporated | | Agreement | | 9.11 | | LATE |  | |  |
| [**S4-210499**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210499.zip) | | Update on the SA6 generic procedures | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.7 | | **revised** | S4-210622 | |  |
| [**S4-210500**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210500.zip) | | Use case for multiple video camera capturing for A/V Production | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.9 | | **noted** |  | |  |
| [**S4-210501**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210501.zip) | | Update on the Traffic Identification for 5-tuple identified streaming | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.8 | | **merged** | S4-210589 | |  |
| [**S4-210503**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210503.zip) | | Possible Deployment Options for EMSA Architecture | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.7 | | **revised** | S4-210633 | |  |
| [**S4-210511**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210511.zip) | | Discussion on the content aware streaming | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.8 | | **noted** |  | |  |
| [**S4-210515**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210515.zip) | | Discussion on the Edge Application Server Relocation based on the EMAS architecture | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.7 | | **revised** | S4-210623 | |  |
| [**S4-210517**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210517.zip) | | FS\_EMSA: Provisioning of edge-enabled functions | | Samsung Electronics Czech | |  | | 9.7 | | **noted** |  | |  |
| [**S4-210521**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210521.zip) | | Updated Key Issue 2: Review of existing xMB interface wrt Nx2 | | Ericsson LM | | Agreement | | 9.6 | | **revised** | S4-210638 | |  |
| [**S4-210522**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210522.zip) | | [FS\_5GMS-EXT] Key Topic Traffic Identification using ToS IP Header Field | | Ericsson LM | | Agreement | | 9.8 | | **merged** | S4-210589 | |  |
| [**S4-210523**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210523.zip) | | [FS\_5GMS-EXT] Collaboration scenario proposal for KI “per-application-authorization” | | Ericsson LM | | Agreement | | 9.8 | | **revised** | S4-210637 | |  |
| [**S4-210525**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210525.zip) | | Correction on Dynamic Policy parameters | | Ericsson LM | | Agreement | | 9.5 | | **revised** | S4-210615 | |  |
| [**S4-210528**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210528.zip) | | Overview of NMOS functionality | | BBC, Ericsson LM, EBU, Sennheiser | | Agreement | | 9.9 | | **noted** |  | |  |
| [**S4-210529**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210529.zip) | | Description of existing media protocols in media production | | EBU, Ericsson LM, BBC, Sennheiser | | Agreement | | 9.9 | | **revised** | S4-210641 | |  |
| [**S4-210530**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210530.zip) | | Description of camera media flows in a Multi-Camera production | | BBC, Ericsson LM, EBU, Sennheiser | | Agreement | | 9.9 | | **noted** |  | |  |
| [**S4-210537**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210537.zip) | | Key Topic Traffic Identification | | Qualcomm Incorporated | |  | | 9.8 | | **revised** | S4-210589 | |  |
| [**S4-210561**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210561.zip) | | [FS\_EMSA] Updates to call flows and new gap analysis | | Tencent | | Agreement | | 9.7 | | **revised** | S4-210624 | |  |
| [**S4-210574**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210574.zip) | | Updates to TR 26.803 | | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **revised** | S4-210625 | |  |
| [**S4-210575**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210575.zip) | | Gaps and conclusions for TR 26.803 | | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **revised** | S4-210626 | |  |
| [**S4-210578**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210578.zip) | | Split Rendering Use Case Walkthrough | | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **revised** | S4-210627 | |  |
| S4-210617 | pCR to TR 26.802 - on 5GS broadcast-multicast user service | | TELUS | |  | | 9.6 | | **revised** | | | S4-210588 |  |
| S4-210620 | Draft LS (to SA2) on App ID Usage in NEF Related Service API in Rel 17 | | Ericsson LM | | Agreement | | 9.5 | | **revised** | | | S4-210630 |  |
| S4-210621 | Interworking of DVB-MABR with 5MBS | | BBC | | Agreement | | 9.6 | | **noted** | | |  |  |
| S4-210623 | Discussion on the Edge Application Server Relocation based on the EMAS architecture | | HUAWEI Technologies Japan K.K. | | Agreement | | 9.7 | | **noted** | | |  |  |
| S4-210624 | [FS\_EMSA] Updates to call flows for EAS discovery | | Tencent | | Agreement | | 9.7 | | **revised** | | | S4-210631 |  |
| S4-210634 | [FS\_5GMS-EXT]: Content preparation topic: Call flows for collaboration scenarios | | Tencent | | Agreement | | 9.8 | | **revised** | | | S4-210640 |  |
| S4-210635 | [FS\_5GMS-EXT]: Uplink streaming topic: Call flows for collaboration scenarios | | Tencent | | Agreement | | 9.8 | | **noted** | | |  |  |
| S4-210639 | FS\_NPN4AVProd Time plan | | Rapporteur (Ericsson LM) | | Agreement | | 9.9 | | **revised** | | | S4-210642 |  |
| S4-210589 | Key Topic Traffic Identification | | Qualcomm Incorporated | |  | | 9.8 | | **Noted** | | |  |  |

## C.4 Other status than agreed documents (to be presented to SA4 plenary)

| **TDoc** | | **Title** | | **Source** | | **For** | | **SWG Agenda item** | | **TDoc Status** | **Revised to** | | **Plenary Agenda item** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**S4-210405**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210405.zip) | | Reply LS method for collection of data from the UE | | 3GPP SA3 | | Discussion | | 6.2 | | **Noted** |  | | 6.2 |
| [**S4-210407**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210407.zip) | | LS on hold and forward buffer support for VIAPA services | | 3GPP SA2 | | Action | | 6.2 | | **Replied to** |  | | 6.2 |
| [**S4-210414**](https://www.3gpp.org/ftp/TSG_SA/WG4_CODEC/TSGS4_113-e/Docs/S4-210414.zip) | | Reply LS on method for collection of data from the UE | | 3GPP SA2 | | Discussion | | 6.2 | | **Replied to** |  | | 6.2 |
| S4-210482 | | [FS\_5GMS\_EXT]: Proposed workplan update | | Tencent | | Agreement | | 9.8 | | available |  | | 18.8 |
| S4-210628 | Time plan for FS\_EMSA | | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **reserved** | | |  | 18.3 |
| S4-210629 | FS\_EMSA TR 26.803 vX.X.X | | QUALCOMM Europe Inc. - Italy | |  | | 9.7 | | **reserved** | | |  | 18.3 |
| S4-210632 | LS to SA2 on work split and broadcast-multicast user service | | TELUS | |  | | 9.6 | | **available** | | |  | 18.1 |
| S4-210644 | Draft Reply LS to SA2 on UE Data Collection | | Qualcomm Incorporated | | Discussion | | 9.3 | | **available** | | |  | 6.2 |
| S4-210588 | pCR to TR 26.802 - on 5GS broadcast-multicast user service | | TELUS | |  | | 9.6 | | **available** | | |  | 18.1 |
| S4-210590 | New WID on 5GMS AF Event Exposure | | QUALCOMM Europe Inc. - Italy | |  | | 9.10 | | **available** | | |  | 20 |
| S4-210591 | MBS SWG report at SA4#113-e | | SA4 MBS SWG Chair | |  | | - | | **reserved** | | |  | 14.2 |
| S4-210592 | Draft TR 26.802 v1.2.0 | | TELUS | |  | | - | | **reserved** | | |  | 18.1 |

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