Final Status

Agenda 3.1:

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| S3‑250004 | LS on security aspects of Ambient IoT  | S2-2411049  | LS in  |  Postponed  |
| S3‑250005 | LS on RAN2 outcome of Ambient IoT study  | R2-2411263  | LS in  |   Noted |
| S3‑250006 | Reply to LS on Further Clarification for Ambient IoT Security  | S1-244920  | LS in  |   Noted |
| S3‑250007 | LS on A-IoT Conclusions in SA WG2  | S2-2413035  | LS in  |   Noted |
| S3‑250009 | Reply LS on clarifications on consent management  | SP-241934  | LS in  |   Noted |
| S3‑250043 | Reply LS on security aspects of Ambient IoT  | OPPO  | LS out  |  Noted |
| S3‑250071 | LS reply to LS on security aspects of Ambient IoT  | Nokia  | LS out  |   Noted |
| S3‑250130 | LS on User Consent aspects for Energy Saving  | Ericsson  | LS out  |   Noted |

Agenda 5.2 NG RTC

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| **Tdoc** | **Title** | **Source** | **Status** |
| [S3-250155](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250155.zip)  | Update KI#1: Third party specific user identities to include NEF-AF interface security  | Ericsson  | **To be noted** |
| [S3-250131](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250131.zip)  | Solution#5 update for alignment with SA2 and addressing EN  | HUAWEI TECHNOLOGIES Co. Ltd.  | **R2 approved** |
| [S3-250089](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250089.zip)  | Updates to solution#6  | Samsung  | **r2 to be approved** |
| [S3-250090](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250090.zip)  | Evaluation updates for solution#6  | Samsung  | **r1 to be approved** |
| [S3-250091](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250091.zip)  | Conclusion for Key issue#2  | Samsung  | **merged to 0132** |
| [S3-250132](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250132.zip)  | Conclusion to KI#2 of NG\_RTC  | HUAWEI TECHNOLOGIES Co. Ltd.  | **r6 merged in 156-r3** |
| [S3-250154](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250154.zip)  | Conclusion for KI2 IMS based Avatar Communication  | Nokia, Nokia Shanghai Bell  | **Merged to 0132** |
| [S3-250133](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250133.zip)  | Conclusion to KI#3 of NG\_RTC  | HUAWEI TECHNOLOGIES Co. Ltd.  | **r2 to be approved** |
| [S3-250157](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250157.zip)  | Conclusion for KI3 IMS DC capability exposure  | Nokia, Nokia Shanghai Bell  | **merged to 0133** |
| [S3-250156](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250156.zip)  | LS on IMS support for AF authorization  | Ericsson  | **r3 to be approved** |

5.9 AIoT

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| **grouping** | **TDoc** | **Title** | **Source** | **NOTES** |
| Generic conclusion | [**S3-250047**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250047.zip) | Generic conclusion on AIoT | Huawei, HiSilicon | R11 to be approved |
| [**S3-250061**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250061.zip) | pCR to TR33.713 Generic conclusion | CATT | Merged into 0047 |
| [**S3-250066**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250066.zip) | Proposal for a conclusion | Nokia | Merged into 0047 |
| [**S3-250083**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250083.zip) | Pseudo-CR-General conclusion for the architecture of AIoT | China mobile | R2 to be approved |
| [**S3-250084**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250084.zip) | Pseudo-CR-System architecture and security assumptions for AIoT services | China mobile | R2 to be approved |
| [**S3-250159**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250159.zip) | Generic conclusion for AIoT | Qualcomm Incorporated | Merged into 0047 |
| [**S3-250028**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250028.zip) | Update the scope in TR 33.713 | ZTE Corporation | R1 to be approved. |
| KI#5 conclusion | [**S3-250058**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250058.zip) | Conclusion on KI#5 AIoT Authentication | OPPO | R14 to be approve |
| [**S3-250045**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250045.zip) | Discussion paper on the conclusion on key issue#5 | Huawei, HiSilicon | To be NOTED |
| [**S3-250033**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250033.zip) | Conclusion for KI#5 | ZTE Corporation | Merged into 0058 |
| [**S3-250012**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250012.zip) | KI#5, Conclusions | Sony | NOTED |
| [**S3-250016**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250016.zip) | Conclusion to key issue#5 | Lenovo | Merged into 0058 |
| [**S3-250074**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250074.zip) | pCR to TR33.713 Conclusion#5 | CATT | Merged into 0058 |
| [**S3-250111**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250111.zip) | Conclusion for KI#5 in TR 33.713 | Beijing Xiaomi Mobile Software | Merged into 0058 |
| [**S3-250127**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250127.zip) | KI#5 conclusions | Philips International B.V. | Merged into 0058 |
| [**S3-250139**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250139.zip) | Conclusion for Key Issue#5 AIoT Authentication | vivo | Merged into 0058 |
| KI#4 conclusion | [**S3-250046**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250046.zip) | conclusion on key issue#4 | Huawei, HiSilicon, OPPO, China Unicom | Noted |
| [**S3-250015**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250015.zip) | Conclusion to key issue#4 | Lenovo | Merged into 0046 |
| [**S3-250032**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250032.zip) | Conclusion for KI#4 | ZTE Corporation | Merged into 0046 |
| [**S3-250073**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250073.zip) | pCR to TR33.713 Conclusion#4 | CATT | Merged into 0046 |
| [**S3-250110**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250110.zip) | Conclusion for KI#4 in TR 33.713 | Beijing Xiaomi Mobile Software | Merged into 0046 |
| [**S3-250126**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250126.zip) | KI#4 conclusions | Philips International B.V. | Merged into 0046 |
| [**S3-250138**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250138.zip) | Conclusion for Key Issue#4 Information Protection | vivo | To be NOTED |
| KI#3 Conclusion | [**S3-250041**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250041.zip) | Conclusion on AIOT KI#3 | OPPO | R124 t get a new Tdoc#, but gets noted |
| [**S3-250011**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250011.zip) | KI#3, Conclusions | Sony | Merged into 0041 |
| [**S3-250014**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250014.zip) | Conclusion to key issue#3 | Lenovo | Merged into 0041 |
| [**S3-250031**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250031.zip) | Conclusion for KI#3 | ZTE Corporation | Merged into 0041 |
| [**S3-250072**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250072.zip) | pCR to TR33.713 Conclusion#3 | CATT | Merged into 0041 |
| [**S3-250125**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250125.zip) | KI#3 conclusions | Philips International B.V. | Merged into 0041 |
| KI#2 conclusion | [**S3-250075**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250075.zip) | Conclusion for KI#2 in TR 33.713 | OPPO, Xiaomi | R2 to be approved |
| [**S3-250030**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250030.zip) | Conclusion for KI#2 | ZTE Corporation | Merged into 0075 |
| KI#1 conclusion | [**S3-250140**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250140.zip) | Conclusion to KI#1 | OPPO | R2 to be approved |
| [**S3-250013**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250013.zip) | Conclusion to key issue#1 | Lenovo | R12 to be approved |
| [**S3-250029**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250029.zip) | Conclusion for KI#1 | ZTE Corporation | Merged into 0013 |
| KI update | [**S3-250122**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250122.zip) | KI#1 update: Addressing EN | Philips International B.V. | To be approved |
| [**S3-250026**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250026.zip) | Update the KI#2 in TR 33.713 | ZTE Corporation | To be NOTED. |
| [**S3-250042**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250042.zip) | Update AIOT KI#3 | OPPO | R2 to be approved |
| [**S3-250027**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250027.zip) | Update the KI#3 in TR 33.713 | ZTE Corporation | To be approved. |
| [**S3-250123**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250123.zip) | KI#3 update: Addressing ENs | Philips International B.V. | R1 to be approved |
| [**S3-250124**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250124.zip) | KI#4 update: Addressing ENs | Philips International B.V. | R1 to be approved |
| [**S3-250134**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250134.zip) | Update on Key Issue#6 | vivo | R2 to be approved |
| Solution update | [**S3-250024**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250024.zip) | Resolving ENs in sol#6 in TR 33.713 | ZTE Corporation | To be approved |
| [**S3-250025**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250025.zip) | Evaluation for solution 6 | ZTE Corporation | R1 to be approved |
| [**S3-250044**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250044.zip) | addressing the editor's note in solution#4 | Huawei, HiSilicon | R2 to be approved. |
| [**S3-250054**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250054.zip) | Adding evaluation for solution#3 | Apple | To be NOTED. |
| [**S3-250055**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250055.zip) | Update solution#8 | Apple |  R1 approved |
| [**S3-250056**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250056.zip) | Update solution#28 | Apple |  R1 approved |
| [**S3-250057**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250057.zip) | Update solution#31 | Apple | To be approved |
| [**S3-250059**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250059.zip) | pCR to TR33.713 Update solution#9 to remove EN | CATT | R1 to be approved |
| [**S3-250067**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250067.zip) | Proposal for a resolution to an EN concerning counter synchronisation | Nokia | To be approved. |
| [**S3-250068**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250068.zip) | Proposal for a resolution of an EN concerning alignment with RAN specifications | Nokia | To be approved |
| [**S3-250069**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250069.zip) | Proposal for a resolution to an EN concerning device constrains | Nokia | R2 to be approved |
| [**S3-250070**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250070.zip) | Proposal for a resolution to an EN concerning key identification | Nokia | approved |
| [**S3-250076**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250076.zip) | pCR to TR33.713 Update solution#30 to remove EN | CATT | To be NOTED. |
| [**S3-250077**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250077.zip) | Resolving ENs for AIoT Security Sol#37 | Xidian, OPPO | R2 to be approved |
| [**S3-250078**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250078.zip) | Resolving ENs in Solution #42 of TR 33.713 | KPN N.V. | R4 to be approved |
| [**S3-250092**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250092.zip) | Resolving EN in solution #22 | Samsung | R1 to  be approved |
| [**S3-250093**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250093.zip) | Evaluation update for solution#22 | Samsung | To be approved |
| [**S3-250094**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250094.zip) | Resolving EN in solution #38 | Samsung | To be approved |
| [**S3-250095**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250095.zip) | Evaluation to solution #38 | Samsung | To be approved |
| [**S3-250120**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250120.zip) | Solution#1 update: Addressing ENs | Philips International B.V. | R1 to be approved |
| [**S3-250121**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250121.zip) | Solution#1 evaluation update | Philips International B.V. | R2 to be approved |
| [**S3-250135**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250135.zip) | Sol#10 update | vivo | R1 to be approved |
| [**S3-250136**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250136.zip) | Sol#40 update | vivo | R1 to be approved |
| [**S3-250137**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250137.zip) | Sol#41 update | vivo | R1 to be approved |
| [**S3-250141**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250141.zip) | Solution#3 update | OPPO | To be approved |
| [**S3-250142**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250142.zip) | Solution#18 update | OPPO | To be approved |
| [**S3-250143**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250143.zip) | Solution#19 update | OPPO | To be approved |
| New KI | [**S3-250010**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250010.zip) | New KI: Reader Authorization for 5G Ambient IoT Services | InterDigital, Inc. | To be NOTED |
| [**S3-250080**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250080.zip) | New key issue for secure storage in AIoT devices | Ericsson, Thales | To be NOTED |
| [**S3-250081**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250081.zip) | New Key Issue on Amplification of resource exhaustion by exploiting AIoT paging messages | Ericsson | noted |
| [**S3-250082**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250082.zip) | New key issue for Authenticated and authorized access to devices in Ambient IoT via 3GPP core | Ericsson | To be NOTED |
| [**S3-250144**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250144.zip) | Authorization of external AF for Inventory | NTT DOCOMO INC. | R1 to be approved |
| [**S3-250145**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250145.zip) | KI on attacking via external carrier wave | NTT DOCOMO INC. | To be NOTED |
| [**S3-250158**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250158.zip) | Comments on S3-250145, “KI on attacking via external carrier wave” | InterDigital, Inc. | To be NOTED |
| New solution | [**S3-250060**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250060.zip) | pCR to TR33.713 New solution AIoT command message security protection procedure | CATT | To be NOTED. |
| [**S3-250079**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250079.zip) | New Solution to KI#5 | Ericsson | R4 to be approved |
| [**S3-250085**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250085.zip) | Pseudo-CR on New solution on AIoT privacy | China mobile | To be NOTED. |

5.16 Energy Savings

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| Group | Tdoc Number | Title | Source | Status |
| KI1\_con | [**S3-250049**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250049.zip) | Conclusion for KI#1 | Huawei, HiSilicon | Merged into 0062 |
| [**S3-250062**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250062.zip) | Proposal for a conclusion to KI#1 | Nokia, Deutsche Telekom, BMWK, IIT Bombay | R4 Agreed |
| [**S3-250128**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250128.zip) | Conclusion for KI#1 | Ericsson | Merged into 0062 |
| KI2\_con | [**S3-250050**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250050.zip) | conclusion to KI#2 | Huawei, HiSilicon | Merged into 0063 |
| [**S3-250063**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250063.zip) | Proposal for a conclusion to KI#2 | Nokia, Deutsche Telekom, IIT Bombay | R4 Agreed |
| [**S3-250129**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250129.zip) | Conclusion for KI#2 | Ericsson | Merged into 0063 |
| Other | [**S3-250048**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250048.zip) | Resolve various EN's for KI#1 | Huawei, HiSilicon | Merged into 0064 |
| [**S3-250064**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250064.zip) | TR cleanup | Nokia | R1 Agreed |
| [**S3-250065**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250065.zip) | Presentation of Report to TSG:TR 33.766, Version 1.0.0 | Nokia | Open – Agreeable for the next meeting – No comments received. |
|  | **S3-250130** | LS on User Consent aspects for Energy Saving | Ericsson | R5 latest version - No agreement. |

5.18 Metaverse

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| **Grouping** | **TDoc** | **Title** | **Source** | **Status** |
| KI#1 | [**S3-250146**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250146.zip) | Evaluation for Sol2 Authorization supporting spatial localization service with CCF | Nokia, Nokia Shanghai Bell | To be approved |
| [**S3-250147**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250147.zip) | Update Sol3 Authorization supporting spatial localization service with CCF | Nokia, Nokia Shanghai Bell | r1 to be approved |
| KI#2 | [**S3-250148**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250148.zip) | Update Sol5 Privacy protection during metaverse service discovery | Nokia, Nokia Shanghai Bell | r1 to be approved |
| [**S3-250113**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250113.zip) | 33.721: Update to Conclusion on Key Issue #2 | Xiaomi EV Technology | r1 to be approved |
| KI#3 | [**S3-250051**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250051.zip) | Update on Solution #6-Digital asset request validation | Huawei, HiSilicon | Noted |
| [**S3-250088**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250088.zip) | [TR 33.721] Update to solution#6 | Samsung | r1 to be approved |
| [**S3-250150**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250150.zip) | Update Sol8 authenticate and authorize DA client to create a digital asset | Nokia, Nokia Shanghai Bell | r1 to be approved |
| [**S3-250151**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250151.zip) | Update Sol9 authenticate and authorize DA client to access a digital asset | Nokia, Nokia Shanghai Bell | r1 to be approved |
| **[S3-250034](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250034.zip)** | Conclusion for KI#3 | ZTE Corporation | r9 to be approved |
| [**S3-250052**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250052.zip) | Conclusion to KI#3 in TR 33.721 | Huawei, HiSilicon | merged into S3-250034 |
| [**S3-250152**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250152.zip) | Conclusion for KI3 Security aspects of digital asset container in 5G | Nokia, Nokia Shanghai Bell | merged into S3-250034 |
| KI#4 | [**S3-250112**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250112.zip) | 33.721: Evaluation of Solution 10 | Xiaomi EV Technology | r2 to be approved |
| [**S3-250149**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250149.zip) | Update Sol7 authorize avatar by metaverse service provider | Nokia, Nokia Shanghai Bell | To be approved |
| [**S3-250114**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250114.zip) | 33.721: Conclusion on Key Issue #4 | Xiaomi EV Technology | r4 to be approved |
| [**S3-250153**](https://www.3gpp.org/ftp/TSGS3_119AdHoc-e/Docs/S3-250153.zip) | Conclusion for KI4 Authentication and authorization of digital representation | Nokia, Nokia Shanghai Bell | merged into S3-250114 |

5.19 CAPIF

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| **Grouping** | **TDoc** | **Title** | **Source** | **Status** |
| KI#1.1 conclusion | **[S3-250017](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250017.zip)** | KI#1.1-Further conclusions on ROF authentication | Huawei, HiSilicon **(baseline of KI#1.1 conclusion)** | R6 approved |
| [**S3-250102**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250102.zip) | Further conclusion for key issue #1.1 | Ericsson | Merged into S3-250017 |
| [**S3-250116**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250116.zip) | TR 33.700-22KI#1.1 conclusion update | Xiaomi communications | Merged into S3-250017 |
| [**S3-250160**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250160.zip) | KI1.1 ROF authentication conclusion | Nokia | Merged into S3-250017 |
| KI#1.2 conclusion | [**S3-250018**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250018.zip) | KI#1.2-Further conclusions on authorization information | Huawei, HiSilicon | Merged into S3-250103 |
| [**S3-250035**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250035.zip) | Update to the conclusion for KI#1.2 | ZTE Corporation | Merged into S3-250103 |
| [**S3-250053**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250053.zip) | Conclusion on key issue #1.2 in TR 33.700-22 | China Telecom | Merged into S3-250103 |
| **[S3-250103](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250103.zip)** | Further conclusion for key issue #1.2 | Ericsson (**baseline of KI#1.2 conclusion**) | R8 approved |
| [**S3-250101**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250101.zip) | Conclusion reformulation for key issue #1.2 | Ericsson | Merged into S3-250103 |
| [**S3-250117**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250117.zip) | TR 33.700-22KI#1.2 conclusion update | Xiaomi communications | Merged into S3-250103 |
| KI#1.3 conclusion | [**S3-250019**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250019.zip) | KI#1.3-Further conclusions on granularity | Huawei, HiSilicon | Merged into S3-250164 |
| [**S3-250118**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250118.zip) | TR 33.700-22KI#1.3 conclusion update | Xiaomi communications | Merged into S3-250164 |
| **[S3-250164](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250164.zip)** | KI1.3 conclusion | Nokia  **(baseline of conclusion KI#1.3)** | R4 gets a new Tdoc, but gets noted. |
| KI#2 conclusion | [**S3-250036**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250036.zip) | Update to the conclusion for KI#2 | ZTE Corporation | Merged into S3-250087 |
| [**S3-250039**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250039.zip) | Conclusion for KI#2 | China Telecom | Merged into S3-250087 |
| **[S3-250087](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250087.zip)** | Updates to conclusion for key issue#2 | Samsung **(baseline of conclusion KI#2)** | R16 approved |
| [**S3-250105**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250105.zip) | Further conclusion for key issue #2 | Ericsson | Merged into S3-250087 |
| [**S3-250119**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250119.zip) | TR 33.700-22KI#2 conclusion update | Xiaomi communications | Merged into S3-250087 |
| [**S3-250165**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250165.zip) | KI2 interconnect conclusion | Nokia | Merged into S3-250087 |
| KI#3 conclusion | **[S3-250106](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250106.zip)** | Conclusion for key issue #3 | Ericsson **(baseline of KI#3 conclusion)** | R5 approved |
| [**S3-250166**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250166.zip) | KI3 conclusion | Nokia | Merged into S3-250106 |
| KI#4 conclusion | [**S3-250107**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250107.zip) | Conclusion for key issue #4 | Ericsson | Merged into S3-250167 |
| [**S3-250167**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250167.zip) | KI4 Nested API invocation conclusion | Nokia **(baseline of KI#4 conclusion)** | To be noted |
| KI#5 conclusion | [**S3-250108**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250108.zip) | Conclusion for key issue #5 | Ericsson  | Merged into S3-250168 |
| [**S3-250168**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250168.zip) | KI5 muliple API infovoker same RO conclusion | Nokia **(baseline of KI#5 conclusion)** | To be noted |
| KI#6 conclusion | [**S3-250109**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250109.zip) | Conclusion for key issue #6 | Ericsson | To be noted  |
| KI update | [**S3-250020**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250020.zip) | remove EN for KI#1.1 | Huawei, HiSilicon | To be approved |
| [**S3-250021**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250021.zip) | remove EN for KI#1.2 | Huawei, HiSilicon | Merged into S3-250097 |
| [**S3-250097**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250097.zip) | Resolving EN in key issue #1.2 | Ericsson **(baseline of KI#1.2 update)** | To be noted |
| Solution update | **[S3-250022](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250022.zip)** | remove EN in clause 6.4 | Huawei, HiSilicon | R2 approved |
| [**S3-250023**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250023.zip) | editorial corrections in clauses 6.2 and 6.10 | Huawei, HiSilicon | To be approved  |
| [**S3-250037**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250037.zip) | Updates to Solution#21 | Lenovo | r1 to be approved |
| [**S3-250040**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250040.zip) | Update sol#17 to resolve EN | China Telecom | To be approved |
| [**S3-250086**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250086.zip) | Update to solution#27 | Samsung | R1 approved |
| [**S3-250098**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250098.zip) | Resolving ENs and evaluation of solution #11 | Ericsson | R2 to be approved  |
| [**S3-250099**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250099.zip) | Resolving ENs and evaluation of solution #22 | Ericsson | R2 to be approved  |
| [**S3-250100**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250100.zip) | Resolving ENs and evaluation of solution #26 | Ericsson | R4 to be approved  |
| [**S3-250161**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250161.zip) | KI1.1 ROF authentication | Nokia | To be approved |
| [**S3-250162**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250162.zip) | KI1.1 Solution 3 update | Nokia | To be approved |
| [**S3-250163**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250163.zip) | KI1.2 EN resolution in solution 7 | Nokia | To be approved |
| **[S3-250169](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250169.zip)** | TR correction | Nokia | Merge into 250023 |
| New solution | [**S3-250038**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250038.zip) | Solution to address KI#6 | Lenovo | R2 approved |
| [**S3-250096**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250096.zip) | New solution for Authorization of API invoker on one UE accessing resources related to another UE | Ericsson | R3 approved |
| LS | [**S3-250008**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250008.zip) | Reply LS on terminology alignment between SA6 and SA3 | S6-245644 | To be noted |
| Draft CR | [**S3-250115**](https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_119AdHoc-e/Docs/S3-250115.zip) | Draft CR on TS 33.122 | Xiaomi communications | To be noted |