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

**Title: 3GPP SA4 MBS SWG report at SA4#111-e**

**Document for: Approval**

**Agenda item: 13.2**

MBS SWG Minutes during SA4#111-e

## 8.1 Opening of the session

The MBS SWG email discussions started on Thursday 12 November at 06:15 CET.

|  |  |  |
| --- | --- | --- |
| [[8.1] Multicast-Broadcast-Streaming (MBS) SWG / Opening of the e-meeting](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=882) | Gabin, Frederic | Thu, 12 Nov 2020 05:14:47 +0000 |
| [[8.1] Multicast-Broadcast-Streaming (MBS) SWG / Opening of the e-meeting](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=1507) | Gabin, Frederic | Thu, 12 Nov 2020 05:18:07 +0000 |

MBS SWG Telcos are on:

* Friday 13 November 06:00-07:30 CET
* Monday 16 November 21:00-22:30 CET
* Tuesday 17 November 21:00-22:30 CET
* Wednesday 18 November 14:30-16:00 CET

Mr. Frédéric Gabin (Dolby, Chairman of MBS SWG) opens the telco sessions on 13 November at 06:00 CET.

This document was shared [online](https://docs.google.com/document/d/1-OnoOdQ5VHb_AVBWjfiDtWR80CaV6qvyNDibuDBIhdA/edit?usp=sharing).

Scribes:

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

Email discussion from here:

* <https://list.etsi.org/scripts/wa.exe?A1=ind2011B&L=3GPP_TSG_SA_WG4_MBS>
* <https://list.etsi.org/scripts/wa.exe?A1=ind2011C&L=3GPP_TSG_SA_WG4_MBS>

## 8.2 Registration of documents

The following documents were allocated at the start of the MBS online session, November 13, 2020

|  |  |  |
| --- | --- | --- |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |   |
| 8.1 | Opening of the session |   |
| 8.2 | Registration of documents |   |
| 8.3 | Reports/Liaisons from other groups/meetings | 1315, 1367, 1368, 1438, 1439 |
| 8.4 | Issues for immediate consideration |   |
| 8.5 | CRs to features in Release 16 and earlier | 1305, 1306, 1342, 1351->1495, 1353, 1359, 1360, 1363, 1365, 1366, 1383, 1408, 1429, 1432, 1433, 1434, 1435, 1436, 1437, 1440, 1452, 1474, 1476, 1486,  1380, 1381, 1382, ~~1304~~  |
| 8.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | 1384, 1385, 1386, 1387, 1427, 1441, 1443, 1469, 1470, 1493 ~~1426~~ |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | 1316, 1352, 1354, 1364, 1373, 1388, 1415, 1446, 1454, 1456, 1457, 1488, 1489 1310, 1311, 1312, 1313, 1314, 1355~~1424~~ |
| 8.8 | New Work / New Work Items and Study Items | 1375 |
| 8.9 | Others including TEI | 1356, 1358 |
| 8.10 | Review of the future work plan (next meeting dates, hosts) |   |
| 8.11 | Any Other Business |   |
| 8.12 | Close of the session |   |

The final Tdoc allocation after closing the MBS SWG is as follows

**Legend for Tdocs:**

* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, to be dealt with at closing plenary**
* a agreed, app approved, n noted, pa partially agreed, np not pursued, pp postponed…

|  |  |  |
| --- | --- | --- |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |  |
| 8.1 | Opening of the session |  |
| 8.2 | Registration of documents |  |
| 8.3 | Reports/Liaisons from other groups/meetings | 1460 (RAN3) -> MBS SWG reply in 1367->1576a, 1368n (NR QoE)1461 (SA2 / Data collection) -> MBS SWG reply in 1439->1571->1584app1463 (SA5 / QoE) -> MBS SWG -> reply in 1572->1600a1315n, 1438n1462 (SA2/ 5G MBS) -> MBS SWG reply in 1573->1586app1458 (ETSI JTC Broadcast) -> MBS SWG -> reply in 1601->1606a |
| 8.4 | Issues for immediate consideration |  |
| 8.5 | CRs to features in Release 16 and earlier | 26.501: 1351->1495a, 1353->1575a, 1359a, 1366a, 1429->1569->1582->1607a, 1578->1602a26.512: 1306->1577n, 1305a, 1342->1579->1608m, 1363m(->1581), 1365->1591n, 1408->1592->1622m (->1581), 1432m (->1581), 1433->1580a, 1434m (->1592), 1435->1593a, 1436->1594a, 1437->1596a, 1440->1597a, 1452->1595a, 1476->1590m (->1581), 1486a, all agreed and merged into 158126.346: 1360->1623a, 1383->1598->1605a26.234: 1474a1380n, 1381n, 1382n (late Tdocs)~~1304~~ |
| 8.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | Arch: 1385m, 1387m, 1427m, 1441m, 1470m (all ->1568) 1568->1583->1585a1574nHybrid: 1386aTR KIs: 1384a, 1469->1604n, 1493->1624nTR: 1626TP: 1443->1625~~1426~~ |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | TR: 1352->1587UC: 1354->1588n, 1388->1599n, 1454->1570->1589a, 1488n, 1489aEdge: 1364a, 1373n, 1415n, Arch.: 1316n, 1446a, 1456n, 1457n1310n, 1311n, 1312n, 1313n, 1314n, 1355n (late Tdocs)~~1424~~ |
| 8.8 | New Work / New Work Items and Study Items | 1375->16031430n (Traffic identification) |
| 8.9 | Others including TEI | 1356n (Exposure and other 5GMS3 Extensions) 1358n (Aligning M1 API with AF Event Exposure Service for Metrics Reporting) |
| 8.10 | Review of the future work plan (next meeting dates, hosts) |  |
| 8.11 | Any Other Business |  |
| 8.12 | Close of the session |  |
| 12 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) | 1460 (RAN3) -> MBS SWG reply in 1576a1461 (SA2 / Data collection) -> MBS SWG reply in 1584app1463 (SA5 / QoE) -> MBS SWG -> reply in 16001462 (SA2/ 5G MBS) -> MBS SWG reply in 1586app1458 (ETSI JTC Broadcast) -> MBS SWG -> reply in 1606 |
| 13 | Reports and general issues from sub-working-groups |  |
| 13.2 | MBS SWG | 1627, Tdoc status transfer |
| 14 | CRs to features in Release 16 and earlier | 26.501: 1495, 1575, 1359, 1366, 1607, 160226.346: 1623, 160526.512: 158126.234: 1474 |
| 15 | Release 17 Features |  |
| 15.7 | TEI17 and any other Rel-17 documents |  |
| 16 | Study Items |  |
| 16.1 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | 26.806: 1626TP: 1625 |
| 16.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | 26.803: 1587TP: xxxx |
| 17 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work |  |
| 18 | New Work / New Work Items and Study Items | 1603 (5GMS Rel-17 SID) |
| 19 | Postponed issues |  |
| 20 | Review of the future work plan (next meeting dates, hosts) |  |

## 8.3 Reports/Liaisons from other groups/meetings

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| [**S4-201460**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201460.zip) | New service type of NR QoE | 3GPP SA WG2 | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Gunnar Heikkilä , Ericsson**

**Discussion:**

* From RAN3.
* Related to 1367 (revised to 1576) and 1368.

**Decision:**

* [S4-201460](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201460.zip) to be replied in [S4-201576](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201576.zip)

[**S4-201460**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201460.zip) is replied.

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| [**S4-201367**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201367.zip) | [Draft] LS Reply on New service type of NR QoE | HUAWEI Technologies Japan K.K. | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Qi Pan, Huawei**

**Discussion:**

* Fred: Is there a definition of URLLC services?
	+ Gunnar : Not defined explicitly, just examples.
	+ Qi Pan: Maybe some definitions in SA1. Will check.
* Fred: Fix TDoc number and dates.
* Charles: Maybe make a softer response, e.g. SA4 has no URLLC work ongoing. Not identified any specific requirements at this time.
* Fred: Because we are working on XR, it could be mentioned as a service type of interest.

**Decision:**

* Work offline with Fred, Gunnar and Charles to revise the response.

[**S4-201367**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201367.zip) is revised to [S4-201576](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201576.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201576.zip)**576** | [Draft] LS Reply on New service type of NR QoE | HUAWEI Technologies Japan K.K. | 8.3 |

**E-mail Discussion:**

None triggered.

**Presenter: Qi Pan, Huawei**

**Discussion:**

* None

**Decision:**

* Delete “Draft” from title.
* Text agreed at MBS level.
* Jayeeta will fix the title after the closing plenary.
* To be dealt with at closing plenary

[**S4-201576**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201576.zip) is agreed.

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| [**S4-201368**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201368.zip) | Discussion on potential impact from SID NR QoE from RAN3 | HUAWEI Technologies Japan K.K. | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Qi Pan, Huawei**

**Discussion:**

* Response to RAN3 incoming LS 1460.
* Richard : Did you mention the QoE reporting methods from 5GMS (see reference 6)?
	+ Qi Pan: Yes - mentioned the RAN-based method only, which is relevant.
* Charles : About URLLC services, do you consider any services?
* Charles: Teleconferencing services like ITT4RT with low latency may exploit URLLC and might want to report metrics.
* Qi Pan: If we can find services that need low latency, we can reply that we have such things.

**Decision:**

* Document is noted

[**S4-201368**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201368.zip) is noted.

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| [**S4-201461**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201461.zip) | LS on method for collection of data from the UE | 3GPP SA WG2 | 8.3 |

**E-mail Discussion:**

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| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=609) | Richard Bradbury | Wed, 11 Nov 2020 18:13:48 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13326) | Gunnar Heikkilä | Thu, 12 Nov 2020 08:52:44 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=22166) | Xu Yang | Thu, 12 Nov 2020 13:14:23 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=48637) | Gunnar Heikkilä | Fri, 13 Nov 2020 06:25:50 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=65907) | Xu Yang | Fri, 13 Nov 2020 15:23:28 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=75703) | Gunnar Heikkilä | Fri, 13 Nov 2020 15:51:08 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=79840) | Richard Bradbury | Fri, 13 Nov 2020 19:02:39 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R29872) | Xu Yang | Mon, 16 Nov 2020 14:52:09 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R34732) | Gunnar Heikkilä | Mon, 16 Nov 2020 15:38:23 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R43720) | Gunnar Heikkilä | Mon, 16 Nov 2020 17:37:54 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R45177) | Charles Lo | Mon, 16 Nov 2020 17:53:49 +0000 |
| [[3GPP\_TSG\_SA\_WG4] [5.2; 1461; 12Nov 0700 CET] LS on method for collection of data from the UE (SA2) - for action](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R46249) | Gunnar Heikkilä | Mon, 16 Nov 2020 18:05:08 +0000 |

**Presenter: Gunnar, Ericsson**

**Discussion:**

* Related to 1439 (revised to 1571)

**Decision:**

* To be replied in [S4-201571](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201571.zip)

[**S4-201461**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201461.zip) is replied in [S4-201571](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201571.zip).

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| [**S4-201439**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201439.zip) | Draft LS reply on method for collection of data from the UE | Ericsson LM | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Gunnar Heikkilä, Ericsson**

**Discussion:**

* Gunnar: Don’t know if SA2 wants us to support both solutions, or just one.
* Yang Xu: Fine to use this as baseline. May be helpful to reply that the AF may be in both untrusted and trusted data network.
* Qi Pan: SA2 meeting next week they will discuss how AF can use IP address to find a specific UE. We can check some documents about this.
* Gunnar: SA2 wants an early response.
* Fred: Aim is to approve by Monday evening latest.

**Decision:**

* Agree to use as the basis of the LS [S4-201461](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201461.zip) reply.

[**S4-201439**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201439.zip) is revised to [S4-201571](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201571.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-20151.zip)**571** | Draft LS reply on method for collection of data from the UE | Ericsson LM | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Gunnar Heikkilä, Ericsson**

**Discussion:**

* Paul : 1st bullet, some letters are missing in “adaptions”
* Frédéric : 2nd bullet to be added in actions

**Decision:**

* [S4-201571](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201571.zip) revised to [S4-201584](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201584.zip) and [S4-201584](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201584.zip) is approved without presentation.

[**S4-201571**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201571.zip) is revised.

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201584.zip)**584** | Draft LS reply on method for collection of data from the UE | Ericsson LM | 8.3 |

**Decision:**

* [S4-201584](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201584.zip) is approved without presentation.
* To be dealt with at closing plenary

[**S4-201584**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201584.zip) is approved and is presented in SA4 plenary.

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| [**S4-201463**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201463.zip) | LS on QoE Measurement Collection | 3GPP SA WG5 | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Gunnar Heikkilä, Ericsson**

**Discussion:**

* Related to 1315 and 1438
* Gunnar: We have already implemented everything except for a temporary stop. We believe it should be done at RAN level. We need to repeat our previous response.

**Decision:**

* Gunnar will draft a response in [S4-201572](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201572.zip).

[**S4-201463**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201463.zip) is replied in [S4-201572](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201572.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201572.zip)**572** | DRAFT LS reply on QoE Measurement Collection (to SA5, RAN2 and RAN3) | Ericsson LM | 8.3 |

**E-mail Discussion:**

None triggered.

**Presenter: Gunnar Heikkila, Ericsson**

**Discussion:**

* Gunnar: Should we copy SA and RAN? (That’s quite a wide distribution.)

**Decision:**

* Keep SA and RAN copied because they were in the incoming LS.
* Fix typo: recordings -> reporting.
* Remove draft from title.
* To be revised, and goes to closing plenary.
* Jayeeta to fix future meeting dates after closing plenary?

[**S4-201572**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201572.zip) is revised to [S4-201600](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201600.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201600.zip)**600** | LS reply on QoE Measurement Collection | Ericsson LM | 8.3 |

**Decision:**

* [S4-201600](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201600.zip) is agreed and goes to closing plenary.

[**S4-201600**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201600.zip) is agreed.

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| [**S4-201315**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201315.zip) | Discussion on LSin from SA2 eNA Study | OPPO | 8.7 |

**E-mail Discussion:**

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| [comments to 1315 (from Oppo)](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R18027) | Thorsten Lohmar | Fri, 13 Nov 2020 05:46:14 +0000 |
| [comments to 1315 (from Oppo)](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R20042) | Xu Yang | Fri, 13 Nov 2020 06:29:45 +0000 |
| [comments to 1315 (from Oppo)](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R11013) | Thorsten Lohmar | Mon, 16 Nov 2020 08:10:06 +0000 |

**Presenter: Yang Xu, Oppo**

**Discussion:**

* Gunnar: If the 5GMS-Aware App uses APIs already defined, should be OK.
* Fred: Don’t we have AT commands defined now on the southbound for RAN-based metrics collection?
* Gunnar: Yes.
* Yang Xu: CT1 defines this in TS 27.007 to acquire IP address.
* Gunnar: What is meant by non-3GPP services? Can’t be precise in our response.
* Thorsten: Sent comments earlier, but maybe weren’t received. Some details of SA4 architecture need to be sorted out, although doesn’t affect response probably.
* Gunnar: Proposal agreeable.

**Decision:**

* Document is noted

[**S4-201315**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201315.zip) is noted.

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| [**S4-201438**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201438.zip) | Discussion on LS on method for collection of data from the UE | Ericsson LM | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Gunnar Heikkilä, Ericsson**

**Discussion:**

* Fred: They hope SA4 can do stage 3.
* Gunnar: SA2 talks about authentication, which 5GMS lacks generally.
* Gunnar: SA2 has an application identity which we don’t really have either in 5GMS.
* Gunnar: We configure this through Service Access Information, which configured not just metrics. Maybe we need to make metrics configuration more standalone.
* Gunnar: Discussion paper on AF exposure could also be relevant.
* Paul: Doesn’t SA3 provide tools for authentication?
* Imed: NAF event exposure (that we are proposing to use) already has a link to NWDAF for data collection. No need to duplicate.
* Imed: In Solution #27, AF seems to be collecting metrics from external application provider. Is that really needed? If provider wants to share it can do it differently. Are we going to add an interface to allow metrics to be collected?
* Gunnar: Charles advocated that.
* Imed: Will check with Charles.

**Decision:**

* Document is noted

[**S4-201438**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201438.zip) is noted.

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| [**S4-201462**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201462.zip) | LS on Service Layer aspects for 5G MBS | 3GPP SA WG2 | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Thomas Stockhammer, Qualcomm**

**Discussion:**

* SA2 will meet from Monday.
* Related to 1568

**Decision:**

* To be replied in [S4-201573](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201573.zip)

[**S4-201462**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201462.zip) is replied in [S4-201573](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201573.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201573.zip)**573** | Reply LS on Service Layer aspects for 5G MBS (to SA2) | Ericsson LM | 8.3 |

**E-mail Discussion:**

None triggered

**Presenter: Thorsten Lohmar, Ericsson**

**Discussion:**

* Frédéric : I did some modifications in “2. Actions”, some clarifications are required.
* Frédéric : We need to send the LS tonight.
* Thorsten : We should use “may invite” SA2 delegates to join meetings.
* Frédéric : We should indicate that SA4 proposes to specify the MBSF-U and MBSF-C functions and the Nmbsu interface with inputs from SA2, and ask SA2 if it is OK.
* Frédéric : [S4-201568](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip) has been revised, it should be replaced by [S4-201585](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201585.zip). In the text, just indicate “the attached Tdoc”.

**Decision:**

* To be revised to [S4-201586](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201586.zip), and [S4-201586](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201586.zip) is agreed without presentation.

[**S4-201573**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201573.zip) is revised to [S4-201586](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201586.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201586.zip)**586** | Reply LS on Service Layer aspects for 5G MBS | Ericsson LM | 8.3 |

**Decision:**

* [S4-201586](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201586.zip) is approved without presentation.
* To be dealt with at closing plenary

[**S4-201586**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201586.zip) is approved.

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| [**S4-201458**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201458.zip) | On ETSI TS 103 720 (5G Broadcast System for linear TV and radio services; LTE-based 5G terrestrial broadcast system) | JTC Broadcast | 8.3 |

**E-mail Discussion:**

None triggered.

**Presenter: Thomas Stockhammer, Qualcomm**

**Decision:**

* To be replied in [S4-201601](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201601.zip).

[**S4-201458**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201458.zip) is replied.

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| [**S4-201601**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201601.zip) | [Draft] Reply LS On ETSI TS 103 720 (5G Broadcast System for linear TV and radio services; LTE-based 5G terrestrial broadcast system) (to ETSI JTC Broadcast) | Qualcomm Incorporated | 8.3 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Discussion:**

* none

**Decision:**

* Text is agreeable.
* To be revised to [S4-201606](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201606.zip) for presentation at plenary.

[**S4-201601**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201601.zip) is revised to S4-1606.

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| [**S4-20160**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201351.zip)**6** | [Draft] Reply LS On ETSI TS 103 720 (5G Broadcast System for linear TV and radio services; LTE-based 5G terrestrial broadcast system) (to ETSI JTC Broadcast) | Qualcomm Incorporated | 8.3 |

**Decision:**

* [S4-201606](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201606.zip) is agreed and goes to the plenary.

[**S4-201606**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201606.zip) is agreed and presented to SA4 plenary.

## 8.4 Issues for immediate consideration

none

## 8.5 CRs to features in Release 16 and earlier

### 8.5.1 5GMSA

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| [**S4-201351**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201351.zip) | Corrections on Metrics | 3GPP MCC | 8.5 |

[**S4-201351**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201351.zip) is revised to [S4-201495](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201495.zip).

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| [**S4-201495**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201495.zip) | Corrections on Metrics | 3GPP MCC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1495; 13Nov 0500 CET] Corrections on Metrics - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=2433) | Gabin, Frederic | Thu, 12 Nov 2020 05:24:13 +0000 |
| [[8.5; 1495; 13Nov 0500 CET] Corrections on Metrics - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13959) | Gunnar Heikkilä | Thu, 12 Nov 2020 09:00:08 +0000 |
| [[8.5; 1495; 13Nov 0500 CET] Corrections on Metrics - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14769) | Gabin, Frederic | Thu, 12 Nov 2020 09:02:45 +0000 |
| [[8.5; 1495; 13Nov 0500 CET] Corrections on Metrics - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39183) | Charles Lo | Fri, 13 Nov 2020 04:20:09 +0000 |

**Decision:**

* Agreed via e-mail

[**S4-201495**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201495.zip) is agreed.

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| [**S4-201353**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201353.zip) | Corrections to align with TS 26.512 v16.0.0 | BBC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1353; 13Nov 0500 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=3020) | Gabin, Frederic | Thu, 12 Nov 2020 05:27:30 +0000 |
| [[8.5; 1353; 13Nov 0500 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=18041) | Thorsten Lohmar | Thu, 12 Nov 2020 09:56:48 +0000 |
| [[8.5; 1353; 13Nov 0500 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=23540) | Richard Bradbury | Thu, 12 Nov 2020 14:17:04 +0000 |
| [[8.5; 1353; 13Nov 0500 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=58148) | Richard Bradbury | Fri, 13 Nov 2020 12:25:57 +0000 |

**Decision:**

* To be revised in [S4-201575](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201575.zip)

[**S4-201353**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201353.zip) is revised in [S4-201575](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201575.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201575.zip)**575** | Corrections to align with TS 26.512 v16.0.0 | BBC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1353->1575; 16Nov 1400 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62641) | Gabin, Frederic | Fri, 13 Nov 2020 15:13:24 +0000 |
| [[8.5; 1353->1575; 16Nov 1400 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62641) | Richard Bradbury | Fri, 13 Nov 2020 15:23:58 +0000 |
| [[8.5; 1353->1575; 16Nov 1400 CET] Corrections to align with TS 26.512 - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R24699) | Gabin, Frederic | Mon, 16 Nov 2020 14:19:38 +0000 |

**Decision:**

* Agreed via e-mail.
* To be dealt with at closing plenary

[**S4-201575**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201575.zip) is agreed.

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| [**S4-201578**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201578.zip) | CR 26.501-0XXX rev0 Corrections and Clarifications on Metrics and Consumption Reporting (Rel-16) | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1578; 18Nov 1400 CET] CR 26.501 on Metrics and Consumption Reporting (Rel-16) - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=107644) | Gabin, Frederic | Tue, 17 Nov 2020 18:39:08 +0000 |
| [[8.5; 1578; 18Nov 1400 CET] CR 26.501 on Metrics and Consumption Reporting (Rel-16) - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=122539) | Richard Bradbury | Tue, 17 Nov 2020 19:04:36 +0000 |
| [[8.5; 1578; 18Nov 1400 CET] CR 26.501 on Metrics and Consumption Reporting (Rel-16) - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=125064) | Charles Lo | Tue, 17 Nov 2020 19:26:25 +0000 |
| [[8.5; 1578; 18Nov 1400 CET] CR 26.501 on Metrics and Consumption Reporting (Rel-16) - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=126021) | Richard Bradbury | Tue, 17 Nov 2020 19:35:30 +0000 |
| [[8.5; 1578; 18Nov 1400 CET] CR 26.501 on Metrics and Consumption Reporting (Rel-16) - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=126284) | Charles Lo | Tue, 17 Nov 2020 19:56:14 +0000 |

**Decision:**

* To be revised into [S4-201602](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201602.zip).
* Needs a CR number - send e-mail to Jayeeta.

[**S4-201578**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201578.zip) is revised to [S4-201602](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201602.zip).

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| [**S4-201602**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201602.zip) | CR 26.501-0XXX rev0 Corrections and Clarifications on Metrics and Consumption Reporting (Rel-16) | Qualcomm Incorporated | 8.5 |

**Decision:**

* [S4-201602](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201602.zip) is agreed without presentation.
* To be dealt with at closing plenary.

[**S4-201602**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201602.zip) is agreed.

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| [**S4-201359**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201359.zip) | Corrections and Clarifications on Network Assistance | Qualcomm Incorporated, Sony Europe B.V. | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1359; 13Nov 0500 CET] Corrections and Clarifications on Network Assistance - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=3966) | Gabin, Frederic | Thu, 12 Nov 2020 05:29:51 +0000 |
| [[8.5; 1359; 13Nov 0500 CET] Corrections and Clarifications on Network Assistance - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=40508) | Gabin, Frederic | Fri, 13 Nov 2020 04:36:24 +0000 |

**Decision:**

* Agreed via e-mail.
* To be dealt with at closing plenary

[**S4-201359**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201359.zip) is agreed.

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| [**S4-201366**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201366.zip) | Corrections on Metrics Configuration and Reporting via 5G control plane | HUAWEI Technologies Japan K.K. | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1366; 13Nov 0500 CET] Corrections on Metrics Configuration and Reporting via 5G control plane - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=4929) | Gabin, Frederic | Thu, 12 Nov 2020 05:33:25 +0000 |
| [[8.5; 1366; 13Nov 0500 CET] Corrections on Metrics Configuration and Reporting via 5G control plane - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39735) | Gabin, Frederic | Fri, 13 Nov 2020 04:34:25 +0000 |

**Decision:**

* Agreed via e-mail.
* To be dealt with at closing plenary

[**S4-201366**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201366.zip) is agreed.

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| [**S4-201429**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201429.zip) | Correction of Dynamic Policy Procedure | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R1723) | Gabin, Frederic | Thu, 12 Nov 2020 05:35:10 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R3893) | Richard Bradbury | Thu, 12 Nov 2020 09:44:42 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R17448) | Imed Bouazizi | Fri, 13 Nov 2020 05:23:19 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R25148) | Gabin, Frederic | Mon, 16 Nov 2020 14:21:06 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R33636) | Thorsten Lohmar | Mon, 16 Nov 2020 15:12:32 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R33914) | Gabin, Frederic | Mon, 16 Nov 2020 15:20:01 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R34375) | Thorsten Lohmar | Mon, 16 Nov 2020 15:33:39 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R129452) | Imed Bouazizi | Tue, 17 Nov 2020 20:41:08 +0000 |
| [[8.5; 1429; 13Nov 0500 CET] 26.501: Correction of Dynamic Policy Procedure - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R138591) | Thorsten Lohmar | Wed, 18 Nov 2020 09:37:40 +0000 |

**Decision:**

* To be revised in [S4-201569](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201569.zip)

[**S4-201429**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201429.zip) is revised to [S4-201569](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201569.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201569.zip)**569** | Correction of Dynamic Policy Procedure | Ericsson LM | 8.5 |

**E-mail Discussion:**

See [S4-201429](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201429.zip)

**Decision:**

* Revised as all comments from e-mail have not been taken into account.

[**S4-201569**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201569.zip) is revised to [S4-201582](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201582.zip)

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201582.zip)**582** | Correction of Dynamic Policy Procedure | Ericsson LM | 8.5 |

**Presenter: Thorsten Lohmar, Ericsson**

**Discussion:**

* Richard: Is it allowed to copy a term definition from another specification
* Imed : It is important to understand the definition of service data flow
* Thorsten : Should I remove this copy text on Service data flow?
* Frédéric : Let’s keep this definition there.
* Richard : “e.g.” and “to be policed” in table 4.2.3-3 in service data flow methods to be modified.

**Decision:**

* To be revised in a formal CR [S4-201607](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201607.zip), agreed without presentation

[**S4-201582**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201582.zip) is revised to [S4-201607](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201607.zip)

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201582.zip)**607** | CR to TS 26.501-XXXX Correction of Dynamic Policy Procedure (Rel-16) | Ericsson LM | 8.5 |

**Decision:**

* Formal CR [S4-201607](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201607.zip), agreed without presentation.
* To be dealt with at closing plenary

[**S4-201607**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201607.zip) is agreed.

### 8.5.2 5GMS3

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| [**S4-201306**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201306.zip) | TS 26.512 snags | BBC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1306; 16Nov 1400 CET] TS 26.512 snags -> for information](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=70258) | Gabin, Frederic | Fri, 13 Nov 2020 15:36:16 +0000 |
| [[8.5; 1306; 16Nov 1400 CET] TS 26.512 snags -> for information](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=77610) | Richard Bradbury | Fri, 13 Nov 2020 17:42:49 +0000 |
| [[8.5; 1306; 16Nov 1400 CET] TS 26.512 snags -> for information](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R22406) | Gabin, Frederic | Mon, 16 Nov 2020 14:06:49 +0000 |
| [[8.5; 1306->1577; 16Nov 1400 CET] TS 26.512 snags -> for information](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=179659) | Richard Bradbury | Wed, 18 Nov 2020 17:02:14 +0000 |

**Decision:**

* [S4-201306](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201306.zip) is revised to [S4-201577](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201577.zip)

[**S4-201306**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201306.zip) is revised.

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201577.zip)**577** | TS 26.512 snags | BBC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1577; 19Nov 1800 CET] TS 26.512 snags -> for information](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R160529) | Gabin, Frederic | Wed, 18 Nov 2020 20:52:24 +0000 |
| [[8.5; 1577; 19Nov 1800 CET] TS 26.512 snags -> for information](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R180951) | Gabin, Frederic | Thu, 19 Nov 2020 17:38:29 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201577**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201577.zip) is noted.

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| [**S4-201305**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201305.zip) | Editorial corrections to TS 26.512 | BBC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1305; 16Nov 1400 CET] Editorial corrections to TS 26.512 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=70782) | Gabin, Frederic | Fri, 13 Nov 2020 15:36:16 +0000 |
| [[8.5; 1305; 16Nov 1400 CET] Editorial corrections to TS 26.512 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=14060) | Gabin, Frederic | Mon, 16 Nov 2020 11:47:29 +0000 |

**Decision:**

* Agreed via e-mail

[**S4-201305**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201305.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201342**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201342.zip) | CR on AT Commands for RAN-based Network Assistance | QUALCOMM Europe Inc. - Italy | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1342; 16Nov 1400 CET] CR on AT Commands for RAN-based Network Assistances -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71323) | Gabin, Frederic | Fri, 13 Nov 2020 15:37:55 +0000 |
| [[8.5; 1342; 16Nov 1400 CET] CR on AT Commands for RAN-based Network Assistances -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=77833) | Richard Bradbury | Fri, 13 Nov 2020 17:57:08 +0000 |
| [[8.5; 1342; 16Nov 1400 CET] CR on AT Commands for RAN-based Network Assistances -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R2174) | Imed Bouazizi | Sun, 15 Nov 2020 19:34:25 +0000 |
| [[8.5; 1342; 16Nov 1400 CET] CR on AT Commands for RAN-based Network Assistances -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R15764) | Gabin, Frederic | Mon, 16 Nov 2020 11:52:41 +0000 |

**Decision:**

* To be revised to [S4-201579](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201579.zip)

[**S4-201342**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201342.zip) is revised to [S4-201579](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201579.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201579.zip)**579** | CR on AT Commands for RAN-based Network Assistance | QUALCOMM Europe Inc. - Italy | 8.5 |

**Decision:**

* [S4-201579](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201579.zip) is revised to [S4-201608](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201608.zip). [S4-201608](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201608.zip) will be merged with 1581.

[**S4-201579**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201579.zip) is revised to [S4-201608](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201608.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201579.zip)**608** | CR on AT Commands for RAN-based Network Assistance | QUALCOMM Europe Inc. - Italy | 8.5 |

**Decision:**

* [S4-201608](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201608.zip) is agreed and merged with 1581.

[**S4-201608**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201608.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201363**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201363.zip) | Additions and Modifications to M1 API on Metrics Reporting Configuration | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1363; 16Nov 1400 CET] TS 26.512: CR on M1 API on Metrics Reporting Configuration -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=72877) | Gabin, Frederic | Fri, 13 Nov 2020 15:42:21 +0000 |
| [[8.5; 1363; 16Nov 1400 CET] TS 26.512: CR on M1 API on Metrics Reporting Configuration -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=78091) | Richard Bradbury | Fri, 13 Nov 2020 18:10:25 +0000 |
| [[8.5; 1363; 16Nov 1400 CET] TS 26.512: CR on M1 API on Metrics Reporting Configuration -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21339) | Gabin, Frederic | Mon, 16 Nov 2020 14:02:46 +0000 |

**Discussion:**

* Issue with the cardinality of MetricsReportingConfiguration.metrics to be corrected.

**Decision:**

* Agreed
* To be merged with others draft CRs agreed in a formal CR in [S4-201581](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip)

[**S4-201363**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201363.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201365**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201365.zip) | Removal of Editor’s notes in 5GMS3 | HUAWEI Technologies Japan K.K. | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=73444) | Gabin, Frederic | Fri, 13 Nov 2020 15:43:45 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=78356) | Richard Bradbury | Fri, 13 Nov 2020 18:20:10 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=5147) | panqi (E) | Mon, 16 Nov 2020 02:52:38 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11047) | Thorsten Lohmar | Mon, 16 Nov 2020 09:20:54 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13789) | Richard Bradbury | Mon, 16 Nov 2020 10:51:05 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19537) | panqi (E) | Mon, 16 Nov 2020 12:43:40 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=26658) | Thorsten Lohmar | Mon, 16 Nov 2020 14:18:54 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=76827) | panqi (E) | Tue, 17 Nov 2020 11:32:19 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=92075) | Gabin, Frederic | Tue, 17 Nov 2020 17:58:17 +0000 |
| [[8.5; 1365; 16Nov 1400 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105356) | Richard Bradbury | Tue, 17 Nov 2020 18:29:00 +0000 |
| [[8.5; 1365; 16Nov 1400->1600 CET] TS 26.512: Removal of Editor’s notes in 5GMS3-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=22220) | Gabin, Frederic | Mon, 16 Nov 2020 14:05:56 +0000 |

**Decision:**

* Conclusion: 1365 is revised to 1591.
* Qi Pan, please upload 1591 based on r3.

[**S4-201365**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201365.zip) is revised to [**S4-201591**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201591.zip).

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| [**S4-201591**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201591.zip) | Removal of Editor’s notes in 5GMS3 | HUAWEI Technologies Japan K.K. | 8.5 |

**E-mail Discussion:**

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| [Comments / Questions to 1591](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R153645) | Thorsten Lohmar | Wed, 18 Nov 2020 15:06:08 +0000 |
| [Comments / Questions to 1591](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;6a4c00b3.2011c) | panqi (E) | Wed, 18 Nov 2020 16:31:08 +0000 |
| [Comments / Questions to 1591](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R159238) | Thorsten Lohmar | Wed, 18 Nov 2020 17:29:55 +0000 |
| [Comments / Questions to 1591](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R161114) | Gabin, Frederic | Wed, 18 Nov 2020 21:01:20 +0000 |
| [Comments / Questions to 1591](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R165034) | panqi (E) | Thu, 19 Nov 2020 08:10:15 +0000 |
| [Comments / Questions to 1591](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R174812) | Gabin, Frederic | Thu, 19 Nov 2020 15:49:19 +0000 |

**Presenter: Qi Pan, Huawei**

**Discussion:**

* Thorsten: More time is needed to study this. I would like to check it. Hopefully today.
* Frédéric: We can differ and have an email agreement. If I can trigger an email agreement tonight it will go to the plenary. We can merge this CR into your big CR on 26.512 [S4-201581](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

**Decision:**

* Noted by e-mail.

[**S4-201591**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201591.zip) is noted.

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| [**S4-201408**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201408.zip) | Text on Procedures for Uplink Streaming | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=74020) | Gabin, Frederic | Fri, 13 Nov 2020 15:45:49 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=78627) | Richard Bradbury | Fri, 13 Nov 2020 18:28:07 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=82382) | Charles Lo | Fri, 13 Nov 2020 19:48:04 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R2711) | Thorsten Lohmar | Sun, 15 Nov 2020 20:03:58 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R3476) | Charles Lo | Sun, 15 Nov 2020 23:17:29 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=13534)t | Richard Bradbury | Mon, 16 Nov 2020 10:16:09 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=16722) | Gabin, Frederic | Mon, 16 Nov 2020 11:54:30 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R22605) | Gabin, Frederic | Mon, 16 Nov 2020 14:09:55 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=50950)t | Charles Lo | Mon, 16 Nov 2020 17:01:25 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=52730)t | Richard Bradbury | Mon, 16 Nov 2020 17:14:25 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=53592)t | Charles Lo | Mon, 16 Nov 2020 17:28:51 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=55547)t | Richard Bradbury | Mon, 16 Nov 2020 17:46:04 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=61323)t | Thorsten Lohmar | Mon, 16 Nov 2020 18:51:00 +0000 |
| [[8.5; 1408; 16Nov 1400 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreemen](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=92823)t | Gabin, Frederic | Tue, 17 Nov 2020 17:59:48 +0000 |
| [[8.5; 1408; 16Nov 1400-<1900 CET] TS 26.512: Text on Procedures for Uplink Streaming-> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R130867) | Charles Lo | Tue, 17 Nov 2020 20:56:10 +0000 |

**Decision:**

* Conclusion: 1408 is revised to 1592
* Charles, please upload 1592 based on v2.

[**S4-201408**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201408.zip) is revised to [**S4-201592**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201592.zip).

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| [**S4-201592**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201592.zip) | Text on Procedures for Uplink Streaming | Qualcomm Incorporated | 8.5 |

**Presenter: Charles Lo, Qualcomm**

**Discussion:**

* Clause 5.2 from [S4-201434](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201434.zip) still missing.

**Decision:**

* To be revised in [S4-201622](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201622.zip)

[**S4-201592**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201592.zip) is revised to [S4-201622](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201622.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201622.zip)**622** | CR to TS 26.512 - 0006 on Procedures for Uplink Streaming | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [S4-201622](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201622.zip) | Charles Lo | Wed, 18 Nov 2020 14:56:05 +0000 |
| [S4-201622](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201622.zip) | Richard Bradbury | Wed, 18 Nov 2020 15:11:48 +0000 |
| [[8.5; 1622; 19Nov 1800 CET] CR to TS 26.501-0006 on Procedures for Uplink Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R162274) | Gabin, Frederic | Wed, 18 Nov 2020 21:05:44 +0000 |
| [[8.5; 1622; 19Nov 1800 CET] CR to TS 26.501-0006 on Procedures for Uplink Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R176112) | Gabin, Frederic | Thu, 19 Nov 2020 15:51:12 +0000 |
| [[8.5; 1622; 19Nov 1800 CET] CR to TS 26.501-0006 on Procedures for Uplink Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R176265) | Gabin, Frederic | Thu, 19 Nov 2020 15:56:07 +0000 |
| [[8.5; 1622; 19Nov 1800 CET] CR to TS 26.512 (not 26.501) -0006 on Procedures for Uplink Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R177195) | Gabin, Frederic | Thu, 19 Nov 2020 16:03:58 +0000 |
| [[8.5; 1622; 19Nov 1800 CET] CR to TS 26.512 (not 26.501) -0006 on Procedures for Uplink Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R178152) | Richard Bradbury | Thu, 19 Nov 2020 16:20:28 +0000 |
| [[8.5; 1622; 19Nov 1800 CET] CR to TS 26.512 (not 26.501) -0006 on Procedures for Uplink Streaming -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R181314) | Gabin, Frederic | Thu, 19 Nov 2020 17:39:09 +0000 |

**Decision:**

* Agreed by e-mail.

[**S4-201622**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201622.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201432**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201432.zip) | Cumulative corrections of 5GMS3 APIs | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=74577) | Gabin, Frederic | Fri, 13 Nov 2020 15:47:31 +0000 |
| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=79318) | Richard Bradbury | Fri, 13 Nov 2020 18:39:17 +0000 |
| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R14080) | Thorsten Lohmar | Mon, 16 Nov 2020 09:22:56 +0000 |
| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R15471) | Gabin, Frederic | Mon, 16 Nov 2020 11:50:15 +0000 |
| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R16836) | Gabin, Frederic | Mon, 16 Nov 2020 11:56:34 +0000 |
| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R17256) | Thorsten Lohmar | Mon, 16 Nov 2020 11:57:22 +0000 |
| [[8.5; 1432; 16Nov 1400 CET] TS 26.512: Cumulative corrections of 5GMS3 APIs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R23325) | Gabin, Frederic | Mon, 16 Nov 2020 14:16:08 +0000 |

**Discussion:**

* Agreed via e-mail

**Decision:**

* To be merged with others draft CRs agreed in a formal CR in [S4-201581](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip)

[**S4-201432**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201432.zip) is agreed and merged into [S4-201581](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201433**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201433.zip) | Correction of the missing SdfMethod type definition | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=75132) | Gabin, Frederic | Fri, 13 Nov 2020 15:49:31 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=79571) | Richard Bradbury | Fri, 13 Nov 2020 18:45:27 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R3212) | Imed Bouazizi | Sun, 15 Nov 2020 20:59:14 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R5390) | panqi (E) | Mon, 16 Nov 2020 04:15:38 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R12491) | Thorsten Lohmar | Mon, 16 Nov 2020 09:06:20 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R13376) | Thorsten Lohmar | Mon, 16 Nov 2020 09:07:58 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R14369) | Thorsten Lohmar | Mon, 16 Nov 2020 09:28:37 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R23772) | Gabin, Frederic | Mon, 16 Nov 2020 14:18:47 +0000 |
| [[8.5; 1433; 16Nov 1400 CET] TS 26.512: Correction of the missing SdfMethod type definition -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R47509) | Thorsten Lohmar | Mon, 16 Nov 2020 18:38:48 +0000 |

**Decision:**

* To be revised to [S4-201580](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201580.zip)

[**S4-201433**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201433.zip) is revised to [S4-201580](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201580.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201480.zip)**580** | Correction of the missing SdfMethod type definition | Ericsson LM | 8.5 |

**Presenter: Thorsten Lohmar, Ericsson**

**Discussion:**

* Frédéric : 11.2.3.2, a s is needed in SdfMethods

**Decision:**

* [S4-201580](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201580.zip) is agreed. The editor will manage the typo and add it to the cumulative CR.

[**S4-201580**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201580.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201434**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201434.zip) | Correction of the missing “relevant uplink streaming API” table | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=32983) | Gabin, Frederic | Mon, 16 Nov 2020 14:45:31 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=42012) | Richard Bradbury | Mon, 16 Nov 2020 15:01:37 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=93957) | Gabin, Frederic | Tue, 17 Nov 2020 18:02:05 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105628) | Richard Bradbury | Tue, 17 Nov 2020 18:33:19 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=106731) | Gabin, Frederic | Tue, 17 Nov 2020 18:35:53 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=114020) | Richard Bradbury | Tue, 17 Nov 2020 18:47:59 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=127909) | Thorsten Lohmar | Tue, 17 Nov 2020 19:58:19 +0000 |
| [[8.5; 1434; 17Nov 1400 CET] Correction of the missing “relevant uplink streaming API” table -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=134419) | Gabin, Frederic | Tue, 17 Nov 2020 20:46:46 +0000 |

**Decision:**

* Conclusion: 1434 is noted.
* Clause 5.2 from this contribution to be added by Charles when revising his 1408 into 1592.

[**S4-201434**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201434.zip) is agreed and merged into [**S4-201592**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201592.zip).

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| [**S4-201435**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201435.zip) | Correction of the missing CRUD operation notation | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1435; 17Nov 1400 CET] Correction of the missing CRUD operation notation -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34048) | Gabin, Frederic | Mon, 16 Nov 2020 14:46:48 +0000 |
| [[8.5; 1435; 17Nov 1400 CET] Correction of the missing CRUD operation notation -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=44875) | Richard Bradbury | Mon, 16 Nov 2020 15:33:01 +0000 |
| [[8.5; 1435; 17Nov 1400 CET] Correction of the missing CRUD operation notation -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=94789) | Gabin, Frederic | Tue, 17 Nov 2020 18:04:11 +0000 |

**Decision:**

* Conclusion: 1435 is revised to 1593.
* Thorsten please upload 1593.

[**S4-201435**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201435.zip) is revised to [**S4-201593**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201593.zip).

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| [**S4-201593**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201593.zip) | Correction of the missing CRUD operation notation | Ericsson LM | 8.5 |

**Discussion:**

* None

**Decision:**

* [S4-201593](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201593.zip) is agreed.

[**S4-201593**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201593.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201436**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201436.zip) | Correction of the MediaPlayerEntry cardinality in the Service Access Information resource | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1436; 17Nov 1400 CET] Correction of the MediaPlayerEntry cardinality in the Service Access Information resource -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=35014) | Gabin, Frederic | Mon, 16 Nov 2020 14:48:31 +0000 |
| [[8.5; 1436; 17Nov 1400 CET] Correction of the MediaPlayerEntry cardinality in the Service Access Information resource -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=56628) | Richard Bradbury | Mon, 16 Nov 2020 18:03:00 +0000 |
| [[8.5; 1436; 17Nov 1400 CET] Correction of the MediaPlayerEntry cardinality in the Service Access Information resource -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=59377) | Thorsten Lohmar | Mon, 16 Nov 2020 18:41:30 +0000 |
| [[8.5; 1436; 17Nov 1400 CET] Correction of the MediaPlayerEntry cardinality in the Service Access Information resource -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=60444) | Thorsten Lohmar | Mon, 16 Nov 2020 18:43:38 +0000 |
| [[8.5; 1436; 17Nov 1400 CET] Correction of the MediaPlayerEntry cardinality in the Service Access Information resource -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=95880) | Gabin, Frederic | Tue, 17 Nov 2020 18:06:05 +0000 |
| [[8.5; 1436; 17Nov 1400 CET] Correction of the MediaPlayerEntry cardinality in the Service Access Information resource -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R137901) | Thorsten Lohmar | Wed, 18 Nov 2020 09:09:54 +0000 |

**Decision:**

* Conclusion: 1436 is revised to 1594 and 1594 is agreed.
* Thorsten, please upload 1594 based on the agreeable revision below.

[**S4-201436**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201436.zip) is revised to [S4-201594](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201594.zip).

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| [**S4-201594**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201594.zip) | Correction of the MediaPlayerEntry cardinality in the Service Access Information resource | Ericsson LM | 8.5 |

[**S4-201594**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201594.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201437**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201437.zip) | Correction of the Service Access Information subresource (URL) | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36021) | Gabin, Frederic | Mon, 16 Nov 2020 14:49:48 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=48056) | Richard Bradbury | Mon, 16 Nov 2020 15:53:17 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62952) | Thorsten Lohmar | Mon, 16 Nov 2020 19:08:09 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=83914) | Richard Bradbury | Tue, 17 Nov 2020 13:35:54 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=84421) | Thorsten Lohmar | Tue, 17 Nov 2020 13:55:21 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=86339) | Richard Bradbury | Tue, 17 Nov 2020 14:14:56 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=86609) | Gunnar Heikkilä | Tue, 17 Nov 2020 14:33:10 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=89061) | Richard Bradbury | Tue, 17 Nov 2020 16:29:57 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=96701) | Gabin, Frederic | Tue, 17 Nov 2020 18:09:51 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R135507) | Thorsten Lohmar | Wed, 18 Nov 2020 07:57:38 +0000 |
| [[8.5; 1437; 17Nov 1400 CET] Correction of the Service Access Information subresource (URL) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R139842) | Richard Bradbury | Wed, 18 Nov 2020 12:05:43 +0000 |

**Decision:**

* [S4-201437](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201437.zip) is revised to [S4-201596](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201596.zip). [S4-201596](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201596.zip) is agreed without presentation.

[**S4-201437**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201437.zip) is revised to [S4-201596](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201596.zip).

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| [**S4-201596**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201596.zip) | Correction of the Service Access Information subresource (URL) | Ericsson LM | 8.5 |

[**S4-201596**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201596.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201440**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201440.zip) | OpenAPI Implementation of M5 (yaml files) | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=38176) | Gabin, Frederic | Mon, 16 Nov 2020 14:56:21 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=48909) | Richard Bradbury | Mon, 16 Nov 2020 15:58:29 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=62281) | Thorsten Lohmar | Mon, 16 Nov 2020 19:02:16 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=65639) | Richard Bradbury | Mon, 16 Nov 2020 20:41:15 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=97545) | Gabin, Frederic | Tue, 17 Nov 2020 18:12:46 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=98269) | Gabin, Frederic | Tue, 17 Nov 2020 18:13:34 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R138976) | Thorsten Lohmar | Wed, 18 Nov 2020 09:49:55 +0000 |
| [[8.5; 1440; 17Nov 1400 CET] OpenAPI Implementation of M5 (yaml files) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R142635) | Richard Bradbury | Wed, 18 Nov 2020 12:40:40 +0000 |

**Discussion:**

* Thomas : Why not one annex for OpenAPI?
* Thorsten : Good, I can update the document.

**Decision:**

* To be revised to [S4-201597](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201597.zip)

[**S4-201440**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201440.zip) is revised to [S4-201597](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201597.zip).

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| [**S4-201597**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201597.zip) | OpenAPI Implementation of M5 (yaml files) | Ericsson LM | 8.5 |

**E-mail Discussion:**

See [S4-201440](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201440.zip)

**Presenter: Thorsten Lohmar, Ericsson**

**Discussion:**

* Richard: Do we have a reference [X] for Open API 3.0.0?
* Frédéric: No, to be modified.

**Decision:**

* [S4-201597](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201597.zip) is agreed, the editor will add the missing reference.

[**S4-201597**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201597.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201452**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201452.zip) | Update on consumption reporting | ENENSYS, BBC | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1452; 17Nov 1400 CET] Update on consumption reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=39134) | Gabin, Frederic | Mon, 16 Nov 2020 14:58:17 +0000 |
| [[8.5; 1452; 17Nov 1400 CET] Update on consumption reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=57682) | Richard Bradbury | Mon, 16 Nov 2020 18:31:33 +0000 |
| [[8.5; 1452; 17Nov 1400 CET] Update on consumption reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=73400) | Cedric THIENOT | Tue, 17 Nov 2020 11:48:24 +0100 |
| [[8.5; 1452; 17Nov 1400 CET] Update on consumption reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=84184) | Richard Bradbury | Tue, 17 Nov 2020 13:45:01 +0000 |
| [[8.5; 1452; 17Nov 1400 CET] Update on consumption reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=99336) | Gabin, Frederic | Tue, 17 Nov 2020 18:15:58 +0000 |
| [[8.5; 1452; 17Nov 1400 CET] Update on consumption reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=104334) | Cedric THIENOT | Tue, 17 Nov 2020 19:28:14 +0100 |

**Decision:**

* Conclusion: 1452 is revised to 1595.
* Cédric, please upload 1595.

[**S4-201452**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201452.zip) is revised to [S4-201595](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201595.zip).

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| [**S4-201595**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201595.zip) | Update on consumption reporting | ENENSYS, BBC | 8.5 |

**Presenter: Cédric Thiénot, Enensys**

**Discussion:**

* Thorsten: Incorporation into 1581?
* Yes.
* Thorsten: Can we check the enumeration when I incorporate?
* Yes.

**Decision:**

* Thorsten to make editorial corrections to enumeration as necessary when incorporating.

[**S4-201595**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201595.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201476**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201476.zip) | Bug Fixes on Metrics Reporting Functionality | Ericsson LM, Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R30991) | Gabin, Frederic | Mon, 16 Nov 2020 14:59:29 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R35861) | Gunnar Heikkilä | Mon, 16 Nov 2020 15:46:43 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R36144) | Charles Lo | Mon, 16 Nov 2020 15:55:35 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R38856) | Richard Bradbury | Mon, 16 Nov 2020 16:03:09 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R38952) | Gunnar Heikkilä | Mon, 16 Nov 2020 16:19:17 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R66676) | Gunnar Heikkilä | Tue, 17 Nov 2020 11:49:15 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R67167) | Gabin, Frederic | Tue, 17 Nov 2020 12:12:31 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R67800) | Gunnar Heikkilä | Tue, 17 Nov 2020 12:56:45 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R78702) | Richard Bradbury | Tue, 17 Nov 2020 13:57:01 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=89332) | Charles Lo | Tue, 17 Nov 2020 16:37:19 +0000 |
| [[8.5; 1476; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=90984) | Gunnar Heikkilä | Tue, 17 Nov 2020 16:39:40 +0000 |
| [[8.5; 1476->1590; 17Nov 1400 CET] Bug Fixes on Metrics Reporting Functionality -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=100078) | Gabin, Frederic | Tue, 17 Nov 2020 18:17:48 +0000 |

**Discussion:**

* Some minor bugs in this CR :
	+ Wrong (red) text color in the first clause.
	+ Grammar and wording corrections in the first clause.
* To be revised

**Decision:**

* To be revised in [S4-201590](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201590.zip)

[**S4-201476**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201476.zip) is revised to [S4-201590](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201590.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201590.zip)**590** | Bug Fixes on Metrics Reporting Functionality | Ericsson LM, Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

See [S4-201476](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201476.zip)

**Decision:**

* Conclusion: 1590 is agreed and merged.

[**S4-201590**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201590.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201486**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201486.zip) | dCR 26.512-xxxx AF-based Network Assistance (Rel-16) | Sony Europe B.V., Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1486; 17Nov 1400 CET] dCR 26.512-xxxx AF-based Network Assistance (Rel-16) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=41043) | Gabin, Frederic | Mon, 16 Nov 2020 15:00:41 +0000 |
| [[8.5; 1486; 17Nov 1400 CET] dCR 26.512-xxxx AF-based Network Assistance (Rel-16) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=57919) | Richard Bradbury | Mon, 16 Nov 2020 18:36:39 +0000 |
| [[8.5; 1486; 17Nov 1400 CET] dCR 26.512-xxxx AF-based Network Assistance (Rel-16) -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=101209) | Gabin, Frederic | Tue, 17 Nov 2020 18:19:03 +0000 |

**Decision:**

* 1486 is agreed with a note that the response type is instead inserted into clause 6.4.3 so that it can be reused in the future.

[**S4-201486**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201486.zip) is agreed and merged into [**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201486.zip)**581** | Cumulative corrections of 5GMS3 | Ericsson LM | 8.5 |

**E-mail Discussion:**

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| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R168059) | Thorsten Lohmar | Thu, 19 Nov 2020 11:03:09 +0000 |
| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R168308) | Szucs, Paul | Thu, 19 Nov 2020 12:28:59 +0000 |
| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R168981) | Richard Bradbury | Thu, 19 Nov 2020 12:31:35 +0000 |
| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R169118) | Thorsten Lohmar | Thu, 19 Nov 2020 12:38:39 +0000 |
| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R171122) | Thorsten Lohmar | Thu, 19 Nov 2020 13:51:36 +0000 |
| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R171413) | Cedric THIENOT | Thu, 19 Nov 2020 15:18:28 +0100 |
| [1581 - dCRs for 26.512](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R177621) | Richard Bradbury | Thu, 19 Nov 2020 16:14:55 +0000 |
| [CR on Cumulative corrections of 5GMS3 to 26.512 (1581)](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R180777) | Thorsten Lohmar | Thu, 19 Nov 2020 17:28:55 +0000 |
| [CR on Cumulative corrections of 5GMS3 to 26.512 (1581)](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R180777) | Richard Bradbury | Thu, 19 Nov 2020 18:30:33 +0000 |

**Decision:**

* To be dealt with at closing plenary.

[**S4-201581**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201581.zip) is forwarded to SA4 plenary.

### 8.5.3 TEI-16

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| [**S4-201360**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201360.zip) | Correction on Subcarrier Spacing in USD for ROM Service Delivery | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=30976) | Gabin, Frederic | Mon, 16 Nov 2020 14:34:41 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=74307) | Thorsten Lohmar | Tue, 17 Nov 2020 10:49:36 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=101972) | Gabin, Frederic | Tue, 17 Nov 2020 18:20:14 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=105928) | Charles Lo | Tue, 17 Nov 2020 18:35:33 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=122802) | Charles Lo | Tue, 17 Nov 2020 19:06:23 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=123633) | Charles Lo | Tue, 17 Nov 2020 19:15:19 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=128865) | Charles Lo | Tue, 17 Nov 2020 20:33:37 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=130008) | Thorsten Lohmar | Tue, 17 Nov 2020 20:35:32 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=130844) | Charles Lo | Tue, 17 Nov 2020 20:38:28 +0000 |
| [[8.5; 1360; 17Nov 1400 CET] CR to TS 26.346 Correction on Subcarrier Spacing in USD for ROM Service Delivery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=133436) | Thorsten Lohmar | Tue, 17 Nov 2020 20:41:53 +0000 |

**Presenter: Charles Lo, Qualcomm**

**Discussion:**

* Charles: Saw Thorsten’s comments and uploaded a v2 that addresses them.
* Thorsten: Error on cover sheet. Should be TS 36.211.
* Charles: Already caught it.

**Decision:**

* To be revised to [S4-201623](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201623.zip) according to the v3 in the draft folder.

[**S4-201360**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201360.zip) is revised to [S4-201623](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201623.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201623.zip)**623** | Correction on Subcarrier Spacing in USD for ROM Service Delivery | Qualcomm Incorporated | 8.5 |

**Decision:**

* Agreed
* To be dealt with at closing plenary

[**S4-201623**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201623.zip) is agreed.

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| [**S4-201383**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201383.zip) | Feature Request for 5G Broadcast | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31974) | Gabin, Frederic | Mon, 16 Nov 2020 14:42:18 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=63946) | Peng Tan | Mon, 16 Nov 2020 20:13:24 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=64703) | Thomas Stockhammer | Mon, 16 Nov 2020 20:16:32 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66746) | Peng Tan | Mon, 16 Nov 2020 21:17:39 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=69033) | Thomas Stockhammer | Mon, 16 Nov 2020 21:39:35 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=72747) | Thorsten Lohmar | Tue, 17 Nov 2020 10:36:26 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=76139) | Thomas Stockhammer | Tue, 17 Nov 2020 11:33:27 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=80169) | Thorsten Lohmar | Tue, 17 Nov 2020 13:14:30 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=81075) | Thomas Stockhammer | Tue, 17 Nov 2020 13:19:55 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=82073) | Thorsten Lohmar | Tue, 17 Nov 2020 13:22:36 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=82954) | Thomas Stockhammer | Tue, 17 Nov 2020 13:26:46 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=87338) | Peng Tan | Tue, 17 Nov 2020 14:39:57 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=88108) | Thomas Stockhammer | Tue, 17 Nov 2020 14:56:53 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=91835) | Richard Bradbury | Tue, 17 Nov 2020 17:28:16 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=102756) | Peng Tan | Tue, 17 Nov 2020 18:21:53 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=103463) | Gabin, Frederic | Tue, 17 Nov 2020 18:24:47 +0000 |
| [[8.5; 1383; 17Nov 1400 CET] Feature Request for 5G Broadcast -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=131829) | Gabin, Frederic | Tue, 17 Nov 2020 20:38:24 +0000 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Discussion:**

* 3 options from e-mail discussion. Company preferences noted below.
	+ Option A (Qualcomm’s proposal): BBC, Qualcomm, Dolby, Ericsson, Enensys

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| --- | --- | --- |
| Service for LTE-based 5G Broadcast Base Receiver | Service capability as defined in ETSI TS 103 720 [X], clause 10.2. | 27 |
| Service for LTE-based 5G Broadcast Main Receiver | Service capability as defined in ETSI TS 103 720 [X], clause 10.3. | 28 |

* + Option B (Telus proposal): Telus

|  |  |  |
| --- | --- | --- |
| ETSI TS 103 720 JTC Broadcast Service Base Receiver | Service capability as defined in clause 10.2 | 27 |
| ETSI TS 103 720 JTC Broadcast Service Main Receiver | Service capability as defined in clause 10.3 | 28 |

* + Option C (BBC compromise proposal): Telus

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| --- | --- | --- |
| Service for ETSI TS 103 720 Base Receiver | Service capability as defined in ETSI TS 103 720 [X], clause 10.2. | 27 |
| Service for ETSI TS 103 720 Main Receiver | Service capability as defined in ETSI TS 103 720 [X], clause 10.3. | 28 |

* Thorsten: Ericsson happier with Option A with addition of explanatory table note referencing TR 36.976 that defines “LTE-based 5G broadcast”.
* Peng objects to Option A, even with explanatory table note.
* Thomas: TR 36.976 is not a study, but an informative description.
* Peng: Isn’t TR 36.976 an LTE specification, not a 5G specification?
* [Fred downloads TR 36.976 and verifies that it is a 5G specification.]
* [Fred distributes three options to reflector to stimulate further offline discussion.]

**Decision:**

* Further offline discussion needed, plus a revision.

[**S4-201383**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201383.zip) is revised to [S4-201598](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201598.zip).

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| [**S4-201598**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201598.zip) | Feature Request for 5G Broadcast | Qualcomm Incorporated | 8.5 |

**E-mail Discussion:**

See [S4-201383](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201383.zip)

**Presenter: Thomas Stockammer, Qualcomm**

**Discussion:**

* Added reference to TR 36.976 for definition of LTE-based 5G broadcast.
* Note this is a TR not a TS. Will be fixed in conversion to formal CR.

**Decision:**

* To be revised to [S4-201605](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201605.zip) for CR conversion and corrections.
* [S4-201605](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201605.zip) agreed without presentation and go to plenary.

[**S4-201598**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201598.zip) is revised to [S4-201605](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201605.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201598.zip)**605** | CR to TS 26.346-XXXX Feature Request for 5G Broadcast (Rel-16) | Qualcomm Incorporated | 8.5 |

**Decision:**

* [S4-201605](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201605.zip) agreed without presentation and goes to the plenary.

[**S4-201605**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201605.zip) is agreed.

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| [**S4-201474**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201474.zip) | Correction of reference to UAProf | Dolby Laboratories Inc. | 8.5 |

**E-mail Discussion:**

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| [[8.5; 1474; 13Nov 0500 CET] 26.234: Correction of reference to UAProf - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=6622) | Gabin, Frederic | Thu, 12 Nov 2020 05:59:01 +0000 |
| [[8.5; 1474; 13Nov 0500 CET] 26.234: Correction of reference to UAProf - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=41371) | Gabin, Frederic | Fri, 13 Nov 2020 04:39:31 +0000 |

**Decision:**

* Agreed via e-mail.
* To be dealt with at closing plenary

[**S4-201474**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201474.zip) is agreed.

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| [**S4-201380**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201380.zip) | Proposed Corrections to TS 26.511 | Qualcomm Incorporated | 8.5 |

**Decision:**

* Late Tdocs, noted

[**S4-201380**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201380.zip) is noted.

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| [**S4-201381**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201381.zip) | Proposed Corrections to TS 26.512 | Qualcomm Incorporated | 8.5 |

**Decision:**

* withdrawn

[**S4-201381**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201381.zip) is withdrawn.

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| [**S4-201382**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201382.zip) | Proposed Updates to Client APIs | Qualcomm Incorporated | 8.5 |

**Decision:**

* Late Tdocs, noted

[**S4-201382**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201382.zip) is withdrawn.

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

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| [**S4-201385**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip) | [FS\_5GMS\_Multicast] Proposed architecture based on discussion with SA2 | Qualcomm Incorporated | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=15650) | Gabin, Frederic | Thu, 12 Nov 2020 09:19:45 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19864) | Richard Bradbury | Thu, 12 Nov 2020 10:32:54 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=24916) | Thorsten Lohmar | Thu, 12 Nov 2020 15:51:48 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=26741) | Peng Tan | Thu, 12 Nov 2020 16:56:27 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29330) | Richard Bradbury | Thu, 12 Nov 2020 18:18:26 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=32320) | Thorsten Lohmar | Thu, 12 Nov 2020 21:12:14 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=33894) | Thomas Stockhammer | Thu, 12 Nov 2020 21:18:25 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36153) | Thomas Stockhammer | Thu, 12 Nov 2020 22:09:17 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=36977) | Peng Tan | Thu, 12 Nov 2020 23:48:16 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=37532) | panqi (E) | Fri, 13 Nov 2020 01:59:49 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R21761) | Richard Bradbury | Fri, 13 Nov 2020 07:52:22 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R22503) | Thomas Stockhammer | Fri, 13 Nov 2020 08:16:14 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=108612) | Gabin, Frederic | Tue, 17 Nov 2020 18:41:59 +0000 |
| [[8.6; 1385, 1387, 1427, 1441, 1470; 13Nov 0500 CET] FS\_5GMS\_Multicast: General discussion on Architecture](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=118314) | Thomas Stockhammer | Tue, 17 Nov 2020 18:55:59 +0000 |

**Decision:**

* To be merged into [S4-201568](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip).

[**S4-201385**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip) is merged.

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| [**S4-201387**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201387.zip) | [FS\_5GMS\_Multicast] Interworking with EPC | Qualcomm Incorporated | 8.6 |

**E-mail Discussion:**

See [S4-201385](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip)

**Decision:**

* To be merged into [S4-201568](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip).

[**S4-201387**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201387.zip) is merged.

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| [**S4-201427**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201427.zip) | Discussion for Multicast architecture based on 5GMSA and 5MBS | HUAWEI Technologies Japan K.K. | 8.6 |

**E-mail Discussion:**

See [S4-201385](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip)

**Decision:**

* To be merged into [S4-201568](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip).

[**S4-201427**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201427.zip) is merged.

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| [**S4-201441**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201441.zip) | 5MBS Deployment Discussion | Ericsson LM | 8.6 |

**E-mail Discussion:**

See [S4-201385](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip)

**Decision:**

* To be merged into [S4-201568](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip).

[**S4-201441**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201441.zip) is merged.

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| [**S4-201470**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201470.zip) | [FS\_5GMS\_Multicast] Scenarios and key issues for 5G MS multicast ingestion and distribution | TELUS | 8.6 |

**E-mail Discussion:**

See [S4-201385](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip)

**Decision:**

* To be merged into [S4-201568](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip).

[**S4-201470**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201470.zip) is merged.

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| [**S4-201568**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip) | Summary of a 5MBS offline Discussion | Ericsson. Qualcomm, BBC | 8.6 |

**E-mail Discussion:**

None triggered

**Presenter: Thorsten Lohmar, Ericsson**

**Discussion:**

* Qi Pan (by e-mail) suggests asking SA2 to complete their architecture quickly.
* Fred: Aim to complete the LS by the end of Monday.
* Qi Pan: We can’t tell SA2 to follow an SBA design for the interface. We can phrase this as a question to SA2.
* Thorsten: Believes SA2 is making wrong choices for some APIs. H.248 protocol is more elaborated than N4. Yes, can phrase this as a question in the LS response.
* Fred: Would you include a diagram in the LS response?
* Thomas: Yes. We should do this, but a diagram we want to use as a basis. Maybe two or three different options.
* Peng: MBFS Control/User plane models are optional, but in Richard’s diagram they are mandatory.
* Thomas: Not optional, but out of SA2 scope. It is not optional for 5GMS work.
* Richard: My diagram is just one possible instantiation of the SA2 abstract architecture. Solid lines indicate needed interfaces in that particular instantiation.
* Thorsten: SA2 LS is not limited to 5GMS A.
* Thorsten: Need to consider interworking with LTE Broadcast.
* Thorsten: MB2-U tunnel could be more generic, as one ingest option. Not unique to this Use Case; can be used generically.
* Cédric: MBSF-C excluded from SA4?
* Thomas: We are not yet clear if MBSF-C is needed at all. If it is needed, it would be SA4. Need more detailed call flows to answer this question. LS response needs additionally to ask SA2 what functions the MBSF-C needs to have.

**Decision:**

* Thorsten will use this contribution as the basis of the LS response in [S4-201583](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201583.zip).
* To be extended by using 4.6 and 4.7.
* Thorsten will organise an offline call at 15:00 UTC (16:00 CET) on Friday, 13th November for further discussion.
* Another offline call on Monday to discuss a clear way forward document and use this as the basis of the draft LS response.

[**S4-201568**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201568.zip) is revised to [S4-201583](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201583.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201583.zip)**583** | Summary of a 5MBS offline Discussion | Ericsson. Qualcomm, BBC | 8.6 |

**E-mail Discussion:**

None triggered

**Presenter: Thorsten Lohmar, Ericsson**

**Discussion:**

* Cédric : You don’t expect any changes in M5?
	+ Thomas : The architecture doesn’t have M5. Extensions will be in our control.
	+ Cédric : OK, I’m fine.
	+ Thorsten : Effectively, we will expect modifications to M5 and M4.
* Thomas : we have to fix the SYNC, as no SYNC in Rel-17 at least.
* Qi Pan : Is Nmbsu should follow SBA? There is no agreement, I think we should delete this.
	+ Frédéric : Do we have a preference?
	+ Richard : SA2 agrees with SA4 viewpoint.
	+ Qi Pan : I am OK but SA4 has to take the decision for SA2.
	+ Frédéric : This is the summary of an offline discussion, not SA4 opinion. I don’t know what the proposal is.
	+ Thorsten : Yes, this are offline discussions that concluded the preference for Nmbsu follow SBA
	+ James : “be” to be removed in 8.b.
	+ Férdéric : OK, I rephrase 8.b for Qi Pan approval. Is it OK now?
	+ Qi Pan : OK
	+ Thorsten : the idea was to attach this document to the answer.
	+ Frédéric : Not a good idea.
	+ Thorsten : OK
	+ Frédéric : Intentions have to be expressed.
	+ Thomas : Don’t challenge the entire document, let’s focus on clauses 2, 3 and 4 in the reply to SA2.
* Enensys, Telus, Huawei, Oppo and AT&T would like to co-sign

**Decision:**

* To be revised to [S4-201585](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201585.zip) agreed without approval.

[**S4-201583**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201583.zip) is revised to [S4-201585](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201585.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201585.zip)**585** | Summary of a 5MBS offline Discussion | Ericsson. Qualcomm, BBC | 8.6 |

[**S4-201585**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201585.zip) is agreed.

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| [**S4-201386**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201386.zip) | [FS\_5GMS\_Multicast] Hybrid use case | Qualcomm Incorporated | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1386; 18Nov 1400 CET] [FS\_5GMS\_Multicast] Hybrid use case -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=109384) | Gabin, Frederic | Tue, 17 Nov 2020 18:43:37 +0000 |
| [[8.6; 1386; 18Nov 1400 CET][FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=110333) | Gabin, Frederic | Tue, 17 Nov 2020 18:45:09 +0000 |
| [[8.6; 1386; 18Nov 1400 CET][FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R146634&X=O53274F3823A63C0780&Y=julien.lemotheux%40orange.com) | Gabin, Frederic | Wed, 18 Nov 2020 13:20:27 +0000 |

**Decision:**

* Agreed by e-mail

[**S4-201386**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201386.zip) is agreed.

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| [**S4-201384**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201384.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1384; 18Nov 1400 CET][FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=111308) | Gabin, Frederic | Tue, 17 Nov 2020 18:45:53 +0000 |
| [[8.6; 1384; 18Nov 1400 CET][FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R147076) | Gabin, Frederic | Wed, 18 Nov 2020 13:21:09 +0000 |

**Decision:**

* Agreed by e-mail

[**S4-201384**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201384.zip) is agreed.

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| [**S4-201469**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201469.zip) | pCR to TR26.802 on related multicast and broadcast work in 3GPP | TELUS, Huawei | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=113042) | Gabin, Frederic | Tue, 17 Nov 2020 18:47:03 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=124793) | Richard Bradbury | Tue, 17 Nov 2020 19:23:45 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=127134) | Peng Tan | Tue, 17 Nov 2020 19:56:34 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=136026) | Peng Tan | Tue, 17 Nov 2020 21:27:35 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=138129) | Richard Bradbury | Tue, 17 Nov 2020 22:19:25 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R144061) | Peng Tan | Wed, 18 Nov 2020 13:08:31 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R147235) | Gabin, Frederic | Wed, 18 Nov 2020 13:22:33 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R151561) | Peng Tan | Wed, 18 Nov 2020 14:14:54 +0000 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R149445) | Cedric THIENOT | Wed, 18 Nov 2020 14:27:21 +0100 |
| [[8.6; 1469; 18Nov 1400 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R173590) | Peng Tan | Thu, 19 Nov 2020 15:11:31 +0000 |

**Decision:**

* Revised by e-mail to [S4-201604](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201604.zip)

[**S4-201469**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201469.zip) is revised to [S4-201604](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201604.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201604.zip)**604** | pCR to TR26.802 on related multicast and broadcast work in 3GPP | TELUS, Huawei | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=186502) | Gabin, Frederic | Wed, 18 Nov 2020 21:14:57 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=200103) | Julien Lemotheux | Thu, 19 Nov 2020 08:24:20 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R169534) | Thomas Stockhammer | Thu, 19 Nov 2020 12:51:34 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R172015) | Peng Tan | Thu, 19 Nov 2020 14:59:53 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;3c3788fe.2011c) | Peng Tan | Thu, 19 Nov 2020 15:01:40 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R173002) | Thomas Stockhammer | Thu, 19 Nov 2020 15:06:27 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R174037) | Peng Tan | Thu, 19 Nov 2020 15:48:08 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R176455) | Thomas Stockhammer | Thu, 19 Nov 2020 16:00:18 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;91c68826.2011c) | Richard Bradbury | Thu, 19 Nov 2020 16:23:52 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R178330) | Richard Bradbury | Thu, 19 Nov 2020 16:33:39 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R178467) | Peng Tan  | Thu, 19 Nov 2020 16:57:15 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;91c68826.2011c) | Gabin, Frederic | Thu, 19 Nov 2020 17:50:29 +0000 |
| [[8.6; 1604; 19Nov 1800 CET] pCR to TR26.802 on related multicast and broadcast work in 3GPP -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;91c68826.2011c) | Peng Tan | Thu, 19 Nov 2020 18:55:29 +0000 |

**Discussion:**

* Frédéric : There has been a lot of good comments and revisions but we’re now out of time and can not run another MBS SWG email agreement process on a revision prior to closing plenary. Therefore I suggest we note the Tdoc and continue the discussion during an upcoming telco.

**Decision:**

* Conclusion: 1604 is noted.

[**S4-201604**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201604.zip) is noted.

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| [**S4-201493**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201493.zip) | pCR 26.802 Multicast distribution in private networks | Sony Europe B.V. | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=114320) | Gabin, Frederic | Tue, 17 Nov 2020 18:48:20 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=145004) | Thorsten Lohmar | Wed, 18 Nov 2020 08:49:14 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=154086) | Thomas Stockhammer | Wed, 18 Nov 2020 12:44:47 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R143132) | Richard Bradbury | Wed, 18 Nov 2020 12:49:39 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R146768) | Szucs, Paul | Wed, 18 Nov 2020 13:20:33 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R147625) | Gabin, Frederic | Wed, 18 Nov 2020 13:23:12 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R147958) | Thomas Stockhammer | Wed, 18 Nov 2020 13:23:59 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R150657) | Thorsten Lohmar | Wed, 18 Nov 2020 13:33:18 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R151196) | Peng Tan | Wed, 18 Nov 2020 13:52:19 +0000 |
| [[8.6; 1493; 18Nov 1400 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R153837) | Thomas Stockhammer | Wed, 18 Nov 2020 15:06:37 +0000 |

**Presenter: Paul Szucs, Sony**

**Discussion:**

* Richard: Use of term “Non-Public Network”.
* Thomas: It’s interesting, but is it different? If NPN, it is predominantly an issue for SA2. SA2 has discussed NPN. Different identifiers for TMGI.
* Paul: Prime user a private operator. Will follow up and study SA2 aspects. This is still a valid issue to study in the SA4 study. If it’s easier, could remove the private network aspect because it is not essential to the Use Case.
* Thorsten: Don’t refer to NPN. Check with SA2 if NPN includes multicast. Keep this Key Issue, but add editor’s note that it may not be supported by SA2 architecture. Can we send another LS to SA2 asking them for clarification? Maybe we should start a list of additional questions to SA2. Also the possibility of using a private DNN.
* Thomas: Can we define private network?
* Paul: OK, I have missed.
* Peng: I prefer “local MBS service”, a well-defined key issue in SA2.
* Paul: Good to learn about what SA2 is up to. This mode of distributing content is valid, independent of whether it’s private or not.
* Peng: Key point is to limit the service area (e.g. to cover a shopping mall) not the fact that it’s a private network.
* Thomas: NPN and local MBS are different issues. Both can be studied, but this contribution isn’t clear. Could be resolved offline.

**Decision:**

* To be resolved offline and revised to [S4-201624](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201624.zip).

[**S4-201493**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201493.zip) is revised to [S4-201624](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201624.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201624.zip)**624** | pCR 26.802 Multicast distribution in private networks | Sony Europe B.V. | 8.6 |

**E-mail Discussion:**

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| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=187548) | Gabin, Frederic | Wed, 18 Nov 2020 21:27:48 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R170157) | Thomas Stockhammer | Thu, 19 Nov 2020 13:37:56 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R179360) | Szucs, Paul | Thu, 19 Nov 2020 17:00:31 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R180199) | Richard Bradbury | Thu, 19 Nov 2020 17:19:55 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R182784) | Gabin, Frederic | Thu, 19 Nov 2020 17:52:05 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R184219) | Thomas Stockhammer | Thu, 19 Nov 2020 17:58:13 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R185892) | Thomas Stockhammer | Thu, 19 Nov 2020 18:03:14 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R170157) | Peng Tan | Thu, 19 Nov 2020 18:43:55 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R187772) | Thomas Stockhammer | Thu, 19 Nov 2020 18:49:36 +0000 |
| [[8.6; 1624; 19Nov 1800 CET] pCR 26.802 Multicast distribution in private networks -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R188685) | Gabin, Frederic | Thu, 19 Nov 2020 18:51:33 +0000 |

**Discussion:**

* Frédéric: There has been a lot of good comments and revisions but we’re now out of time and cannot run another MBS SWG email agreement process on a revision prior to closing plenary. Therefore I suggest we note the Tdoc and continue the discussion during an upcoming telco.

**Decision:**

* Conclusion: 1624 is noted.

[**S4-201624**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201624.zip) is noted.

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201624.zip)**626** | Draft TR 26.802 v0.1.0 5G Multimedia Streaming (5GMS); Multicast architecture | Editor (TELUS) | 8.6 |

**Decision:**

* To be dealt with at closing plenary

[**S4-201626**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201626.zip) is forwarded to SA plenary.

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| [**S4-201443**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201443.zip) | Updated time and work plan FS\_5GMS\_Multicast | TELUS | 8.6 |

**Presenter: Peng Tan, Telus**

**Discussion:**

* Frédéric: We have only 3 or 4 telco for 5GMS\_multicast, EMSA or maintenance. Let’s plan the telco for FS\_5GMS\_multicast and others groups, it would be 1h calls.
* Frédéric: We should be strict on Rel-17 stage 2 freeze in June. FS\_5GMS\_Multicast should have version 2.0 in March.

**Decision:**

* To be revised in [S4-201625](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201625.zip).

[**S4-201443**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201443.zip) is revised to [S4-201625](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201625.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201625.zip)**625** | Updated time and work plan FS\_5GMS\_Multicast | TELUS | 8.6 |

**Decision:**

* To be dealt with at closing plenary

[**S4-201625**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201625.zip) is sent to SA4 plenary.

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

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| [**S4-201352**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201352.zip) | [EMSA] Updated TR 26.803 | QUALCOMM Europe Inc. - Italy | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1352; 13Nov 0500 CET] FS\_EMSA TR 26.803 0.3.0 - for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=7574) | Gabin, Frederic | Thu, 12 Nov 2020 06:26:46 +0000 |
| [[8.7; 1352; 13Nov 0500 CET] FS\_EMSA TR 26.803 0.3.0 - for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29597) | Iraj Sodagar | Thu, 12 Nov 2020 20:27:53 +0000 |
| [[8.7; 1352; 13Nov 0500 CET] FS\_EMSA TR 26.803 0.3.0 - for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R34345) | Imed Bouazizi | Fri, 13 Nov 2020 13:55:29 +0000 |
| [[8.7; 1352; 13Nov 0500 CET] FS\_EMSA TR 26.803 0.3.0 - for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R35498) | Gabin, Frederic | Fri, 13 Nov 2020 15:16:22 +0000 |
| [[8.7; 1352; 13Nov 0500 CET] FS\_EMSA TR 26.803 0.3.0 - for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R45761) | Imed Bouazizi | Fri, 13 Nov 2020 16:29:44 +0000 |
| [[8.7; 1352; 13Nov 0500 CET] FS\_EMSA TR 26.803 0.3.0 - for agreement as basis for further work](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R47649) | Iraj Sodagar | Fri, 13 Nov 2020 19:18:03 +0000 |

**Decision:**

* To be revised to [S4-201587](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201587.zip)

[**S4-201352**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201352.zip) is revised to [S4-201587](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201587.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201587.zip)**587** | [EMSA] Updated TR 26.803 | QUALCOMM Europe Inc. - Italy | 8.7 |

**Decision:**

* To be dealt with at closing plenary

[**S4-201587**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201587.zip) is sent to SA4 plenary.

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| [**S4-201354**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201354.zip) | EMSA Use Case Walkthroughs | QUALCOMM Europe Inc. - Italy | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=8560) | Gabin, Frederic | Thu, 12 Nov 2020 06:31:52 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=17808) | Richard Bradbury | Thu, 12 Nov 2020 09:53:56 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=19139) | Thorsten Lohmar | Thu, 12 Nov 2020 10:19:45 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=31626) | Iraj Sodagar | Thu, 12 Nov 2020 21:08:19 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R22281) | Richard Bradbury | Fri, 13 Nov 2020 08:14:57 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R33611) | Imed Bouazizi | Fri, 13 Nov 2020 13:17:52 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R33781) | Imed Bouazizi | Fri, 13 Nov 2020 13:32:15 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R34022) | Imed Bouazizi | Fri, 13 Nov 2020 13:36:59 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R35693) | Gabin, Frederic | Fri, 13 Nov 2020 15:18:10 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R46015) | Imed Bouazizi | Fri, 13 Nov 2020 16:30:41 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R48003) | Iraj Sodagar | Fri, 13 Nov 2020 19:21:04 +0000 |
| [[8.7; 1354; 13Nov 0500 CET] FS\_EMSA Use Case Walkthroughs - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R48294) | Iraj Sodagar | Fri, 13 Nov 2020 19:42:37 +0000 |

**Decision:**

* To be revised to [S4-201588](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201588.zip)

[**S4-201354**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201354.zip) is revised to [S4-201588](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201588.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201588.zip)**588** | EMSA Use Case Walkthroughs | QUALCOMM Europe Inc. - Italy | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=188583) | Gabin, Frederic | Wed, 18 Nov 2020 21:33:36 +0000 |
| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=195682) | Iraj Sodagar | Thu, 19 Nov 2020 05:49:15 +0000 |
| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=201595) | Richard Bradbury | Thu, 19 Nov 2020 09:50:06 +0000 |
| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R167269) | Thomas Stockhammer | Thu, 19 Nov 2020 10:08:24 +0000 |
| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R177429) | Imed Bouazizi | Thu, 19 Nov 2020 16:13:29 +0000 |
| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R183550) | Gabin, Frederic | Thu, 19 Nov 2020 17:55:53 +0000 |
| [[8.7; 1588; 19Nov 1800 CET] EMSA Use Case Walkthroughs -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R185396) | Imed Bouazizi | Thu, 19 Nov 2020 17:59:34 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201588**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201588.zip) is noted.

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| [**S4-201388**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201388.zip) | [FS\_EMSA] Betting on the edge | Qualcomm Incorporated | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=9500) | Gabin, Frederic | Thu, 12 Nov 2020 06:33:32 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=16950) | Szucs, Paul | Thu, 12 Nov 2020 09:22:47 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20131) | Richard Bradbury | Thu, 12 Nov 2020 10:49:34 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20371) | Thomas Stockhammer | Thu, 12 Nov 2020 10:59:19 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=21375) | Thomas Stockhammer | Thu, 12 Nov 2020 11:07:41 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=23780) | Richard Bradbury | Thu, 12 Nov 2020 14:30:56 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=24021) | Thomas Stockhammer | Thu, 12 Nov 2020 14:36:23 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=25927) | Szucs, Paul | Thu, 12 Nov 2020 16:51:19 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=28657) | Thomas Stockhammer | Thu, 12 Nov 2020 18:06:27 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R35975) | Gabin, Frederic  | Fri, 13 Nov 2020 15:20:35 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R37791) | Thomas Stockhammer | Fri, 13 Nov 2020 15:27:56 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R38776) | Gabin, Frederic | Fri, 13 Nov 2020 15:29:55 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R56308) | Thomas Stockhammer | Mon, 16 Nov 2020 21:22:58 +0000 |
| [[8.7; 1388; 13Nov 0500 CET] FS\_EMSA Use Case Betting on the edge - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=115287) | Gabin, Frederic | Tue, 17 Nov 2020 18:49:34 +0000 |

**Presenter: Thomas Stockhammer, Qualcomm**

**Discussion:**

* Thomas has prepared a revision to emphasise the distribute key distribution.

**Decision:**

* Thomas to talk offline to Paul.
* To be revised in [S4-201599](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201599.zip)

[**S4-201388**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201388.zip) is revised to [S4-201599](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201599.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201599.zip)**599** | [FS\_EMSA] Betting on the edge | Qualcomm Incorporated | 8.7 |

**Decision:**

* To be managed offline on [S4-201603](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201603.zip).

[**S4-201599**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201599.zip) is noted.

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| [**S4-201454**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201454.zip) | FS\_EMSA: Update on the Edge Caching for Video Streaming use case | KPN N.V. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1454; 13Nov 0500 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R2283) | Gabin, Frederic | Thu, 12 Nov 2020 06:35:13 +0000 |
| [[8.7; 1454; 13Nov 0500 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R4229) | Richard Bradbury | Thu, 12 Nov 2020 10:02:17 +0000 |
| [[8.7; 1454; 13Nov 0500 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R7936) | Thomas, E.D.R. (Emmanuel) | Thu, 12 Nov 2020 17:29:07 +0000 |
| [[8.7; 1454; 13Nov 0500 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R11574) | Thomas Stockhammer | Thu, 12 Nov 2020 21:48:59 +0000 |
| [[8.7; 1454; 13Nov 0500 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R16808) | Gabin, Frederic | Fri, 13 Nov 2020 04:45:57 +0000 |
| [[8.7; 1454; 13Nov 0500 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R30498) | Richard Bradbury | Fri, 13 Nov 2020 10:43:47 +0000 |

**Decision:**

* Revised to [S4-201570](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201570.zip) by e-mail.

[**S4-201454**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201454.zip)is revised to [S4-201570](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201570.zip).

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| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201454.zip)**570** | FS\_EMSA: Update on the Edge Caching for Video Streaming use case | KPN N.V. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=66893) | Gabin, Frederic | Fri, 13 Nov 2020 15:26:40 +0000 |
| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=71882) | Thomas Stockhammer | Fri, 13 Nov 2020 15:37:55 +0000 |
| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=20398) | Shiferaw, Y.W. (Yonatan) | Mon, 16 Nov 2020 14:01:36 +0000 |
| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=29512) | Gabin, Frederic | Mon, 16 Nov 2020 14:28:45 +0000 |
| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=65887) | Thomas Stockhammer | Mon, 16 Nov 2020 20:51:48 +0000 |
| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=85549) | Shiferaw, Y.W. (Yonatan) | Tue, 17 Nov 2020 13:57:57 +0000 |
| [[8.7; 1454->1570 ; 16Nov 1400 CET] FS\_EMSA: Update on the Edge Caching for Video Streaming use case - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=90074) | Shiferaw, Y.W. (Yonatan) | Tue, 17 Nov 2020 16:37:44 +0000 |

**Presenter: Yonatan Shiferaw, KPN**

**Discussion:**

* Thomas : I am confused on the “CDN optimization”. I am confused on mixing CDN and Edge.
* Richard : We all agree to include this use case because this is a real world use case. But this use case won’t really impact the Edge.
* James : I am with Thomas, especially on the last bullet in potential technical requirements.
* Emmanuel : No problem to remove this last bullet.
* James : Fine if this bullet is removed.

**Decision:**

* To be revised to [S4-201589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201589.zip). [S4-201589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201589.zip) is agreed without presentation.

[**S4-201570**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201570.zip) is revised to [S4-201589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201589.zip).

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| [**S4-2015**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201589.zip)**89** | FS\_EMSA: Update on the Edge Caching for Video Streaming use case | KPN N.V. | 8.7 |

**Decision:**

* [S4-201589](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201589.zip) is agreed without presentation.

[**S4-201589**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201589.zip) is agreed.

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| [**S4-201488**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201488.zip) | pCR 26.803 Signage system | Sony Europe B.V. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=11423) | Gabin, Frederic | Thu, 12 Nov 2020 06:36:39 +0000 |
| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=34667) | Thomas Stockhammer | Thu, 12 Nov 2020 21:33:28 +0000 |
| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R25337) | Szucs, Paul | Fri, 13 Nov 2020 10:11:29 +0000 |
| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R27645) | Thomas Stockhammer | Fri, 13 Nov 2020 10:23:15 +0000 |
| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&P=R39756) | Gabin, Frederic | Fri, 13 Nov 2020 15:30:35 +0000 |
| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R17669) | Szucs, Paul | Mon, 16 Nov 2020 12:23:29 +0000 |
| [[8.7; 1488; 13Nov 0500 CET] FS\_EMSA pCR 26.803 Signage system - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R28581) | Gabin, Frederic | Mon, 16 Nov 2020 14:30:49 +0000 |

**Decision:**

* Noted by e-mail.
* Editor of TS 26.803 is invited to consider the comment on clause 5 structure.

[**S4-201488**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201488.zip) is noted.

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| [**S4-201489**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201489.zip) | pCR 26.803 User-generated live streaming | Sony Corporation | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1489; 13Nov 0500 CET] FS\_EMSA pCR 26.803 User-generated live streaming - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=12367) | Gabin, Frederic | Thu, 12 Nov 2020 06:37:45 +0000 |
| [[8.7; 1489; 13Nov 0500 CET] FS\_EMSA pCR 26.803 User-generated live streaming - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=30217) | Iraj Sodagar | Thu, 12 Nov 2020 20:31:43 +0000 |
| [[8.7; 1489; 13Nov 0500 CET] FS\_EMSA pCR 26.803 User-generated live streaming - for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011B&L=3GPP_TSG_SA_WG4_MBS&O=D&P=43021) | Gabin, Frederic | Fri, 13 Nov 2020 04:47:12 +0000 |

**Decision:**

* Agreed via e-mail

[**S4-201489**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201489.zip) is agreed.

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| [**S4-201364**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201364.zip) | Overview of concluded edge application server discovery solutions in SA2 | HUAWEI Technologies Japan K.K. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=119204) | Gabin, Frederic | Tue, 17 Nov 2020 18:57:11 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=150185) | Richard Bradbury | Wed, 18 Nov 2020 11:23:02 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=150465) | Richard Bradbury | Wed, 18 Nov 2020 11:34:09 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R148368) | Gabin, Frederic | Wed, 18 Nov 2020 13:24:24 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R153278) | panqi (E) | Wed, 18 Nov 2020 14:21:04 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R154934) | Richard Bradbury | Wed, 18 Nov 2020 15:20:58 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=189591) | Gabin, Frederic | Wed, 18 Nov 2020 21:37:27 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R154934) | panqi (E) | Thu, 19 Nov 2020 06:24:55 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=201829) | Richard Bradbury | Thu, 19 Nov 2020 10:08:19 +0000 |
| [[8.7; 1364; 18Nov 1400 CET] Overview of concluded edge application server discovery solutions in SA2 -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=202980) | panqi (E) | Thu, 19 Nov 2020 10:31:19 +0000 |

**Decision:**

* Agreed with the added editor’s note.

[**S4-201364**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201364.zip) is agreed.

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| [**S4-201373**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201373.zip) | FS\_EMSA: SA5 EAS management TR status and discussion | Tencent | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=120191) | Gabin, Frederic | Tue, 17 Nov 2020 18:58:39 +0000 |
| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=140452) | Iraj Sodagar | Wed, 18 Nov 2020 07:30:30 +0000 |
| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R148548) | Gabin, Frederic | Wed, 18 Nov 2020 13:27:12 +0000 |
| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=140185) | Hyun-Koo Yang | Wed, 18 Nov 2020 15:52:29 +0900 |
| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R152047) | Hyun-Koo Yang | Wed, 18 Nov 2020 23:19:30 +0900 |
| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R155230) | Iraj Sodagar | Wed, 18 Nov 2020 16:24:58 +0000 |
| [[8.7; 1373; 18Nov 1400 CET] FS\_EMSA: SA5 EAS management TR status and discussion -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=3GPP_TSG_SA_WG4_MBS;25205a1e.2011c) | Gabin, Frederic | Wed, 18 Nov 2020 16:48:08 +0000 |

**Discussion:**

* Yang: I can not agree to add the section 2 of this contribution to the TR for FS\_EMSA with just correcting typo. It describes a particular potential solution as a whole of TR 28.814 and it can cause a serious misunderstaing to the readers. Since TR 28.814 is at the very early stage, I suggest to have more time to improve the contribution and disuss it at the telco for FS\_EMSA
* Iraj: I suggest deferring this document to the next EMSA telco.

**Decision:**

* Conclusion: 1373 is noted.

[**S4-201373**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201373.zip) is noted.

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| [**S4-201415**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201415.zip) | FS\_EMSA: On EAS discovery | Samsung R&D Institute UK | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1415; 18Nov 1400 CET] FS\_EMSA: On EAS discovery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=121157) | Gabin, Frederic | Tue, 17 Nov 2020 18:59:46 +0000 |
| [[8.7; 1415; 18Nov 1400 CET] FS\_EMSA: On EAS discovery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R139555) | Richard Bradbury | Wed, 18 Nov 2020 11:49:18 +0000 |
| [[8.7; 1415; 18Nov 1400 CET] FS\_EMSA: On EAS discovery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R149883) | Gabin, Frederic | Wed, 18 Nov 2020 13:27:56 +0000 |
| [[8.7; 1415; 18Nov 1400 CET] FS\_EMSA: On EAS discovery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R142058) | Sungryeul Rhyu | Wed, 18 Nov 2020 21:29:45 +0900 |
| [[8.7; 1415; 18Nov 1400 CET] FS\_EMSA: On EAS discovery -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R162947) | Gabin, Frederic | Wed, 18 Nov 2020 21:39:38 +0000 |

**Decision:**

* Conclusion: [S4-201415](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201415.zip) is noted. As suggested, more time is needed. Let’s take this during one of our next telcos.

[**S4-201415**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201415.zip) is noted.

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| [**S4-201316**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201316.zip) | Potential Architecture Extension for AI Model Downloading | OPPO | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1316; 19Nov 1800 CET] FS\_EMSA Potential Architecture Extension for AI Model Downloading -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R163444) | Gabin, Frederic | Wed, 18 Nov 2020 21:41:24 +0000 |
| [[8.7; 1316; 19Nov 1800 CET] FS\_EMSA Potential Architecture Extension for AI Model Downloading -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R164389) | Iraj Sodagar | Thu, 19 Nov 2020 06:01:15 +0000 |
| [[8.7; 1316; 19Nov 1800 CET] FS\_EMSA Potential Architecture Extension for AI Model Downloading -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R166505) | panqi (E) | Thu, 19 Nov 2020 09:39:07 +0000 |
| [[8.7; 1316; 19Nov 1800 CET] FS\_EMSA Potential Architecture Extension for AI Model Downloading -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R177953) | Imed Bouazizi | Thu, 19 Nov 2020 16:20:03 +0000 |
| [[8.7; 1316; 19Nov 1800 CET] FS\_EMSA Potential Architecture Extension for AI Model Downloading -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R183803) | Gabin, Frederic | Thu, 19 Nov 2020 17:57:14 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201316**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201316.zip) is noted.

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| [**S4-201446**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201446.zip) | FS\_EMSA: Update and correction in Overview of Relevant Architectures | KPN N.V. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1446; 19Nov 1800 CET] FS\_EMSA: Update and correction in Overview of Relevant Architectures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R163556) | Gabin, Frederic | Wed, 18 Nov 2020 21:42:45 +0000 |
| [[8.7; 1446; 19Nov 1800 CET] FS\_EMSA: Update and correction in Overview of Relevant Architectures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R171039) | Richard Bradbury | Thu, 19 Nov 2020 13:48:54 +0000 |
| [[8.7; 1446; 19Nov 1800 CET] FS\_EMSA: Update and correction in Overview of Relevant Architectures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R181748) | Imed Bouazizi | Thu, 19 Nov 2020 17:50:10 +0000 |
| [[8.7; 1446; 19Nov 1800 CET] FS\_EMSA: Update and correction in Overview of Relevant Architectures -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R184031) | Gabin, Frederic | Thu, 19 Nov 2020 17:58:09 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201446**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201446.zip) is noted.

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| [**S4-201456**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201456.zip) | Architectural Requirements for Edge Processing | Samsung Electronics Co., Ltd. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1456; 19Nov 1800 CET] FS\_EMSA: Architectural Requirements for Edge Processing -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R163672) | Gabin, Frederic | Wed, 18 Nov 2020 21:48:25 +0000 |
| [[8.7; 1456; 19Nov 1800 CET] FS\_EMSA: Architectural Requirements for Edge Processing -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R164542) | Iraj Sodagar | Thu, 19 Nov 2020 06:13:15 +0000 |
| [[8.7; 1456; 19Nov 1800 CET] FS\_EMSA: Architectural Requirements for Edge Processing -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=206961) | Richard Bradbury | Thu, 19 Nov 2020 13:06:12 +0000 |
| [[8.7; 1456; 19Nov 1800 CET] FS\_EMSA: Architectural Requirements for Edge Processing -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R171728) | Prakash Kolan | Thu, 19 Nov 2020 14:28:57 +0000 |
| [[8.7; 1456; 19Nov 1800 CET] FS\_EMSA: Architectural Requirements for Edge Processing -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R185067) | Gabin, Frederic | Thu, 19 Nov 2020 17:59:34 +0000 |
| [[8.7; 1456; 19Nov 1800 CET] FS\_EMSA: Architectural Requirements for Edge Processing -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R190585) | Richard Bradbury | Thu, 19 Nov 2020 18:56:58 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201456**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201456.zip) is noted.

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| [**S4-201457**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201457.zip) | Architecture Requirements to Support EMSA Use Cases | Samsung Electronics Co., Ltd. | 8.7 |

**E-mail Discussion:**

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| [[8.7; 1457; 19Nov 1800 CET] FS\_EMSA: Architecture Requirements to Support EMSA Use Cases -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R163790) | Gabin, Frederic | Wed, 18 Nov 2020 21:49:45 +0000 |
| [[8.7; 1457; 19Nov 1800 CET] FS\_EMSA: Architecture Requirements to Support EMSA Use Cases -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R164221) | Iraj Sodagar | Thu, 19 Nov 2020 05:56:15 +0000 |
| [[8.7; 1457; 19Nov 1800 CET] FS\_EMSA: Architecture Requirements to Support EMSA Use Cases -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=207225) | Richard Bradbury | Thu, 19 Nov 2020 13:09:33 +0000 |
| [[8.7; 1457; 19Nov 1800 CET] FS\_EMSA: Architecture Requirements to Support EMSA Use Cases -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R177741) | Imed Bouazizi | Thu, 19 Nov 2020 16:16:50 +0000 |
| [[8.7; 1457; 19Nov 1800 CET] FS\_EMSA: Architecture Requirements to Support EMSA Use Cases -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R180574) | Prakash Kolan | Thu, 19 Nov 2020 17:22:21 +0000 |
| [[8.7; 1457; 19Nov 1800 CET] FS\_EMSA: Architecture Requirements to Support EMSA Use Cases -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R185660) | Gabin, Frederic | Thu, 19 Nov 2020 18:00:52 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201457**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201457.zip) is noted.

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| [**S4-201310**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201310.zip) | Discussion on LSin from SA2 eNA Study | OPPO | 8.7 |

**Decision:**

* Late Tdocs, noted

[**S4-201310**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201310.zip) is noted.

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| [**S4-201311**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201311.zip) | Discussion on LSin from SA2 eNA Study | OPPO | 8.7 |

**Decision:**

* Late Tdocs, noted

[**S4-201311**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201311.zip) is noted.

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| [**S4-201312**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201312.zip) | Discussion on LSin from SA2 eNA Study | OPPO | 8.7 |

**Decision:**

* Late Tdocs, noted

[**S4-201312**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201312.zip) is noted.

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| [**S4-201313**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201313.zip) | Potential Architecture Extension for AI Model Downloading  | OPPO | 8.7 |

**Decision:**

* Late Tdocs, noted

[**S4-201313**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201313.zip) is noted.

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| [**S4-201314**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201314.zip) | Discussion on LSin from SA2 eNA Study | Guangdong OPPO Mobile Telecom. | 8.7 |

**Decision:**

* Late Tdocs, noted

[**S4-201314**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201314.zip) is noted.

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| [**S4-201355**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201355.zip) | Details on EMSA architecture mapping | QUALCOMM Europe Inc. - Italy | 8.7 |

**Decision:**

* Late Tdocs, noted

[**S4-201355**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201355.zip) is noted.

## 8.8 New Work / New Work Items and Study Items

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| [**S4-201375**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201375.zip) | New Work Item proposal for “Content Preparation Template for adaptive streaming” | Tencent | 8.8 |

**E-mail Discussion:**

None triggered

**Presenter: Iraj Sodagar, Tencent**

**Discussion:**

* Thorsten: Is it really needed?
* Thomas: Probably more a new collaboration model than a new content preparation template.
* Richard: Support it. Could it be folded into a general 5GMS architecture extensions study?
* Iraj: Let’s have the study.
* Thorsten: We should at least have one study item for 5GMS evolution.
* Imed: Don’t believe this has any impact on architecture. Anchors are already in place, so this is more of a stage 3 study, if we decide to include it.
* Imed: How far do you want to maintain backwards compatibility with what we have already for Content Preparation Template?
* Iraj: Intention is to maintain compatibility with existing Content Preparation Template feature, not to deviate from it.

**Decision:**

* To be revised in [S4-201603](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201603.zip) and renamed if it includes more items.

[**S4-201375**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201375.zip) is revised to [S4-201603](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201603.zip).

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| --- | --- | --- | --- |
| [**S4-201**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201431.zip)**603** | New Study Item proposal for “Content Preparation Template for adaptive streaming” | Tencent | 8.8 |

**Decision:**

* To be dealt with at closing plenary

[**S4-201603**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201603.zip) is sent to SA4 plenary.

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| [**S4-201430**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201430.zip) | Discussion of Traffic Identification | Ericsson LM | 8.8 |

**E-mail Discussion:**

None triggered

**Decision:**

* Background to 1431.

[**S4-201430**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201430.zip) is noted.

## 8.9 Others including TEI

|  |  |  |  |
| --- | --- | --- | --- |
| [**S4-201356**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201356.zip) | Exposure and other 5GMS3 extensions | QUALCOMM Europe Inc. - Italy | 8.9 |

**E-mail Discussion:**

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| --- | --- | --- |
| [[8.9; 1356; 18Nov 1400 CET] Exposure and other 5GMS3 extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=117365) | Gabin, Frederic | Tue, 17 Nov 2020 18:54:12 +0000 |
| [[8.9; 1356; 18Nov 1400 CET] Exposure and other 5GMS3 extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R137386) |  Thorsten Lohmar | Wed, 18 Nov 2020 08:23:35 +0000 |
| [[8.9; 1356; 18Nov 1400 CET] Exposure and other 5GMS3 extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R142236) | Thomas Stockhammer  | Wed, 18 Nov 2020 12:37:55 +0000 |
| [[8.9; 1356; 18Nov 1400 CET] Exposure and other 5GMS3 extensions -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R145729) | Imed Bouazizi  | Wed, 18 Nov 2020 13:10:37 +0000 |

**Decision:**

* Noted by e-mail.

[**S4-201356**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201356.zip) is noted.

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| --- | --- | --- | --- |
| [**S4-201358**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201358.zip) | Aligning M1 API with AF Event Exposure Service for Metrics Reporting | Qualcomm Incorporated | 8.9 |

**E-mail Discussion:**

|  |  |  |
| --- | --- | --- |
| [[8.9; 1358; 18Nov 1400 CET] (TS 26.501) Aligning M1 API with AF Event Exposure Service for Metrics Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&O=D&P=116370) | Gabin, Frederic | Tue, 17 Nov 2020 18:53:02 +0000 |
| [[8.9; 1358; 18Nov 1400 CET] (TS 26.501) Aligning M1 API with AF Event Exposure Service for Metrics Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R132430) | Richard Bradbury | Tue, 17 Nov 2020 22:43:21 +0000 |
| [[8.9; 1358; 18Nov 1400 CET] (TS 26.501) Aligning M1 API with AF Event Exposure Service for Metrics Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R132526) | Charles Lo | Wed, 18 Nov 2020 01:24:28 +0000 |
| [[8.9; 1358; 18Nov 1400 CET] (TS 26.501) Aligning M1 API with AF Event Exposure Service for Metrics Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R139662) | Richard Bradbury | Wed, 18 Nov 2020 11:59:28 +0000 |
| [[8.9; 1358; 18Nov 1400 CET] (TS 26.501) Aligning M1 API with AF Event Exposure Service for Metrics Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R140987) | Gabin, Frederic | Wed, 18 Nov 2020 12:13:20 +0000 |
| [[8.9; 1358; 18Nov 1400 CET] (TS 26.501) Aligning M1 API with AF Event Exposure Service for Metrics Reporting -> for agreement](https://list.etsi.org/scripts/wa.exe?A2=ind2011C&L=3GPP_TSG_SA_WG4_MBS&P=R150271) | Gabin, Frederic | Wed, 18 Nov 2020 13:28:56 +0000 |

**Decision:**

* Document is noted.

[**S4-201358**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201358.zip) is noted.

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

## 8.11 Any Other Business

## 8.12 Close of the session

The chairman thanked the delegates and closed the telco sessions at 1600 on 18th November 2020. The MBS SWG e-meeting was closed on 19th Nov. 202 at 1900 CET.

## Annex A: Attendees

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME LAST** | **FIRST** | **COMPANY** | **Attended** |
| Gabin | **Frédéric** | **Dolby** | yes |
| Plante | **Fabrice** | **Apple** | yes |
| Hu | **James** | **AT&T** | yes |
| Bradbury | **Richard** | **BBC Research & Development** | yes |
| Bernhard | **Feiten** | **Deutsche Telekom** | yes |
| Lee | **Brian** | **Dolby** | yes |
| Thienot | **Cédric** | **Enensys** | yes |
| Heikkilä | **Gunnar** | **Ericsson** | yes |
| Lohmar | **Thorsten** | **Ericsson** | yes |
| Jung | **Kyunghun** | **Facebook** | yes |
| Sanchez | **Yago** | **Fraunhofer HHI** | yes |
| Singh | **Gurdeep** | **Fraunhofer HHI** | yes |
| Dohla | **Stefan** | **Fraunhofer IIS** | yes |
| Pan | **Qi** | **Huawei** | yes |
| Howells | **Elfed** | **Huawei** | yes |
| Fourdeux | **Henri** | **InterDigital** | yes |
| Hamza | **Ahmed** | **InterDigital Communications** | yes |
| Gudumasu | **Srinivas** | **InterDigital** | yes |
| Thomas | **Emmanuel** | **KPN N.V.** | yes |
| Shiferaw | **Yonatan** | **KPN N.V.** | yes |
| Oh | **Sejin** | **LG Electronics Inc.** | yes |
| Woosuk | **Kwon** | **LG Electronics Inc.** | yes |
| Han | **Jaeshin** | **LG Electronics Inc.** | yes |
| Saha | **Jayeeta** | **MCC** | yes |
| Wang | **Dong** | **OPPO** | yes |
| Xu | **Yang** | **OPPO** | yes |
| Lemotheux | **Julien** | **Orange** | yes |
| Dadas | **Mohammed** | **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 |
| Prakash | **Kolan** | **Samsung** | yes |
| Szucs | **Paul** | **Sony Corporation** | yes |
| Isberg | **Peter** | **Sony** | yes |
| Tan | **Peng** | **TELUS** | yes |
| Sodagar | **Iraj** | **Tencent America** | yes |
| Teniou | **Gilles** | **Tencent** | yes |
| Zhang | **Zhuoyun** | **Tencent** | yes |
| Abhishek | **Rohit** | **Tencent** | yes |
| Li | **Qiuting** | **ZTE** | yes |

# Annex B: Final agenda

**Legend for Tdocs:**

* **Color: not-yet processed**, **processed**, **late**, **~~withdrawn~~**, **moved to a different A.I.**, **under email agreement, to be dealt with at closing plenary**
* a agreed, app approved, n noted, pa partially agreed, np not pursued, pp postponed…

|  |  |  |
| --- | --- | --- |
| 8 | Multicast-Broadcast-Streaming (MBS) SWG |  |
| 8.1 | Opening of the session |  |
| 8.2 | Registration of documents |  |
| 8.3 | Reports/Liaisons from other groups/meetings | 1460 (RAN3) -> MBS SWG reply in 1367->1576a, 1368n (NR QoE)1461 (SA2 / Data collection) -> MBS SWG reply in 1439->1571->1584app1463 (SA5 / QoE) -> MBS SWG -> reply in 1572->1600a1315n, 1438n1462 (SA2/ 5G MBS) -> MBS SWG reply in 1573->1586app1458 (ETSI JTC Broadcast) -> MBS SWG -> reply in 1601->1606a |
| 8.4 | Issues for immediate consideration |  |
| 8.5 | CRs to features in Release 16 and earlier | 26.501: 1351->1495a, 1353->1575a, 1359a, 1366a, 1429->1569->1582->1607a, 1578->1602a26.512: 1306->1577n, 1305a, 1342->1579->1608m, 1363m(->1581), 1365->1591n, 1408->1592->1622m (->1581), 1432m (->1581), 1433->1580a, 1434m (->1592), 1435->1593a, 1436->1594a, 1437->1596a, 1440->1597a, 1452->1595a, 1476->1590m (->1581), 1486a, all agreed and merged into 158126.346: 1360->1623a, 1383->1598->1605a26.234: 1474a1380n, 1381n, 1382n (late Tdocs)~~1304~~ |
| 8.6 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | Arch: 1385m, 1387m, 1427m, 1441m, 1470m (all ->1568) 1568->1583->1585a1574nHybrid: 1386aTR KIs: 1384a, 1469->1604n, 1493->1624nTR: 1626TP: 1443->1625~~1426~~ |
| 8.7 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | TR: 1352->1587UC: 1354->1588n, 1388->1599n, 1454->1570->1589a, 1488n, 1489aEdge: 1364a, 1373n, 1415n, Arch.: 1316n, 1446a, 1456n, 1457n1310n, 1311n, 1312n, 1313n, 1314n, 1355n (late Tdocs)~~1424~~ |
| 8.8 | New Work / New Work Items and Study Items | 1375->16031430n (Traffic identification) |
| 8.9 | Others including TEI | 1356n (Exposure and other 5GMS3 Extensions) 1358n (Aligning M1 API with AF Event Exposure Service for Metrics Reporting) |
| 8.10 | Review of the future work plan (next meeting dates, hosts) |  |
| 8.11 | Any Other Business |  |
| 8.12 | Close of the session |  |
| 12 | LSs received during the meeting and Postponed Liaisons (from A. I. 5) | 1460 (RAN3) -> MBS SWG reply in 1576a1461 (SA2 / Data collection) -> MBS SWG reply in 1584app1463 (SA5 / QoE) -> MBS SWG -> reply in 16001462 (SA2/ 5G MBS) -> MBS SWG reply in 1586app1458 (ETSI JTC Broadcast) -> MBS SWG -> reply in 1606 |
| 13 | Reports and general issues from sub-working-groups |  |
| 13.2 | MBS SWG | 1627, Tdoc status transfer |
| 14 | CRs to features in Release 16 and earlier | 26.501: 1495, 1575, 1359, 1366, 1607, 160226.346: 1623, 160526.512: 158126.234: 1474 |
| 15 | Release 17 Features |  |
| 15.7 | TEI17 and any other Rel-17 documents |  |
| 16 | Study Items |  |
| 16.1 | FS\_5GMS\_Multicast (Feasibility Study on Multicast Architecture Enhancements for 5GMSA) | 26.806: 1626TP: 1625 |
| 16.3 | FS\_EMSA (Feasibility Study on Streaming Architecture extensions For Edge processing) | 26.803: 1587TP: xxxx |
| 17 | Work Items and Study Items under the responsibility of other TSGs/WGs impacting SA4 work |  |
| 18 | New Work / New Work Items and Study Items | 1603 (5GMS Rel-17 SID) |
| 19 | Postponed issues |  |
| 20 | Review of the future work plan (next meeting dates, hosts) |  |

# 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** |
| [**S4-201305**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201305.zip) | Editorial corrections to TS 26.512 | BBC | Agreement | 8.5 | **agreed** |  | - |
| [**S4-201363**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201363.zip) | Additions and Modifications to M1 API on Metrics Reporting Configuration | Qualcomm Incorporated | Agreement | 8.5 | **Merged (to S4-201581)** |  | - |
| [**S4-201364**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201364.zip) | Overview of concluded edge application server discovery solutions in SA2 | HUAWEI Technologies Japan K.K. | Agreement | 8.7 | **agreed** |  | - |
| [**S4-201384**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201384.zip) | [FS\_5GMS\_Multicast] Key issue on re-use of MBMS service layer | Qualcomm Incorporated | Agreement | 8.6 | **Agreed** |  | - |
| [**S4-201385**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201385.zip) | [FS\_5GMS\_Multicast] Proposed architecture based on discussion with SA2 | Qualcomm Incorporated | Agreement | 8.6 | **Merged (1568)** |  | - |
| [**S4-201386**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201386.zip) | [FS\_5GMS\_Multicast] Hybrid use case | Qualcomm Incorporated | Agreement | 8.6 | **Agreed** |  | - |
| [**S4-201387**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201387.zip) | [FS\_5GMS\_Multicast] Interworking with EPC | Qualcomm Incorporated | Agreement | 8.6 | **Merged (1568)** |  | - |
| [**S4-201427**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201427.zip) | Discussion for Mulitcast architecture based on 5GMSA and 5MBS | HUAWEI Technologies Japan K.K. | Agreement | 8.6 | **Merged (1568)** |  | - |
| [**S4-201432**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201432.zip) | Cumulative corrections of 5GMS3 APIs | Ericsson LM | Agreement | 8.5 | **Merged (to S4-201581)** |  | - |
| [**S4-201434**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201434.zip) | Correction of the missing “relevant uplink streaming API” table | Ericsson LM | Agreement | 8.5 | **Merged (1592)** |  | - |
| [**S4-201441**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201441.zip) | 5MBS Deployment Discussion | Ericsson LM | Agreement | 8.6 | **Merged (1568)** |  | - |
| [**S4-201446**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201446.zip) | FS\_EMSA: Update and correction in Overview of Relevant Architectures | KPN N.V. | Agreement | 8.7 | **agreed** |  | - |
| [**S4-201470**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201470.zip) | [FS\_5GMS\_Multicast] Scenarios and key issues for 5G MS multicast ingestion and distribtuion | TELUS | Discussion | 8.6 | **Merged (1568)** |  | - |
| [**S4-201486**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201486.zip) | dCR 26.512-xxxx AF-based Network Assistance (Rel-16) | Sony Europe B.V., Ericsson LM | Agreement | 8.5 | **Agreed** |  | - |
| [**S4-201489**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201489.zip) | pCR 26.803 User-generated live streaming | Sony Corporation | Agreement | 8.7 | **agreed** |  | - |
| S4-201580 | Correction of the missing SdfMethod type definition | Ericsson LM | Agreement | 8.5 | **agreed** | - | - |
| S4-201585 | Summary of an 5MBS offline discussion | Ericsson. Qualcomm, BBC, […] | Information | 8.6 | **agreed** | - | - |
| S4-201589 | FS\_EMSA: Update on the Edge Caching for Video Streaming use case | KPN N.V. | Agreement | 8.7 | **agreed** | - | - |
| S4-201590 | Bug Fixes on Metrics Reporting Functionality | Ericsson LM, Qualcomm Incorporated | Agreement | 8.5 | **Merged (to S4-201581)** |  | - |
| S4-201593 | Correction of the missing CRUD operation notation | Ericsson LM | Agreement | 8.5 | **agreed** | - | - |
| S4-201594 | Correction of the MediaPlayerEntry cardinality in the Service Access Information resource | Ericsson LM | Agreement | 8.5 | **agreed** | - | - |
| S4-201595 | Update on consumption reporting | ENENSYS, BBC | Agreement | 8.5 | **agreed** | - | - |
| S4-201596 | Correction of the Service Access Information subresource (URL) | Ericsson LM | Agreement | 8.5 | **agreed** | - | - |
| S4-201597 | OpenAPI Implementation of M5 (yaml files) | Ericsson LM | Agreement | 8.5 | **agreed** | - | - |
| S4-201608 | CR on AT Commands for RAN-based Network Assistance | QUALCOMM Europe Inc. - Italy |  Agreement | 8.5 | **Merged (to S4-201581)** |  | - |
| S4-201622 | CR to TS 26.512- 0006 on Procedures for Uplink Streaming | Qualcomm Incorporated, Ericsson LM | Agreement | 8.5 | **Merged (to S4-201581)** |  | - |

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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| [**S4-201359**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201359.zip) | Corrections and Clarifications on Network Assistance | Qualcomm Incorporated, Sony Europe B.V. | Agreement | 8.5 | **agreed** |  | 14 |
| [**S4-201366**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201366.zip) | Corrections on Metrics Configuration and Reporting via 5G control plane | HUAWEI Technologies Japan K.K. | Agreement | 8.5 | **agreed** |  | 14 |
| [**S4-201474**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201474.zip) | Correction of reference to UAProf | Dolby Laboratories Inc. | Agreement | 8.5 | **agreed** |  | 14 |
| S4-201495 | Corrections on Metrics | 3GPP MCC | Agreement | 8.5 | agreed |  | 14 |
| S4-201575 | Corrections to align with TS 26.512 v16.0.0 | BBC | Approval | 8.5 | agreed | - | 14 |
| S4-201576 | [Draft] LS Reply on New service type of NR QoE | HUAWEI Technologies Japan K.K. | Agreement | 8.3 | agreed | - | 12 |
| S4-201584 | Draft LS reply on method for collection of data from the UE | Ericsson LM | Agreement | 8.3 | Approved |  | 12 |
| S4-201586 | Reply LS on Service Layer aspects for 5G MBS | Ericsson LM | Agreement | 8.3 | Approved |  | 12 |
| S4-201600 | LS reply on QoE Measurement Collection | Ericsson LM | Agreement | 8.3 | **agreed** | - | 12 |
| S4-201602 | CR 26.501-0XXX rev0 Corrections and Clarifications on Metrics and Consumption Reporting (Rel-16) | Qualcomm Incorporated | Agreement | 8.5 | **agreed** | - | 14 |
| S4-201605 | CR to TS 26.346-XXXX Feature Request for 5G Broadcast (Rel-16) | Qualcomm Incorporated, Ericsson LM, Dolby Laboratories Inc., Enensys, BBC | Agreement | 8.5 | **agreed** | - | 14 |
| S4-201606 | [Draft] Reply LS On ETSI TS 103 720 (5G Broadcast System for linear TV and radio services; LTE-based 5G terrestrial broadcast system) (to ETSI JTC Broadcast) | Qualcomm Incorporated | Agreement | 8.3 | **agreed** | - | 12 |
| S4-201607 | CR to TS 26.501-XXXX Correction of Dynamic Policy Procedure (Rel-16) | Ericsson LM | Agreement | 8.5 | **agreed** | - | 14 |
| S4-201623 | Correction on Subcarrier Spacing in USD for ROM Service Delivery | Qualcomm Incorporated | Agreement | 8.5 | **agreed** | - | 14 |

## 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** |
| S4-201304 | Corrections to align with TS 26.512 v16.0.0 | BBC | Approval | 8.5 | withdrawn |  | - |
| [**S4-201306**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201306.zip) | TS 26.512 snags | BBC | Information | 8.5 | **Revised** | **S4-201577** | - |
| S4-201310 | Discussion on LSin from SA2 eNA Study | OPPO | Agreement | 8.7 | noted |  | - |
| S4-201311 | Discussion on LSin from SA2 eNA Study | OPPO | Agreement | 8.7 | noted |  | - |
| S4-201312 | Discussion on LSin from SA2 eNA Study | OPPO | Agreement | 8.7 | noted |  | - |
| S4-201313 | Potential Architecture Extension for AI Model Downloading  | OPPO | Agreement | 8.7 | noted |  | - |
| S4-201314 | Discussion on LSin from SA2 eNA Study | Guangdong OPPO Mobile Telecom. | Agreement | 8.7 | noted |  | - |
| [**S4-201315**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201315.zip) | Discussion on LSin from SA2 eNA Study | OPPO | Agreement | 8.7 | **Noted** |  | - |
| [**S4-201316**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201316.zip) | Potential Architecture Extension for AI Model Downloading  | OPPO | Agreement | 8.7 | **Noted** |  | - |
| [**S4-201342**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201342.zip) | CR on AT Commands for RAN-based Network Assistance | QUALCOMM Europe Inc. - Italy |   | 8.5 | **revised** | [**S4-201579**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1170105) | - |
| [**S4-201351**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201351.zip) | Corrections on Metrics | 3GPP MCC | Agreement | 8.5 | **revised** | [**S4-201495**](https://portal.3gpp.org/ngppapp/CreateTdoc.aspx?mode=view&contributionId=1170105) | - |
| [**S4-201352**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201352.zip) | [EMSA] Updated TR 26.803  | QUALCOMM Europe Inc. - Italy |   | 8.7 | **revised** | S4-201587 | - |
| [**S4-201353**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201353.zip) | Corrections to align with TS 26.512 v16.0.0 | BBC | Approval | 8.5 | **revised** | S4-201575 | - |
| [**S4-201354**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201354.zip) | EMSA Use Case Walkthroughs | QUALCOMM Europe Inc. - Italy |   | 8.7 | **revised** | S4-201588 | - |
| [**S4-201355**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201355.zip) | Details on EMSA architecture mapping | QUALCOMM Europe Inc. - Italy |   | 8.7 | **Noted** |  | - |
| [**S4-201356**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201356.zip) | Exposure and other 5GMS3 extensions | QUALCOMM Europe Inc. - Italy |   | 8.9 | **Noted** |  | - |
| [**S4-201358**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201358.zip) | Aligning M1 API with AF Event Exposure Service for Metrics Reporting | Qualcomm Incorporated | Agreement | 8.9 | **Noted** |  | - |
| [**S4-201360**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201360.zip) | Correction on Subcarrier Spacing in USD for ROM Service Delivery | Qualcomm Incorporated | Agreement | 8.5 | **revised** | S4-201623 | - |
| [**S4-201365**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201365.zip) | Removal of Editor’s notes in 5GMS3 | HUAWEI Technologies Japan K.K. | Agreement | 8.5 | **revised** | S4-201591 | - |
| [**S4-201367**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201367.zip) | [Draft] LS Reply on New service type of NR QoE | HUAWEI Technologies Japan K.K. | Agreement | 8.3 | **Revised** | S4-201576 | - |
| [**S4-201368**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201368.zip) | Discussion on potential impact from SID NR QoE from RAN3 | HUAWEI Technologies Japan K.K. | Agreement | 8.3 | **Noted** |  | - |
| [**S4-201373**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201373.zip) | FS\_EMSA: SA5 EAS management TR status and discussion | Tencent | Agreement | 8.7 | **Noted** |  | - |
| [**S4-201375**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201375.zip) | New Work Item proposal for “Content Preparation Template for adaptive streaming” | Tencent | Approval | 8.8 | **Revised** | S4-201603 | - |
| [**S4-201380**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201380.zip) | Proposed Corrections to TS 26.511 | Qualcomm Incorporated | Agreement | 8.5 | **Noted** |  | - |
| S4-201381 | Proposed Corrections to TS 26.512 | Qualcomm Incorporated | Agreement | 8.5 | **Noted** |  | - |
| S4-201382 | Proposed Updates to Client APIs | Qualcomm Incorporated | Agreement | 8.5 | **Noted** |  | - |
| [**S4-201383**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201383.zip) | Feature Request for 5G Broadcast | Qualcomm Incorporated | Agreement | 8.5 | **Revised** | S4-201598 | - |
| [**S4-201388**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201388.zip) | [FS\_EMSA] Betting on the edge | Qualcomm Incorporated | Agreement | 8.7 | **Revised** | S4-201599 | - |
| [**S4-201408**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201408.zip) | Text on Procedures for Uplink Streaming | Qualcomm Incorporated | Agreement | 8.5 | **Revised** | S4-201592 | - |
| [**S4-201415**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201415.zip) | FS\_EMSA: On EAS discovery | Samsung R&D Institute UK | Agreement | 8.7 | **Noted** |  | - |
| S4-201424 | Integrated EMSA Architecture | HUAWEI Technologies Japan K.K. | Agreement | 8.7 | withdrawn |  | - |
| [**S4-201426**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201426.zip) | Discussion for Mulitcast architecture based on 5GMSA and 5MBS | HUAWEI Technologies Japan K.K. | Agreement | 8.6 | **withdrawn** |  | - |
| [**S4-201429**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201429.zip) | Correction of Dynamic Policy Procedure | Ericsson LM | Agreement | 8.5 | **Revised** | **S4-201569** | - |
| [**S4-201433**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201433.zip) | Correction of the missing SdfMethod type definition | Ericsson LM | Agreement | 8.5 | **Revised** | **S4-201580** | - |
| [**S4-201435**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201435.zip) | Correction of the missing CRUD operation notation | Ericsson LM | Agreement | 8.5 | **Revised** | **S4-201593** | - |
| [**S4-201436**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201436.zip) | Correction of the MediaPlayerEntry cardinality in the Service Access Information resource | Ericsson LM | Agreement | 8.5 | **Revised** | **S4-201594** | - |
| [**S4-201437**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201437.zip) | Correction of the Service Access Information subresource (URL) | Ericsson LM | Agreement | 8.5 | **Revised** | **S4-201596** | - |
| [**S4-201438**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201438.zip) | Discussion on LS on method for collection of data from the UE | Ericsson LM | Information | 8.3 | **Noted** |  | - |
| [**S4-201439**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201439.zip) | Draft LS reply on method for collection of data from the UE | Ericsson LM | Agreement | 8.3 | **revised** | S4-201571 | - |
| [**S4-201440**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201440.zip) | OpenAPI Implementation of M5 (yaml files) | Ericsson LM | Agreement | 8.5 | **Revised** | **S4-201597** | - |
| [**S4-201443**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201443.zip) | Updated time and work plan FS\_5GMS\_Multicast | TELUS | Agreement | 8.6 | **Revised** | **S4-201625** | - |
| [**S4-201452**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201452.zip) | Update on consumption reporting | ENENSYS, BBC | Agreement | 8.5 | **Revised** | **S4-201595** | - |
| [**S4-201454**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201454.zip) | FS\_EMSA: Update on the Edge Caching for Video Streaming use case | KPN N.V. | Agreement | 8.7 | **Revised** | **S4-201570** | - |
| [**S4-201456**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201456.zip) | Architectural Requirements for Edge Processing | Samsung Electronics Co., Ltd. |   | 8.7 | **Noted** |  | - |
| [**S4-201457**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201457.zip) | Architecture Requirements to Support EMSA Use Cases | Samsung Electronics Co., Ltd. | Agreement | 8.7 | **Noted** |  | - |
| [**S4-201469**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201469.zip) | pCR to TR26.802 on related multicast and broadcast work in 3GPP | TELUS, Huawei | Agreement | 8.6 | **Revised** | **S4-201604** | - |
| [**S4-201476**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201476.zip) | Bug Fixes on Metrics Reporting Functionality | Ericsson LM, Qualcomm Incorporated | Agreement | 8.5 | **revised** | S4-201590 | - |
| [**S4-201488**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201488.zip) | pCR 26.803 Signage system | Sony Europe B.V. | Agreement | 8.7 | **noted** |  | - |
| [**S4-201493**](https://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_111-e/Docs/S4-201493.zip) | pCR 26.802 Multicast distribution in private networks | Sony Europe B.V. | Agreement | 8.6 | Revised | S4-201624 | - |
| S4-201569 | Correction of Dynamic Policy Procedure | Ericsson LM | Agreement | 8.5 | Revised | S4-201582 | - |
| S4-201570 | FS\_EMSA: Update on the Edge Caching for Video Streaming use case | KPN N.V. | Agreement | 8.7 | Revised | S4-201589 | - |
| S4-201571 | Draft LS reply on method for collection of data from the UE | Ericsson LM | Agreement | 8.3 | Revised | S4-201584 | - |
| S4-201572 | DRAFT LS reply on QoE Measurement Collection (to SA5, RAN2 and RAN3) | Ericsson LM | Agreement | 8.3 | Revised | S4-201600 | - |
| S4-201573 | Reply LS on Service Layer aspects for 5G MBS (to SA2) | Ericsson LM | Agreement | 8.3 | Revised | S4-201586 | - |
| S4-201574 | Discussion on Nmbsf: review of xMB-C wrt user-plane properties | Ericsson LM | Discussion | 8.6 | Noted | - | - |
| S4-201577 | TS 26.512 snags | BBC | Information | 8.5 | Noted | - | - |
| S4-201578 | CR 26.501-0XXX rev0 Corrections and Clarifications on Metrics and Consumption Reporting (Rel-16) | Qualcomm Incorporated | Agreement | 8.5 | Revised | S4-201602 | - |
| S4-201579 | CR on AT Commands for RAN-based Network Assistance | QUALCOMM Europe Inc. - Italy |  Agreement | 8.5 | Revised | S4-201608 | - |
| S4-201582 | Correction of Dynamic Policy Procedure | Ericsson LM | Agreement | 8.5 | Revised | S4-201607 | - |
| S4-201583 | Summary of an 5MBS offline discussion | Ericsson. Qualcomm, BBC | Information | 8.6 | Revised | S4-201585 | - |
| S4-201588 | EMSA Use Case Walkthroughs | QUALCOMM Europe Inc. - Italy |   | 8.7 | **Noted** |  | - |
| S4-201591 | Removal of Editor’s notes in 5GMS3 | HUAWEI Technologies Japan K.K. | Agreement | 8.5 | **Noted** | - | - |
| S4-201592 | Text on Procedures for Uplink Streaming | Qualcomm Incorporated | Agreement | 8.5 | Revised | S4-201622 | - |
| S4-201598 | Feature Request for 5G Broadcast | Qualcomm Incorporated | Agreement | 8.5 | Revised | S4-201605 | - |
| S4-201599 | [FS\_EMSA] Betting on the edge | Qualcomm Incorporated | Agreement | 8.7 | Noted | - | - |
| S4-201601 | [Draft] Reply LS On ETSI TS 103 720 (5G Broadcast System for linear TV and radio services; LTE-based 5G terrestrial broadcast system) (to ETSI JTC Broadcast) | Qualcomm Incorporated | Agreement | 8.3 | Revised | S4-201606 | - |
| S4-201604 | pCR to TR26.802 on related multicast and broadcast work in 3GPP | TELUS, Huawei | Agreement | 8.6 | **Noted** | - | - |
| S4-201624 | pCR 26.802 Multicast distribution in private networks | Sony Europe B.V. | Agreement | 8.6 | **Noted** | - | - |

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

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  **TDoc** | **Title** | **Source** | **For** | **SWG Agenda item** | **TDoc Status** | **Revised to** | **Plenary Agenda item** |
| S4-201581 | Cumulative corrections of 5GMS3 | Ericsson LM, […] | Agreement | 8.5 |  |  | 14 |
| S4-201587 | [EMSA] Updated TR 26.803  | QUALCOMM Europe Inc. - Italy |   | 8.7 | **Not treated** |  | 16.3 |
| S4-201603 | New Study Item proposal for “Content Preparation Template for adaptive streaming” | Tencent | Approval | 8.8 | Not treated | - | 18 |
| S4-201625 | Updated time and work plan FS\_5GMS\_Multicast | TELUS | Agreement | 8.6 | Not treated | - | 16.1 |
| S4-201626 | Draft TR 26.802 v0.1.0 5G Multimedia Streaming (5GMS); Multicast architecture | Editor (TELUS) | Agreement | 8.6 | Not treated | - | 16.1 |
| S4-201627 | MBS SWG report at SA4#111 | MBS SWG Chair | Approval | - | Not treated | - | 13.1 |

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