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| **Agenda** | **Topic** | **TDoc** | **Title** | **Source** | **Type** | **Comments** | **Replaced by** |
| 1 | Agenda and Meeting Objectives | [S3‑241100](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241100.zip) | Agenda | SA WG3 Chair | agenda |  |  |
|  |  | [S3‑241101](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241101.zip) | Process for SA3#115adHoc-e | SA WG3 Chair | other |  |  |
|  |  | [S3‑241102](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241102.zip) | Detail agenda planning for SA3#115AdHoc-e | SA WG3 Chair | other | <CC1>  Suresh: objections need to be raised beofer first objection deadline  </CC1> |  |
| 2 | Meeting Reports |  |  |  |  |  |  |
| 3 | Reports and Liaisons from other Groups (selected LS corresponding to topics in the agenda) | [S3‑241393](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241393.zip) | LS to CT on IANA reservation on Security vulnerability fix for use of AES-GCM and AES-GMAC in 33.203 | Apple | LS out |  |  |
|  |  | [S3‑241484](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241484.zip) | LS on vulnerability due to null ciphering request by network | Google Inc. | LS out |  |  |
|  |  | [S3‑241495](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241495.zip) | Reply LS on request to change integrity algorithm of 256-NIA3 / 256-NCA3 | ETSI SAGE | LS in | <CC1>  Nokia: SAGE is doing what SA3 asked  Huawei: note  </CC1> |  |
| 4 | Work areas |  |  |  |  |  |  |
| 4.1.13 | Security Aspects of eNA (Only contributions to resolve the model sharing will be treated). | [S3‑241313](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241313.zip) | Discussion paper for authorization of AIML model sharing | Huawei, HiSilicon | discussion | [Ericsson]: proposes to note this discussion paper and continue the discussion in the thread for S3-241363  <CC1>  Rong presents, can be noted  </CC1> |  |
|  |  | [S3‑241314](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241314.zip) | Update procedure for secured and authorized AI/ML model sharing | Huawei, HiSilicon, Nokia, Nokia Shanghai Bell, vivo, Intel | CR | [Ericsson]: proposes to merge this contribution in S3-241363 and use the thread of S3-241363 for further discussion |  |
|  |  | [S3‑241361](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241361.zip) | Discussion of "Update procedure for secured and authorized AI/ML model sharing" | Ericsson | discussion | [Ericsson]: This discussion paper was submitted for discussion and can be noted.  <CC1>  Christine presents  E//: 363-r1 implements compromise proposal suggested offline on Friday  Huawei: generally ok with 363, need to provide detailed comments  Nokia: both solutions technically valid, appreciate compromise to include vendor ID, note: there is implicit trust  CMCC: prefer use of CCA, ok with compromise way forward  Huawei: offline conference call should not be taken as having made a decision, please wait for our comments via email.  </CC1> |  |
|  |  | [S3‑241363](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241363.zip) | Update procedure for secured and authorized AI/ML model sharing | Ericsson | CR | [Ericsson]: provides r1  [Nokia]: proposes to add a NOTE in step 5.  [Huawei]: provide r2. |  |
|  |  | [S3‑241369](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241369.zip) | Authorization of NWDAF MTLF to request FL process on behalf of AnLF | Nokia | CR | [Ericsson]: requires clarification  <CC1>  German: proposal for X.9, will revise according to conclusion of X.10.  </CC1>  [Nokia]: provides clarification and alternative -r1 revision. |  |
| 4.6 | WID on mission critical security enhancements for release 19 | [S3‑241109](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241109.zip) | [33.180] MC migration service authentication and authorization | Motorola Solutions | CR |  |  |
| 4.7 | WID on Addition of Milenage-256 algorithm |  |  |  |  |  |  |
| 4.8 | WID on 3GPP profiles for cryptographic algorithms and security protocols | [S3‑241107](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241107.zip) | Living document for CryptoSP: draftCR to TS 33.210, Updates to cryprographic profiles | Ericsson | draftCR |  |  |
|  |  | [S3‑241108](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241108.zip) | Living document for CryptoSP: draftCR to TS 33.501, Updates to cryptographic profiles | Ericsson | draftCR |  |  |
|  |  | [S3‑241277](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241277.zip) | Updates to the 3GPP TLS profile | Ericsson | other | [Ericsson] : Provides revision  [Huawei]: Requires removing the requirements related to QUIC for now.  [Ericsson]: Response to Huawei's comment |  |
|  |  | [S3‑241298](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241298.zip) | Updates to TLS protocol profiles | Nokia, Nokia Shanghai Bell | CR | [Ericsson] : Request revision.  [Huawei]: proposes changes and requires clarifications |  |
|  |  | [S3‑241305](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241305.zip) | update to the Profiling for TLS 1.3 | Huawei, HiSilicon | other | [Ericsson] : Provides r1  [Huawei]: r1 is fine |  |
|  |  | [S3‑241347](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241347.zip) | Updates for deprecation of TLS1.0 and TLS1.1 | Nokia, Nokia Shanghai Bell | CR | [Ericsson] : Requires revision.  [Huawei]: seconds Ericsson comments that 33.501 might not be the right place for this RFC should it be needed in the first place. |  |
|  |  | [S3‑241278](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241278.zip) | Clarification that 64-bit random IVs are forbidden in ESP | Ericsson | other |  |  |
|  |  | [S3‑241279](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241279.zip) | Implicit Initialization Vector (IV) for Counter-Based Ciphers in ESP | Ericsson | other |  |  |
|  |  | [S3‑241296](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241296.zip) | Updates to Profiling of IPsec | Nokia, Nokia Shanghai Bell | CR | [Ericsson] : The CR is not really needed but can live with revision.  [Huawei]: disagrees with the changes for now due to backward compatibility issues |  |
|  |  | [S3‑241306](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241306.zip) | Update to IKEv2 authentication | Huawei, HiSilicon | draftCR |  |  |
|  |  | [S3‑241280](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241280.zip) | Correcting terminologies related to DTLS over SCTP | Ericsson | other |  |  |
|  |  | [S3‑241281](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241281.zip) | Clarifying vulnerabilities in DTLS over SCTP | Ericsson | other |  |  |
|  |  | [S3‑241299](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241299.zip) | Updates related to references | Nokia, Nokia Shanghai Bell | CR | [Ericsson] : Requires revision |  |
|  |  | [S3‑241319](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241319.zip) | Updating Obsolete RFC 2252 by RFC 4510 | Huawei, HiSilicon | other |  |  |
|  |  | [S3‑241438](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241438.zip) | Clarifications of privacy options for EAP-TLS | Ericsson LM | other |  |  |
|  |  | [S3‑241487](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241487.zip) | Discussion on working procedure for WID on 3GPP profiles for cryptographic algorithms and security protocols | NTT DOCOMO INC. | discussion | <CC1>  Alf presents  E//: problem with objection in last minute, prefer stable in 117, then wait for one round and commit in 119  Huawei: ok with this in proposal, have one meeting cycle where we don't touch the draft CR, alternatively, convert to CR and conditionally agree  DCM: ok with moving forward by one cycle  CableLabs: find a way to ascertain the given consent  QC: proposal is reasonable, as proposal is only about deprecation.  Huawei: convert to CRs then endorse them and record in the meeting minutes, and then only  Suresh: technical content can needs to be stable, but can be still be objected  CableLabs: could still make comments  DCM: could have references that are deprecating algorithms, so need make time for this  QC: need to make sure it is clear what is deprecated  Huawei: in 117, we make endorse, then have review in 118, send for approval.  DCM: prefer review until 119  QC: going to same plenary  Huawei: makes sense.  </CC1>  [Ericsson]: Provides r1 |  |
| 4.9 | WID on security aspects of the 5GMSG Service phase 3 | [S3‑241230](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241230.zip) | Authentication and Authorization in bulk registration scenarios | China Mobile | draftCR |  |  |
| 5 | Rel-19 Studies |  |  |  |  |  |  |
| 5.1 | Study on enablers for Zero Trust Security | [S3‑241341](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241341.zip) | Discussion on the exposure of security related data | Huawei, HiSilicon | discussion |  |  |
|  |  | [S3‑241141](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241141.zip) | Resolving EN on data exposure | Lenovo, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR | [Lenovo] : Based on SA3 offline call, propose to merge S3-241141 in S3-241425.  As further clarifications related to this aspect will be handled in the related KI itself. |  |
|  |  | [S3‑241140](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241140.zip) | Resolving EN on dynamic security policy enforcement | Lenovo, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR | [Lenovo] : Based on SA3 offline call, propose to merge S3-241140 in S3-241425.  As further clarifications related to this aspect will be handled in the related KI itself. |  |
|  |  | [S3‑241425](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241425.zip) | Update of the security assumptions | Ericsson | pCR | [Lenovo] : Based on the SA3 offline call, further clarifications on the assumptions indicated by EN can be handled as part of the KI and solutions.  Propose to merge S3-241140 and S3-241141 in S3-241425.  Provided r1.  Asks clarification.  <CC1>  Sheeba presents -r1 which is a merger.  Ericsson: change of "can be" to "is", because there is a lot of information that is not in 3GPP layer  CMCC: concern with this change, because that would refuse the possibility to introduce this. Maybe to have this introduced in a future release  E//: will think about this possibility  </CC1>  [Lenovo] : Suggests a word formulation to address CMCC's comment.  [Ericsson] : Provides r2.  [Huawei]: fine with r2 |  |
|  |  | [S3‑241139](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241139.zip) | Updates to Malformed Message Usecase | Lenovo, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR | [MITRE] provides comments  [Ericsson]: Is ok merging 1139, 1339, 1426 in 1139. Provides comments to 1139.  [Huawei]: is ok with merging, requires clarifications on 1139 and provides replies to comments on 1339  [Lenovo]: Provides r1 and detailed clarifications. |  |
|  |  | [S3‑241339](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241339.zip) | Evaluation for the use case on malformed messages | Huawei, HiSilicon | pCR | [Lenovo] : Propose to merge S3-241339 in S3-241139 and use the same thread to discuss this usecase related updates in one place.  [Huawei]: replies to comments and closes this thread. |  |
|  |  | [S3‑241426](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241426.zip) | Update on malformed messages in the 5G SBA | Ericsson | pCR | [Lenovo] : Propose to merge S3-241426 in S3-241139 and use the same thread to discuss this usecase related updates in one place. |  |
|  |  | [S3‑241138](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241138.zip) | Updates to Massive number of SBI messages | Lenovo, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR | [Ericsson]: Proposes changes.  [Huawei]: requires clarifications and updates  [Lenovo]: Provides r1 which merges 1340. Also provides clarifications. |  |
|  |  | [S3‑241340](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241340.zip) | Evaluation for the use case on number of messages | Huawei, HiSilicon | pCR | [Lenovo] : Propose to merge S3-241340 in S3-241138 and use the 1138 thread to discuss this usecase related updates in one place.  [Huawei]: replies to the comments and closes the thread |  |
|  |  | [S3‑241154](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241154.zip) | Resolve EN and provide updates to use case 3 | MITRE Corporation, US NSA, Lenovo | pCR | [MITRE] provides merger with S3-241320 in Drafts folder  [Ericsson]: Ericsson agrees with the merger and provides comments to r1. |  |
|  |  | [S3‑241155](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241155.zip) | Resolve EN and provide updates to use case 4 | MITRE Corporation, US NSA, Lenovo | pCR |  |  |
|  |  | [S3‑241103](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241103.zip) | New use case for security evaluation and monitoring: NFV vulnerabilities | Dell Technologies | pCR | [Ericsson]: does not believe this document is in scope of the study.  [Huawei]: agrees with Ericsson view that this is not in scope of the study and hence should be noted |  |
|  |  | [S3‑241104](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241104.zip) | New use case for security evaluation and monitoring: API security risks | Dell Technologies | pCR | [Ericsson]: requests for clarifications before approval.  [Huawei]: requires clarifications and updates before approval |  |
|  |  | [S3‑241105](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241105.zip) | New use case for security evaluation and monitoring: Man-in-the-Middle (MitM) attacks | Dell Technologies | pCR | [Ericsson]: requests for clarifications before approval.  [Huawei]: disagrees with this use case in its current form |  |
|  |  | [S3‑241106](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241106.zip) | New use case for security evaluation and monitoring: Identity spoofing and impersonation (Aka Rogue Elements) | Dell Technologies | pCR | [Ericsson]: requests for clarifications before approval.  [Huawei]: Shares same view as Ericsson |  |
|  |  | [S3‑241156](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241156.zip) | Abnormal SBI Call Flow | US National Security Agency, MITRE Corporation, OTD\_US | pCR | [Ericsson]: requests for clarifications.  [Huawei]: requires clarifications before approval |  |
|  |  | [S3‑241320](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241320.zip) | Data related to failed audience claim in the access token | Huawei, HiSilicon | pCR | [Lenovo] : Propose to merge S3-241320 in S3-241154.  As existing usecase 3 is a related one which can be updated.  [Huawei] : Provide clarification  [MITRE] propose merger in S3-241154 |  |
|  |  | [S3‑241137](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241137.zip) | Updates to Access control decision enhancement usecase | Lenovo, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR |  |  |
|  |  | [S3‑241136](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241136.zip) | Updates to KI#1 | Lenovo, Nokia, Nokia Shanghai Bell, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR | [Lenovo] : Based on SA3 offline call discussions, S3-241136 can be merged in S3-241423. |  |
|  |  | [S3‑241423](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241423.zip) | Adding requirements to KI#1 "Data exposure for security evaluation and monitoring" | Ericsson | pCR | [Lenovo] : Based on SA3 offline call discussions and Ericsson's proposal, S3-241136 can be merged in S3-241423.  Provided r1  <CC1>  Sheeba presents r1  E//: change on Note4?  Lenovo: just used terminology from security assumption in R19  E//: why remove editor's note  Lenovo: because editors note can be seen as incomplete  Huawei: this KI and working on data to expose in 5.1, KI will depend on this, same KI as in R19  DCM: the second editor's note is not resolved, as there is reference to SA WG2 which can't be done in text  Chair: Re-introduce the EN, not as regular text.  </CC1> |  |
|  |  | [S3‑241135](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241135.zip) | New KI on dynamic security policy enforcement | Lenovo, MITRE Corporation, OTD\_US, Johns Hopkins APL, Motorola Mobility | pCR | [Lenovo] : Based on SA3 offline call discussions, S3-241135 can be merged in S3-241424. |  |
|  |  | [S3‑241424](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241424.zip) | Adding Key Issue on WT2 "Security mechanism for dynamic policy enforcement" | Ericsson | pCR | [Lenovo] : Based on SA3 offline call discussions and Ericsson's proposal, S3-241135 can be merged in S3-241424.  Asks clarification on text.  <CC1>  Vlasios presents  Huawei: have reservations, too solutions oriented, turning NRF as a critical function of SBA layer, but making it a requirement is too solution oriented  Lenovo: PDP need to take into account info from outside 3GPP layer,  E//: other information, e.g. from virtualization infrastructure, etc.  Huawei: agree with this view. But in the end it is left to implementation  Mitre: these points sound like evaluation aspects  E//: defining what can be specified is what information is collected, but not how it is processed, interfaces can be specified for SBA aspect  DCM: need to consider a more global naming scheme  Lenovo: this is about the reaction towards the network  Dell: also have 4 contributions on which info to provide  </CC1>  [Ericsson]: provides r1 to continue the discussion.  [Huawei]: objects to the key issue proposal in this form |  |
|  |  | [S3‑241445](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241445.zip) | New Key Issue on data exposure relevant for network level attacks | Nokia | pCR |  |  |
|  |  | [S3‑241437](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241437.zip) | New Solution for Key Issue 1 | Nokia | pCR | [Ericsson]: requests clarifications before approval.  [Nokia]: provides clarifications and r1 {https://www.3gpp.org/ftp/tsg\_sa/WG3\_Security/TSGS3\_115AdHoc-e/Inbox/Drafts/draft\_S3-241437\_New\_Solution\_for\_KI1-r1.doc}.  [Huawei]: disagrees with this solution |  |
|  |  | [S3‑241421](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241421.zip) | LS on security data management for continuous security monitoring | Nokia | LS out | [Ericsson]: does not see the need for this LS at this stage.  [Nokia]: provides clarification |  |
|  |  | [S3‑241134](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241134.zip) | FS\_eZTS Offline Call#3 Minutes | Lenovo, Motorola Mobility | report |  |  |
| 5.2 | Study on the security support for the Next Generation Real Time Communication services phase 2 | [S3‑241208](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241208.zip) | update the scope of TR 33.790 | Nokia, Nokia Shanghai Bell | pCR |  |  |
|  |  | [S3‑241231](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241231.zip) | Updated Scope of NGRTC\_Ph2\_Sec | China Mobile | pCR | [Ericsson]: agrees to the merger proposal and 1231 being the baseline. Requests clarifications for the Editor's Note.  <CC1>  Vlasios: CMCC provided mergers  CMCC: no strong opinion on removal of editors notes  Nokia: SA2 is still working on this, so not clear how to update now.  </CC1>  [Nokia]: agrees to the merger proposal and 1231 being the baseline. |  |
|  |  | [S3‑241428](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241428.zip) | Update of the scope clause | Ericsson | pCR |  |  |
|  |  | [S3‑241209](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241209.zip) | new key issue on IMS DC capability exposure | Nokia, Nokia Shanghai Bell, CableLabs | pCR |  |  |
|  |  | [S3‑241227](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241227.zip) | New Key Issue on security aspects of IMS DC capability exposure | China Mobile | pCR | <CC1>  Xiaoting presents -r1  E//:has comments on threats, requirements are ok, good starting point  </CC1>  [Nokia]: agrees to the merger proposal and 1227 being the baseline.  [Huawei]: propose to add EN  [Ericsson]: requests for clarifications, proposes changes. |  |
|  |  | [S3‑241210](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241210.zip) | new key issue on authenticity of DC application | Nokia, Nokia Shanghai Bell, CableLabs, China Mobile | pCR | [Huawei]: request clarification  <CC1>  Jing presents  Huawei: KI may not be in 3GPP scope, how and when application may be manipulated, authentication may not help  E//: out of scope of 3GPP  Nokia: some requirements that there is authentication information transmitted, need to make sure that it is not tampered with, source of package has not been tampered with.  E//: doesn't understand the setup  </CC1> |  |
|  |  | [S3‑241211](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241211.zip) | new sol for KI#1 third\_party\_id | Nokia, Nokia Shanghai Bell, CableLabs | pCR | [Huawei]: request clarification  [Nokia]: clarify the questions from Huawei, and provide r1  [Huawei]: request further revision |  |
|  |  | [S3‑241427](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241427.zip) | New solution for the security of 3rd party specific identities | Ericsson | pCR | [Huawei]: request clarification  [Nokia]: request clarification |  |
|  |  | [S3‑241434](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241434.zip) | Solution for third party identity authorisation and verification | Qualcomm Incorporated | pCR | [Huawei]: request clarification  [Nokia]: request clarification |  |
|  |  | [S3‑241212](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241212.zip) | new sol for KI#2 Security of IMS based Avatar Communication | Nokia, Nokia Shanghai Bell, CableLabs | pCR | [Huawei]: add EN and request clarification  [Samsung]: requests clarification |  |
|  |  | [S3‑241213](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241213.zip) | new sol for KI on IMS DC capability exposure | Nokia, Nokia Shanghai Bell, CableLabs | pCR |  |  |
| 5.3 | Study on security for PLMN hosting a NPN | [S3‑241159](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241159.zip) | Remove the EN for interface between customer’s AFs and 5G core network | ZTE Corporation | pCR | [Nokia] : Requires clarification before acceptable.  [ZTE] : Provide clarification.  [Nokia] : Provides answers to ZTE.  [Huawei] : Request revision |  |
|  |  | [S3‑241160](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241160.zip) | Remove the EN for management interface | ZTE Corporation | pCR | [Nokia] : proposes to merge S3-241160 into S3-241265  [ZTE] : Fine to merge. |  |
|  |  | [S3‑241265](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241265.zip) | Resolution of EN concerning including OAM attacks in the study | Nokia, Nokia Shanghai Bell | pCR | [ZTE] : Fine to merge S3-241160 into S3-241265.  [Nokia] : Provides R1. |  |
|  |  | [S3‑241247](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241247.zip) | Solve EN of TR 33.757 | China Mobile | pCR | [Huawei] : Request for clarification  [Nokia] : request clarification  [CMCC] : Provide clarification.  [Nokia] : Requires further clarification.  [CMCC] : Provide further clarification.  [CMCC] : Provide comments |  |
|  |  | [S3‑241266](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241266.zip) | Resolution EN concerning DoS attack | Nokia, Nokia Shanghai Bell | pCR |  |  |
|  |  | [S3‑241244](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241244.zip) | New solution for KI#1 of TR 33.757 | China Mobile | pCR |  |  |
|  |  | [S3‑241255](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241255.zip) | New solution to KI#1- CIWF for N4 interface | China Telecommunications | pCR |  |  |
|  |  | [S3‑241219](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241219.zip) | A new solution on protecting the Hosted NPN | Huawei, HiSilicon | pCR | [Xiaomi] : provides some comments.  [Huawei]: provides clarification  [Nokia] : Request clarification.  <CC2>  JHU: disagree that security level in PMN is higher  Samsung, Nokia: similar comment  </CC2> |  |
|  |  | [S3‑241223](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241223.zip) | Solution on the security protection to avoid UE information disclosure | Huawei, HiSilicon | pCR | [Samsung] : Propose to Note  [Xiaomi] : provides some comments.  [Nokia] : Request clarification else propose to note.  <CC2>  Nokia: have provided comments on email, not needed to standardize this, continue discussion over email  Xiaomi: keep bidirectional security in this  Samsung: will update  </CC2> |  |
|  |  | [S3‑241245](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241245.zip) | New solution for KI#2 of TR 33.757 | China Mobile | pCR | [Xiaomi] : provides some comments.  [Nokia] : Request clarification. |  |
|  |  | [S3‑241258](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241258.zip) | New solution to KI#2- CIWF as a gateway for SBA interface | China Telecommunications | pCR | [Xiaomi] : provides some comments.  [China Telecom] : provides clarification |  |
|  |  | [S3‑241267](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241267.zip) | New solution to KI#2- CIWF as an delegate for SBA interface | China Telecommunications | pCR | [Xiaomi] : provides some comments.  [China Telecom] : provides clarification and R1 |  |
|  |  | [S3‑241474](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241474.zip) | KI#2 New solution for service and information authorization | Xiaomi communications | pCR | [Huawei] : Request for Clarification.  [Xiaomi] : provides Clarification.  [Huawei]: request clarification  [Xiaomi]: provides clarification.  <CC2>  Huawei: more clarification needed  </CC2> |  |
|  |  | [S3‑241402](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241402.zip) | Solution on NF Authorization in PLMN hosting NPN Scenario | Samsung | pCR | [Huawei] : Propose to Note  [Samsung] : Provide Clarification  [Xiaomi] : provides some comments.  <CC2>  Huawei: oppose this solution  </CC2> |  |
|  |  | [S3‑241403](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241403.zip) | Solution for DNS Security in PLMN hosting NPN Scenario | Samsung | pCR | [Huawei] : Request for comment.  [Samsung] : Provide Clarification  [Huawei] : Propose to note.  <CC2>  Nokia: maybe the requirement is unclear, implementation specific  Huawei: difference between eDNS and iDNS  DCM: already proposed to note, check these contributions with opposing company first  Samsung: wanted to clarify that solution is implementation specific  </CC2> |  |
|  |  | [S3‑241475](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241475.zip) | KI#2 New solution for topology hiding | Xiaomi communications | pCR | [China Telecom] : request clarification  [Xiaomi] : provides clarification and r1. |  |
|  |  | [S3‑241115](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241115.zip) | New solution on SUPI privacy issue in PLMN hosting NPN Scenario | IIT Delhi, IIT Bhilai | pCR | [China Telecom] : request clarification  [IIT Delhi, IIT Bhilai, Nokia] : Provides clarification  [China Telecom] : request more clarification on UE impacts  [China Telecom] : propose to add an Editor's Note  [IIT Delhi] : added the mentioned Editor's note and uploaded the draft\_S3-241115\_r1  [Apple] : propose to note, as the SID is not supposed to include solutions with UE impact. |  |
|  |  | [S3‑241142](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241142.zip) | Solution to address KI#3 | Lenovo | pCR | [China Telecom] : propose to add EN  [Apple] : propose to note, as the SID is not supposed to include solutions with UE impact. |  |
|  |  | [S3‑241158](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241158.zip) | New solution for SUPI privacy issue | ZTE Corporation | pCR | [China Telecom] : request clarification  [ZTE] : Provide clarification.  [China Telecom] : propose to add an Editor's Note  [Apple] : propose to note, as the SID is not supposed to include solutions with UE impact. |  |
|  |  | [S3‑241246](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241246.zip) | New solution for KI#3 of TR 33.757 | China Mobile | pCR |  |  |
|  |  | [S3‑241404](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241404.zip) | Solution for SUPI privacy protection in PLMN hosted NPN scenario | Samsung | pCR | [China Telecom] : request clarification  [Samsung] : Provides clarification  [China Telecom] : propose to add an Editor's Note  [Samsung] : Added Editor's note. draft\_S3-241404-r1 is available in draft folder.  [Apple] : propose to revise before approval. as the SID is not supposed to include solutions with UE impact.  [China Telecom] : Reference proposed in the first change has been in the draft v0.1.0 |  |
|  |  | [S3‑241157](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241157.zip) | Clean up for TR 33.757 | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241161](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241161.zip) | Add some context for clause 5 | ZTE Corporation | pCR | [Nokia] : Requires clarification before acceptable.  [ZTE] : Provide clarification.  [Nokia] : Provides answers and proposes to note.  [Huawei] : Provides answers and proposes to note. |  |
| 5.4 | Study of ACME for Automated Certificate Management in SBA | [S3‑241315](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241315.zip) | Assumption for use of ACME in 3GPP network | Huawei, HiSilicon | pCR | [Cisco]: Proposes clarifications with -r1  [Huawei]: fine with r1  <CC2>  Charles presents -r1  JHU: current solution has automated checking, follow up on email  </CC2> |  |
|  |  | [S3‑241133](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241133.zip) | New Key Issue on supporting all 5G SBA certificate types | Google Inc., Charter Communications, US National Security Agency, Cisco Systems | pCR | [Nokia]: Asks to add one certificate usage related to CCA and provide further elaboration.  <CC2>  Charles presents  </CC2> |  |
|  |  | [S3‑241149](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241149.zip) | New key issue on certificate revocation | Johns Hopkins University APL, Cisco Systems | pCR | [Nokia]: Requires clarification and review.  [JHUAPL]: Reply to NCSC on proposed change to text  [JHUAPL]: reposting to fix subject line  [JHUAPL]: Reply to Nokia for clarification and review  [JHUAPL]: Proposes clarification with -r1 and add Google to source list  <CC2>  JHU: there is confusion between revision status checking and the actual revocation, so provided clarification on -r1  Huawei: what is difference is not clear.  → further discussion over email  </CC2> |  |
|  |  | [S3‑241382](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241382.zip) | Addtional limitation in KI#3 on DNS challenge | Huawei, HiSilicon | pCR | [Nokia]: Requires small review.  [Huawei]: provides clarification.  <CC2>  Huawei: not clear if modification is required.  </CC2> |  |
|  |  | [S3‑241383](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241383.zip) | new solution using NF FQDN as ACME identifier | Huawei, HiSilicon | pCR | [Nokia]: Requires clarifications on the need of using NF Instance ID as part of the FQDN for identifier.  [Huawei] : provides clarification  <CC2>  no comments  </CC2> |  |
|  |  | [S3‑241384](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241384.zip) | new solution using NF instance ID as ACME identifier | Huawei, HiSilicon | pCR | [Nokia]: Proposes to merge this contribution into -1257 and close this thread.  [Cisco]: Agrees with proposed merge with -1257 as baseline  [Huawei] : provides clarification  <CC2>  Cisco: similar to 1257, some differences, big difference is in challenge token, but until now discussed separately  Huawei: because there are differences, have them treated separately instead of merging  Cisco: will provide feedback so both can be progressed  </CC2> |  |
|  |  | [S3‑241257](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241257.zip) | Solution proposal for ACME challenge validation | Cisco Systems | pCR | [Cisco]: r1 posted adding Google and addressing offline feedback  [Huawei] : provide comments for clarification  [Ericsson] : requests clarification  <CC2>  Cisco: some feedback not yet addressed, reuse initial trust defined in 33.310,  Huawei: comments already in email, as well as E//, can continue discussion in email  </CC2> |  |
|  |  | [S3‑241385](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241385.zip) | new solution for client-side certificate | Huawei, HiSilicon | pCR | [Nokia]: Objection.  [Huawei] : provide clarification |  |
|  |  | [S3‑241147](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241147.zip) | New Key Issue on supporting all 5G SBA certificate types | Google Inc. | pCR |  |  |
| 5.5 | Study on enabling a cryptographic algorithm transition to 256-bits | [S3‑241190](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241190.zip) | new kew issue on backward compatibility | CableLabs, Charter Communications | pCR | [Ericsson]: Requires updates before approved  [Nokia]: is providing revision 1, which includes the merging of S3-241116  [Nokia]: proposes to merge this to S3-241190, because technically both describe the same and partly are complementary  [Ericsson]: (Resending with correct subject line) Requires updates before approved |  |
|  |  | [S3‑241276](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241276.zip) | Architecture Assumptions | Nokia, Nokia Shanghai Bell | pCR | [Ericsson]: Requires updates before approved  [Ericsson]: (Resending with corrected subject line) Requires updates before approved  [Deutsche Telekom]: proposes to add network side K storage to the architecture overview.  <CC1>  Stawros presents  CableLabs: proposal to merge  KDDI: proposal to merge all into 1190  CableLabs: merge into key issue?  KDDI: as it is about the mix of 256bit and 128 bit  E//: not good to mix this into KI, merge the other way, 1190 shouldn't be key issue  Huawei: not sure it is required, existing architecture, not required  QC: similar views, this is already in 33.501, doesn't add anything  CableLabs: backward compatibility is an issue and needs to be analyzed, ok with merger  Nokia: merging is a little bt different, this is just writing about the background, even if covered in 33.501, that's why 1286 is there documenting everything, use table to figure out where problems can be, 1276 and 1286 are assumptions, 1190 is partly assumption and partly KI  E//: KI may be too big  KDDI: need to discuss if possible about merger  Suresh: maybe capture in annex  Nokia: go to -r1 in 1190, to show how it can be merged, see in top down fashion whether there are any risk vectors that have been missed  Oppo: in 33.501 and 33.401 truncation is a not a security function or a security feature, it just describes how the sessions keys are being used.  </CC1>  [Nokia]: provides revision 1 |  |
|  |  | [S3‑241286](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241286.zip) | UE States and Transitions | Nokia, Nokia Shanghai Bell | pCR | [Ericsson]: Propose to note  [Ericsson]: (Resending with corrected subject line) Propose to note  [Nokia]: is providing additional feedback |  |
|  |  | [S3‑241116](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241116.zip) | New Key Issue on permanent secret key length (K) | KDDI Corporation, Samsung, Xiaomi | pCR | [Nokia]: proposes to merge this to S3-241190, because technically both describe the same and partly are complementary  [Nokia]: is commenting  [KDDI]: asks for clarification on the comment  [Ericsson]: (Fixing email subject line) Propose to note  [Nokia]: is responding to KDDI request for clarification  [Apple]: kindly request clarification before approval.  [Nokia]: provides response to the clarification request  [KDDI]: provides clarification  [Qualcomm]: Propose to note |  |
|  |  | [S3‑241170](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241170.zip) | New Key Issue on authentication parameters in AKA procedure | ZTE Corporation | pCR | [Nokia]: is commenting  [ZTE]: provide clarification and draft revision  [Nokia]: agrees on revision 1  [Ericsson]: Propose to note (not in scope)  [KDDI]: is commenting  [Qualcomm]: propose to note |  |
|  |  | [S3‑241466](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241466.zip) | New KI on AKA related 256-bit algorithm update | Xiaomi communications | pCR | [Ericsson]: Propose to note (not in scope) |  |
|  |  | [S3‑241480](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241480.zip) | KI on key hiearchy | OPPO | pCR | [Nokia]: does not agree, because the backward compatibility aspect is NOT taken into consideration  [Ericsson]: (Correcting subject line) Propose to note  We don't need a KI, Solution or conclusion for this. We can do this in normative phase with minimal effort.  [Qualcomm]: propose to note  [OPPO]: provides feedback and ask for clarification.  [Nokia]: is providing clarification on the truncation function |  |
|  |  | [S3‑241117](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241117.zip) | New Key Issue on different cryptographic key lengths in dual connectivity scenarios | KDDI Corporation, CMCC | pCR | [Nokia]: is commenting  [Ericsson]: proposes to note  [Nokia]: proposes to distinguish between key-length and algorithm type  [Qualcomm]: agree with Ericsson comments and proposes to note |  |
|  |  | [S3‑241118](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241118.zip) | New Key Issue on algorithm negotiation on re-establishing RRC connection | KDDI Corporation, CMCC | pCR | [Nokia]: is commenting  [KDDI]: provides clarification  [CMCC] replies to Nokia's Cmt#2.  [Ericsson]: proposes to note  [Qualcomm]: proposes to note  [Nokia]: proposes to note, because it reads like a solution |  |
|  |  | [S3‑241181](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241181.zip) | New key issue on algorithm negotiation for 256-bit algorithms | vivo | pCR | [vivo] : provide r1.  [Ericsson]: proposes to mark the doc as merged and close this email thread |  |
|  |  | [S3‑241275](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241275.zip) | Adaptations to AS and NAS Procedures | Nokia, Nokia Shanghai Bell | pCR | [Ericsson]: proposes to merge this contribution into 1310 and close this email thread |  |
|  |  | [S3‑241310](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241310.zip) | key issues on introducing 256-bit algorithm in 5GS | Huawei, HiSilicon | pCR | [Xiaomi] : provides r1. 1467 is merged into 1310  [Samsung] : requests clarification  [vivo] : proposes to add vivo as cosigner in the next revision.  <CC1>  1181, 1390, 1467, 1362 merged  Huawei: need to agree on whether to include AEAD mode, otherwise that text needs to go away  QC: KI seems to state that other KI needs to be found; 33.501 design was to allow new algorithms, need to find where it doesn't work.  Oppo: also 1362 is merged here  E//: AEAD not in scope of the study, introduction of new AEAD algorithms not so practical in 5G, but for 6G might make sense; agree with QC in general, define which steps need to be done to integrate new algorithms  CableLabs: revise KI, current KI is too generic, maybe it#S about conflict between AEAD and policy, if only integrity or confidentiality is required  vivo: three different algorithms are now being standardised in WID, AEAD is already being considered, conclusion not to do this In 5G,  Xiaomi: agree with QC, no KI if using existing mechanisms,  Hiuawei: keep AEAD mode out  E//: for this KI, AEAD must kept out, keep it in separate KI  Suresh: is there agreement to enhance to include AEAD in SID  Oppo, cablelabs, Apple, KDDI, Xiamoi,  CableLabs: AEAD should not be excluded from this meeting.  Apple: AEAD is not excluded  QC: not part of the SID, maybe push back the introduction of these algorithms to R20  Huawei: not objecting AEAD mode, but for this meeting keep it out for now, focus on issues not related to AEAD mode  Nokia: not clear from SAGE feedback, how to handle and how to analyze this. Not to delay the introduction.  Apple: discuss based on solid contributions, also on the key issues, still need new KI how to introduce new algorithms for stage 3 work  Nokia: procedures are there, the IEs are missing  Suresh: convert this KI as the basic 256 bit introduction  QC: just part of the assumptions, so just assign some code points  </CC1>  [Xiaomi] : provides clarification  [Qualcomm]: proposes a way forward for this document and several others  [Huawei]: provide r2 and way forward.  [Nokia]: needs an overview of which documents were inserted here  [Nokia]: is requesting clarification on the Note yy  [Huawei]: ask for rapporteur's help on the merger list.  [Huawei]: provide clairifcation.  [KDDI]: provides the merger list.  [KDDI]: updates the merger list. |  |
|  |  | [S3‑241316](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241316.zip) | New Key Issue on different cryptographic key lengths in URLLC scenario | Huawei, HiSilicon | pCR | [KDDI]: proposes to merge S3-241117 and S3-241316  [Apple]: provide comments to 1316 only, 1316 may not need to be merged with 1117.  [Ericsson]: proposes to note  [Nokia]: proposes to merge, because this URLLC is just another use case, and is similar to DC  [Qualcomm]: proposes to note |  |
|  |  | [S3‑241359](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241359.zip) | Add KI on 256 bits algorithms selection in 5G system | OPPO | pCR | [Ericsson]: proposes to mark the doc as merged and close this email thread |  |
|  |  | [S3‑241390](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241390.zip) | New key issue on specifying usage of new encryption and integrity protection algorithms in the 5G system | Ericsson | pCR | [Nokia]: is commenting |  |
|  |  | [S3‑241467](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241467.zip) | New KI on negotiation for NAS and AS related 256-bit algorithms | Xiaomi communications | pCR | [Ericsson]: proposes to mark the doc as merged and close this email thread |  |
|  |  | [S3‑241394](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241394.zip) | CAT256 - New KI for CAT\_256 on correctly indication | Apple | pCR | [Ericsson]: proposes to mark the doc as merged and close this email thread |  |
|  |  | [S3‑241396](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241396.zip) | CAT256 - New KI for CAT\_256 on Flexibility to adjust the preference on security algorithms | Apple | pCR | [Ericsson]: Propose to note (not needed) |  |
|  |  | [S3‑241171](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241171.zip) | New Key Issue on different length of cryptographic key in EPS and 5GS interworking | ZTE Corporation | pCR | [Ericsson]: Propose to note (not needed)  [Qualcomm]: requires clarification and possibly changes before it can be approved  [Qualcomm]: requires clarification and possibly changes before it can be approved (note: this is a resend of previous comments due to thread splitting) |  |
|  |  | [S3‑241288](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241288.zip) | Introduction of AEAD Algorithm for Air-link Data Protection | Nokia, Nokia Shanghai Bell | pCR | [Ericsson]: Propose to postpone |  |
|  |  | [S3‑241289](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241289.zip) | Introduction of AEAD Algorithm and the Order of Data Protection | Nokia, Nokia Shanghai Bell | pCR | [Ericsson]: Propose to postpone |  |
|  |  | [S3‑241291](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241291.zip) | Discussion on AEAD Properties | Nokia, Nokia Shanghai Bell | discussion | [Ericsson]: Propose to note (since this is for discussion) |  |
|  |  | [S3‑241172](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241172.zip) | New Solution on different length of cryptographic key in EPS and 5GS interworking | ZTE Corporation | pCR | [Ericsson]: Propose to note (not needed) |  |
|  |  | [S3‑241362](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241362.zip) | Add sol on 256 bits algorithm selection in 5G system | OPPO | pCR | [Ericsson]: proposes to merge this contribution into 1391 |  |
|  |  | [S3‑241391](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241391.zip) | New solution for specifying usage of new encryption and integrity protection algorithms in the 5G system | Ericsson | pCR |  |  |
|  |  | [S3‑241395](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241395.zip) | CAT256 - New solution for CAT\_256 on correctly indication | Apple | pCR | [Ericsson]: proposes to merge this contribution into 1391 |  |
|  |  | [S3‑241397](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241397.zip) | CAT256 - New solution for CAT\_256 on Flexibility to adjust the preference on security algorithms | Apple | pCR | [Ericsson]: Propose to note (not needed) |  |
|  |  | [S3‑241481](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241481.zip) | Solution on Key Hierarchy | OPPO | pCR | [Nokia]: does not agree, because the backward compatibility aspect is NOT taken into consideration  [Ericsson]: (Correcting subject line) Propose to note  We don't need a KI, Solution or conclusion for this. We can do this in normative phase with minimal effort.  [Qualcomm]: propose to note |  |
|  |  | [S3‑241377](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241377.zip) | Conclusion on 256 bits algorithms selection in 5G system KI | OPPO | pCR | [Ericsson]: proposes to postpone conclusion discussions to the next meeting, so propose to note for this meeting |  |
|  |  | [S3‑241482](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241482.zip) | Conclusion on Key Hierarchy KI | OPPO | pCR | [Nokia]: does not agree, because the backward compatibility aspect is NOT taken into consideration  [Ericsson]: (Correcting subject line) Propose to note  We don't need a KI, Solution or conclusion for this. We can do this in normative phase with minimal effort.  [Qualcomm]: propose to note |  |
| 5.6 | Study on mitigations against bidding down attacks | [S3‑241344](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241344.zip) | New key issue on guidance for legacy devices | Huawei, HiSilicon | other | [Deutsche Telekom] : modification proposal to avoid limitation  [Qualcomm]: asks more clarification on the scope and intention of this key issue  [Apple]: kindly request the clarification of the key issue.  [vivo]: asks clarification before approval.  [Ericsson]: proposes to add security requirement  [Xiaomi]: provides some comments  <CC2>  Apple: see comments in email, if it is guidance, it is not KI  DT: it is not GERAN and UTRAN, but "or"  vivo: agree with Apple, maybe change it to Annex  Lenovo: maybe make this a separate clause  Huawei: could be a possibility, but want to refrain from changing the skeleton now.  </CC2> |  |
|  |  | [S3‑241398](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241398.zip) | MiBiDA - New solution for mitigating bidding down attack | Apple | pCR |  |  |
|  |  | [S3‑241405](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241405.zip) | Solution to prevent GERAN/UTRAN bidding down attack | Samsung | pCR |  |  |
|  |  | [S3‑241439](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241439.zip) | New Solution for Key Issue 1 | Nokia | pCR |  |  |
|  |  | [S3‑241469](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241469.zip) | New solution for mitigating GERAN UTRAN bidding down attack | Xiaomi communications | pCR |  |  |
|  |  | [S3‑241483](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241483.zip) | Solution to KI#1 on Bidding down mitigation | Lenovo | pCR | <CC2>  Sheeba presents  Huawei: reasonable explanation  Huawei, rapporteur: document all solutions with limitation in the evaluation  CableLabs: merge the similar solutions  Huawei: no merger discussed so far.  E//: is there a concrete timeline, could use May meeting for additional feedback  Huawei: set up extra conf call  vivo: looks like solutiosn are converged, three types of solutions, send to CT or RAN to check the dependencies  Lenovo: continue to align on email  </CC2> |  |
|  |  | [S3‑241182](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241182.zip) | New solution on Reuse SoR procedure for bidding down attack mitigation | vivo | pCR |  |  |
|  |  | [S3‑241173](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241173.zip) | New Solution for KI#1 | ZTE Corporation | pCR | [Deutsche Telekom] : requests further clarification, since solution description seems incomplete  [ZTE] : provide feedback to Deutsche Telekom.  [Huawei]: asks for clarifications and addition to evaluation  [ZTE] : provide feedback to Huawei.  [Apple] : provide comments and kindly ask for revision before approval.  [ZTE]: provide R1 {<https://www.3gpp.org/ftp/tsg_sa/WG3_Security/TSGS3_115AdHoc-e/Inbox/Drafts/draft_S3-241173_r1%20New%20Solution%20for%20KI%231.docx>}  <CC2>  DT: not to have this allow list mandated, because later there is a check.  ZTE: suggest to provide an allow list so UE can make a selection  Huawei: thank you for clarification  </CC2> |  |
|  |  | [S3‑241338](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241338.zip) | Solution for configured operator indication | Huawei, HiSilicon | pCR | [Lenovo]: Asks for clarifications and revisions  [Qualcomm] : asks clarifications before approval  [vivo] : asks clarifications before approval |  |
|  |  | [S3‑241342](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241342.zip) | Solution for registration-based provisioning of list of decommissioned systems | Huawei, HiSilicon | pCR | [Lenovo]: Asks for clarifications and revisions  [Qualcomm] : asks clarifications and revision before approval |  |
|  |  | [S3‑241343](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241343.zip) | Solution for UPU-based provisioning of list of decommissioned systems | Huawei, HiSilicon | pCR | [Lenovo]: Asks for clarifications and revisions  [Qualcomm] : asks clarifications and revision before approval  [ZTE]: ask clarifications. |  |
| 5.7 | Study on security Aspects of 5G Satellite Access Phase 2 | [S3‑241307](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241307.zip) | Addressing the editor's note on the security assumption | Huawei, HiSilicon, Interdigital, Ericsson, Nokia, Nokia Shanghai Bell, Intel, CATT, Xiaomi, China Telecom | pCR |  |  |
|  |  | [S3‑241268](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241268.zip) | Update KI#1 of TR 33.700-29 | China Telecom Corporation Ltd. | pCR | [Samsung] : 1268 is merged into 1408. |  |
|  |  | [S3‑241308](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241308.zip) | Addressing the editor's note in the key issue on store and forward Satellite Operation | Huawei, HiSilicon, Interdigital, Ericsson, Nokia, Nokia Shanghai Bell, Intel, Xiaomi, China Telecom | pCR |  |  |
|  |  | [S3‑241325](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241325.zip) | Update to the Store and forward KI | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241352](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241352.zip) | pCR to TR33.700-29 Update key issue#1 | CATT | pCR |  |  |
|  |  | [S3‑241162](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241162.zip) | New Solution for KI#1 | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241207](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241207.zip) | Secure Initial Registration for S&F Satellite Operation | Intel | pCR | [Nokia]: Asks for clarifications.  <CC2>  Nokia: step 2 is an unprotected NAS reject, with a long timer  Huawei: second round of attach may be a different satellite.  </CC2> |  |
|  |  | [S3‑241222](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241222.zip) | Solution on the authorization mechanism for uplink NAS message in S&F Satellite Operation | Huawei, HiSilicon | pCR | [Nokia]: Request for clarification.  <CC2>  Suresh: has there been a conclusion in RAN2?  Huawei: for timer issue, there is a discussion in SA2, and then in CT groups.  IDCC: please clarify if DoS attack is possible before step 1, so there will be a problem without step 1 protection,  Huawei: for first initial message, this can be left for implementation, continue discussion by email  </CC2> |  |
|  |  | [S3‑241228](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241228.zip) | New solution of onboard UDM | China Mobile | pCR |  |  |
|  |  | [S3‑241295](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241295.zip) | Solution for Authentication for Store and Forward Satellite Operation | OPPO Beijing | pCR | [Samsung]: requests clarification  [OPPO]: provides clarification. |  |
|  |  | [S3‑241463](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241463.zip) | New solution on attach procedure with eNB on board the satellite in TR 33.700-29 | Beijing Xiaomi Mobile Software | pCR |  |  |
|  |  | [S3‑241464](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241464.zip) | New solution on authorization method during S&F MO transmission in TR 33.700-29 | Beijing Xiaomi Mobile Software | pCR |  |  |
|  |  | [S3‑241465](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241465.zip) | New solution on attach procedure with MME on board the satellite in TR 33.700-29 | Beijing Xiaomi Mobile Software | pCR |  |  |
|  |  | [S3‑241485](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241485.zip) | New solution for Key Issue #1 | THALES | pCR | [Nokia]: Request for clarification. |  |
|  |  | [S3‑241486](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241486.zip) | New solution based on IOPS for Key Issue #1 | THALES | pCR |  |  |
|  |  | [S3‑241488](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241488.zip) | Solution on store and forward Satellite Operation | Lenovo | pCR | [Samsung]: requests clarification  [Lenovo]: provides clarification and rev1 |  |
|  |  | [S3‑241309](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241309.zip) | solution on the security protection for store and forward Satellite Operation | Huawei, HiSilicon | pCR | [Samsung]: provides comment  [Huawei]: provides feedback.  [Samsung]: is fine with the NOTE  [Huawei]: provides r1 with an additional note.  <CC2>  IDCC: stored with priority is hard to verify, so it is like a deployment option.  Huawei: add a Note, this solution is a part that will coordinate with other solutions. Revision exists already → email  </CC2> |  |
|  |  | [S3‑241348](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241348.zip) | pCR to TR33.700-29 New solution UE Attach or Registration method for S&F operation | CATT | pCR |  |  |
|  |  | [S3‑241350](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241350.zip) | pCR to TR33.700-29 New solution UE context management for S&F operation | CATT | pCR |  |  |
|  |  | [S3‑241406](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241406.zip) | Solution for optimization of authentication procedure in S&F operation | Samsung | pCR | [Nokia]: Request for clarification. |  |
|  |  | [S3‑241407](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241407.zip) | New solution on preventing DoS attacks in S&F operation | Samsung | pCR |  |  |
|  |  | [S3‑241433](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241433.zip) | IOPs based solution for S&F between the UE and satellite | Qualcomm Incorporated | pCR |  |  |
|  |  | [S3‑241440](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241440.zip) | New Solution : Primary authentication and NAS security context establishment during store-and-forward operations | Nokia | pCR |  |  |
|  |  | [S3‑241408](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241408.zip) | Key issue on privacy attacks in S&F operatio | Samsung | pCR |  |  |
|  |  | [S3‑241441](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241441.zip) | Key issue on security and privacy aspects of emergency reporting during S&F operations | Nokia | pCR |  |  |
|  |  | [S3‑241259](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241259.zip) | Key issue on Security for UE-Satellite-UE communication | China Telecom Corporation Ltd. | pCR | [Philips]: Proposes to merge S3-241259 with S3-241444 (as baseline). |  |
|  |  | [S3‑241443](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241443.zip) | New KI : Privacy aspects of UE-satellite-UE communication | Nokia, Philips International B.V., Lenovo, InterDigital | pCR |  |  |
|  |  | [S3‑241444](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241444.zip) | New KI - UE-satellite-UE communication security | Philips International B.V., Nokia, Lenovo, InterDigital | pCR |  |  |
|  |  | [S3‑241489](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241489.zip) | Solution on UE-satellite-UE communication security | Lenovo | pCR |  |  |
|  |  | [S3‑241183](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241183.zip) | New solution on mitigation of privacy issues of interim GUTI | vivo | pCR |  |  |
| ‍ |  | S3-241496 | LS to SA2, RAN2, and RAN3 on selected satellite architecture for Store and Forward | InterDigital | LS-out | <CC2>  Rakshesh presents -r1  Huawei: maybe RAN3 can be put into CC  IDCC: also ok.  Huawei: number is dynamic, so can be removed  IDCC: showing that this is more than 2, will add a date, is 20 out of 42  Suresh: what are we asking?  IDCC: need to pare down solutions, prefer to have conclusion, but that would only happen by May, if not September  CMCC: SA3 should influence SA2 when choosing, based on security  CATT: agree with CMCC, many solutions, but three types,  Huawei: Security may impact the choice of architecture, and there will be a LS from SA2 on this  Thales:  DCM: is it realistic that SA3 has made a decision for an architecture, so maybe give some feedback on the three types of solutions based on impact of security, not clear what exactly needs to be ansewered  Nokia: have a discussion about pros and cons of each kind of architecture  IDCC: purpose is to tell them to conclude on an architecture  Oppo: next SA2 is after our meeting, so reply is in August at earliest,.  Suresh: need to ask specific questions  Thales, SA2 rapporteur (on chat): plan to conclude in Jeju.  </CC2> |  |
| 5.8 | Study on security for mobility over non-3GPP access to avoid full primary authentication | [S3‑241415](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241415.zip) | Update on KI#1 | Samsung | pCR | [Nokia] : ask for clarification and propose to enhance the proposal.  [Samsung]: provides r1  [Huawei]: further clarification is needed before approval.  [Samsung]: provides clarification and r2 |  |
|  |  | [S3‑241416](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241416.zip) | Update on KI#2 | Samsung | pCR | [Nokia] : ask for clarification and propose to enhance the proposal.  [Samsung]: provides r1 |  |
|  |  | [S3‑241417](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241417.zip) | Update on KI#3 | Samsung | pCR | [Nokia] : ask for clarification and propose to enhance the proposal.  [Samsung]: provides r1 |  |
|  |  | [S3‑241418](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241418.zip) | Update on KI#4 | Samsung | pCR | [Nokia] : ask for clarification and propose to enhance the proposal.  [Samsung]: provides r1 |  |
|  |  | [S3‑241193](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241193.zip) | Discussion paper on TNAP Mobility solutions | Nokia | discussion | <CC2>  Saurabh presents  Lenovo: give priority to option 2, but can live with option 1  CableLabs: ok with option 1, why non-IEEE solutions  Lenovo: because it can work with all technologies, but can live with option 1  QC: The IEEE protocols are the key ones, as there mobility is happening, in plugged in solutions there is no big delay  CableLabs: agree with QC.  Lenovo: don't want to restrict the already defined scope of SA2  </CC2> |  |
|  |  | [S3‑241145](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241145.zip) | Discussion Paper on UE non-3GPP access Security re-establishment Considerations | Lenovo | pCR | [Ericsson] : Propose to note  <CC2>  Sheeba presents  CableLabs: in general agree, but if there is no conclusion in this meeting, clarify in May meeting, procedures to be reused  QC: TNAN not only contains two entities, but more entities can be contained that are out of scope, so the key holder can be a different entity  Lenovo: in figure below, the third entity is the root key holder, but IEEE specification says this interface is outside of scope,  cableLabs: in IEEE it is not well defined, agree with QC  Nokia: both discussion papers show same issue, agree here to limit our solutions  Suresh: so have one baseline?  Nokia: have option 1 as baseline  Suresh: can we use option 1 as baseline?  Charter: there are also category 1 and 2 in option 1. Can also the non IEEE solution be chosen  Nokia: both kind of solutions can be chosen  Charter: also non- fast BSS solution can be chosen?  Nokia: yes  QC: just go for IEEE protocols, just extra complexity, so no benefit in cat2 solutions  Suresh: is Option 2 in SA2 architecture  Nokia: 6 solutions are on the table, are both kind of solutions required  CableLabs: calling it non-IEEE protocol is confusing, don't want a company prorietary protocol, so either IETF or IEEE based.  Suresh: formulate these options, show of hands on Thursday.  </CC2> |  |
|  |  | [S3‑241430](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241430.zip) | Editorial corrections to solution #3 | Qualcomm Incorporated | pCR |  |  |
|  |  | [S3‑241196](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241196.zip) | solution for N5CW device | Nokia | pCR | [Samsung]: requests clarification  [Ericsson]: Requires clarification  [Lenovo]: Co-signs and support this document. |  |
|  |  | [S3‑241146](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241146.zip) | EAP-5G message alignment with TS 33.501 for Solution 1 and 2 | Lenovo | pCR |  |  |
|  |  | [S3‑241194](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241194.zip) | update on solution 1 | Nokia | pCR |  |  |
|  |  | [S3‑241356](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241356.zip) | New solution for KI#3 | LG Electronics | pCR | [Ericsson] : Propose to note  [Nokia] : ask for clarification.  [LGE] : provides clarification. |  |
|  |  | [S3‑241420](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241420.zip) | New solution on N5CW device mobility solution with Nonce | Samsung | pCR |  |  |
|  |  | [S3‑241144](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241144.zip) | Updates to Solution 4 | Lenovo | pCR | [Huawei]: Revision is needed before approval  [Lenovo]: Provides clarifications.  Also r1 is provided. |  |
|  |  | [S3‑241143](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241143.zip) | Solution for FBSS Adaptations to align with 5G architecture | Lenovo | pCR | [Ericsson] : Propose to note or revise r1  [Ericsson] : Propose to note or revise r2  [Huawei] : revise r2 needs to be revised before approval.  [Lenovo] : Provides clarifications.  Comment is not clear, asks clarity. |  |
|  |  | [S3‑241490](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241490.zip) | Mobility of N5CW devices | Lenovo | pCR | [Nokia] : ask for clarification.  [Lenovo] : provides clarification. |  |
|  |  | [S3‑241357](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241357.zip) | New solution for KI#2 | LG Electronics | pCR | [Ericsson] : Propose to note  [Nokia] : ask for clarification and provide reply to E//  [LGE] : provides clarification to Ericsson and Nokia. |  |
|  |  | [S3‑241192](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241192.zip) | solution for AUN3 device | Nokia | pCR |  |  |
|  |  | [S3‑241336](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241336.zip) | Update Taks 2 in assumption clause | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241337](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241337.zip) | Update assumption for NSWOF case by refering to the clasue in 33.501 | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241419](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241419.zip) | New solution on AUN3 device mobility solution with Nonce | Samsung | pCR |  |  |
|  |  | [S3‑241148](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241148.zip) | Solution for KI#4 UE authentication while connecting to a new WLAN AP through the same NSWOF | Charter Communications, Inc | pCR | [Nokia] : ask for clarification.  [Ericsson]: Propose to note  [Charter] : Provides response for Nokia's clarification question  [Charter]: Charter responds to Ericsson |  |
|  |  | [S3‑241197](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241197.zip) | solution for NSWO | Nokia | pCR | [Huawei]: Revision is needed before approval |  |
|  |  | [S3‑241431](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241431.zip) | Solution to KI#4 using FT | Qualcomm Incorporated | pCR | [Ericsson] : Question  [Nokia] : ask for clarification.  [Lenovo] : ask for clarification and updates. |  |
|  |  | [S3‑241198](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241198.zip) | solution mapping | Nokia | pCR |  |  |
|  |  | [S3‑241429](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241429.zip) | Clarifications/corrections on linking solutions to key issues | Qualcomm Incorporated | pCR |  |  |
|  |  | [S3‑241432](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241432.zip) | Proposed conclusion for key issue #4 | Qualcomm Incorporated | pCR | [Ericsson] : Propose to note  [Nokia] : Propose to note. |  |
|  |  | [S3‑241195](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241195.zip) | Clean up | Nokia | pCR |  |  |
| 5.9 | Study on security Aspect of Ambient IoT Services in 5G | [S3‑241476](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241476.zip) | Skeleton of TR 33.713 AIoT Security | OPPO | draft TR |  |  |
|  |  | [S3‑241477](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241477.zip) | Scope of TR 33.713 | OPPO, InterDigital | pCR |  |  |
|  |  | [S3‑241301](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241301.zip) | Discussion on Security Aspects on Ambient IoT Service | Huawei, HiSilicon, China Unicom, China Telecom | discussion |  |  |
|  |  | [S3‑241163](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241163.zip) | Add some context to security assumptions | ZTE Corporation | pCR | [Ericsson] : provides comments  [ZTE] : Provide details. |  |
|  |  | [S3‑241353](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241353.zip) | pCR to TR33.713 Clause 4 Security Architecture and Assumptions | CATT | pCR | [Interdigital]: Requires clarification and changes.  [Qualcomm]: share the same view with Interdigital for the second assumption. Propose to remove it  [Ericsson] : provides questions  [Xiaomi] : provides comments  [CATT]: I am ok to remove the second assumption.  [Huawei]: propose to remove the second requirement. |  |
|  |  | [S3‑241375](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241375.zip) | AIoT: Security architecture for Ambient Services in 5G network | Ericsson | pCR | [OPPO]: Propose to NOTE.  [Ericsson]: Provides comments and questions  [OPPO]: Provide reply.  [Huawei]: generally agree with OPPO and propose to note for this meeting.  [vivo]: propose to note.  [Thales]: disagrees and proposes change.  [Ericsson]: provides r1  [Lenovo]: requests revision |  |
|  |  | [S3‑241376](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241376.zip) | AIoT: Security assumptions for Ambient IoT services in 5G network | Ericsson | pCR | [Interdigital]: Requires clarification and changes.  [OPPO]: Propose to NOTE.  [Ericsson]: Propose r1 and some comments.  [Ericsson]: Re-send. Provides r2.  [Interdigital]: Provides comments for the rest of the bullets per Ericsson's request.  [Xiaomi]: Provides comments and requires clarification  [Huawei]: propose to note.  [vivo]: propose to note. |  |
|  |  | [S3‑241401](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241401.zip) | AIoT - Security assumption for Ambient IoT | Apple | pCR | [Ericsson] : provides comments and propose to note  [Thales]: disagrees and proposes to note.  [Apple]: clarify to Ericsson  [Apple]: clarify to Thales and propose to revise. |  |
|  |  | [S3‑241459](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241459.zip) | Security assumption of 5G Ambient IoT services | Beijing Xiaomi Mobile Software | pCR | [Ericsson] : provides comments and propose to note |  |
|  |  | [S3‑241114](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241114.zip) | New key issue for security procedure efficiency for AIoT device | vivo | pCR | [Ericsson] : propose to note  [vivo] provide a wayforward.  [Ericsson] : provides comments |  |
|  |  | [S3‑241153](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241153.zip) | Key Issue on security mechanisms for AIoT system | Xidian University | pCR |  |  |
|  |  | [S3‑241354](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241354.zip) | pCR to TR33.713 New key issue on security protection of Ambient IoT system | CATT | pCR |  |  |
|  |  | [S3‑241478](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241478.zip) | KI on Device Resource Limitation | OPPO | pCR |  |  |
|  |  | [S3‑241479](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241479.zip) | KI on Credential Management | OPPO | pCR | [Thales]: disagrees and proposes to note. |  |
|  |  | [S3‑241112](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241112.zip) | New key issue for AIoT device authentication and authorization | vivo | pCR |  |  |
|  |  | [S3‑241151](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241151.zip) | New KI for TR 33.713 - Security | InterDigital, Inc. | pCR | [OPPO]: Propose to merge all authentication related KI and requirements into general security requirements and use S3-241151 as baseline. R1 is uploaded.  [Interdigital]: No comments on the S3-241151r1.  [Ericsson]: proposes not to merge into S3-241151 but have three separate key issues for various scenarios as captured in S3-241282, S3-241283, S3-241284, by taking these three documents as baselines.  [OPPO]: Comments for S3-241283.  [Huawei]: disagree with r1 and propose to discuss the authentication issue in the official conference call.  [Ericsson]: Let's discuss S3-241283 and S3-241284 in their respective threads.  <CC2>  Marcus presents -r1  CATT: want to merge 1354 into 1151  Thales: requirement for mutual authentication between 3GPP network, that it could happen on application or on access level, need to have this  DCM: merge communication security requirement into this  Huawei: remove the mutual, in some use cases, no mutual authentication is required  QC: general concern on this KI, as RAN2 has not decided anything on communication procedures, not sure whether mutual authentication needs to be specified.  E//: this is not a merger of the subparts, there are separate threats, how will we proceed  DCM: need to work on individual threats for individual use cases later  </CC2> |  |
|  |  | [S3‑241164](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241164.zip) | KI for AIoT device authentication and authorization | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241264](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241264.zip) | KI Authentication and identity of type A and B device | Nokia | pCR |  |  |
|  |  | [S3‑241297](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241297.zip) | KI on Protection of Information Transfer for AIoT Services | OPPO Beijing | pCR |  |  |
|  |  | [S3‑241282](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241282.zip) | New key issue for connectivity authentication in Ambient IoT | Ericsson | pCR |  |  |
|  |  | [S3‑241283](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241283.zip) | New key issue for application layer authentication in Ambient IoT | Ericsson | pCR | [Huawei]: clarification is needed, otherwise noted.  [Ericsson]: provides clarification to Oppo and Huawei |  |
|  |  | [S3‑241284](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241284.zip) | New key issue for Authenticated and authorized access to devices in Ambient IoT via 3GPP core | Ericsson | pCR | [Huawei]: proposed to note.  [Ericsson]: provides clarification to Oppo and Huawei |  |
|  |  | [S3‑241303](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241303.zip) | key issue on authentication for AIoT devices in network side | Huawei, HiSilicon, China Unicom, China Telecom | pCR | [Huawei] : provides r1 based on the feedback in the conference call.  [Ericsson]: Requires changes. Proposes to merge it into S3-241282.  [Huawei]: provides feedback.  [OPPO]: Propose to close this thread and move discussion to S3-241151 thread. |  |
|  |  | [S3‑241399](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241399.zip) | AIoT - New KI for Ambient IoT on Authentication | Apple | pCR |  |  |
|  |  | [S3‑241460](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241460.zip) | Key issue for authorization for 5G Ambient IoT services | Beijing Xiaomi Mobile Software | pCR |  |  |
|  |  | [S3‑241304](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241304.zip) | key issue on protection for the command and data transferring | Huawei, HiSilicon, China Unicom, China Telecom | pCR | [Huawei]: propose to merge into S3-241435 and use S3-241435 as baseline  [Interdigital]: Agree with HW on merging into the baseline from #435. |  |
|  |  | [S3‑241371](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241371.zip) | AIoT: New key issue for Traffic protection of AF - NEF interface | Ericsson | pCR | [Huawei]: clarification is required otherwise noted.  [Ericsson] : provides comments  [Apple]: kindly request clarification before approval.  [OPPO]: kindly request clarification before approval.  [Qualcomm]: provides a comment: this key issue may not be needed as we have an existing mechanism for this issue. |  |
|  |  | [S3‑241372](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241372.zip) | AIoT: New key issue for integrity protection of communication messages sent between AIoT device and 5G network | Ericsson | pCR | [Huawei]: propose to merge into S3-241435 and use S3-241435 as baseline |  |
|  |  | [S3‑241373](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241373.zip) | AIoT: New key issue for encryption of communication messages sent between AIoT device and 5G network | Ericsson | pCR | [Huawei]: propose to merge into S3-241435 and use S3-241435 as baseline  [Interdigital]: Agree with HW on merging into the baseline from #435.  [OPPO]: Propose to close this thread and move discussion to S3-241435 thread. |  |
|  |  | [S3‑241374](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241374.zip) | AIoT: New key issue for protection of the transfer of security capability of the AIoT device | Ericsson | pCR | [Huawei]: propose to merge into S3-241435 and use S3-241435 as baseline  [Interdigital]: Not sure that this KI proposal can be merged into the baseline from #435.  [Ericsson]: Provides comments  [Interdigital]: Provides additional clarification and comments  [Huawei]: generally agree with Interdigital.  [Qualcomm]: provides comments and proposes to use 241435 as a KI for communication security aspect.  [OPPO]: provides comments. |  |
|  |  | [S3‑241400](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241400.zip) | AIoT - New KI for Ambient IoT on communication security | Apple | pCR | [Huawei]: propose to merge into S3-241435 and use S3-241435 as baseline |  |
|  |  | [S3‑241435](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241435.zip) | New Key Issue on the protection of information during AIoT service communication | Qualcomm Incorporated | pCR | [Interdigital]: Agree with HW on #435 as a baseline for this KI.  Rapporteur, kindly ask QC to hold the pen for the merger.  [OPPO]: Propose to use as a baseline for merging communication related KI and requirements.  [Qualcomm]: Agree to use this (241435) as a baseline for this KI. Provide r1 for the merger  [Apple]: Agree to merge and use 1435 as the base line.  [vivo]: r1 is OK, and please add vivo as cosigner, thanks.  [Ericsson] : requires updates, otherwise noted  [Apple]: not agree with Ericsson proposal, kindly request Ericsson to clarify their comments.  [Nokia]: Provides comments before acceptable.  [Lenovo]: requests clarification  <CC2>  Marcus presents r1, to be used as baseline  Nokia: so all contributions are merged into this one?  Oppo: except for those between 5G core and AF, and those on device capabaility  Nokia: not cost, but low complextiy of device as constraints,  Apple: can we use shall in TR requirements?  Oppo: because it is potential requirements.  Lenovo: wording: be able to rather than shall; list (confidentiality, integrity, or anti replay) sounds like either or, or combination of those things, cosign  E//: problems understanding the requirement: the or, cannot accept the note, make a different key issue for confidentiality and integrity  DCM: need to add editor's note: it is FFS where does the service start and end?  Nokia: Note: what is the what does device type A, B, C actually support,  Thales: propose to remove the note  IDCC: change requirement to change or into and, also covers the capabilites protection, not a separate key issue is required to protect the capabilities.  Huawei: convert note to editors note or remove the note  </CC2> |  |
|  |  | [S3‑241113](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241113.zip) | New key issue on AIoT device ID privacy | vivo | pCR | [vivo] : provide r1.  [Xiaomi] : provides comments  [Apple] : provide comments.  [OPPO] : provide comments.  [Qualcomm]: proposes a revision before approval. Please check r2 that reflects the comments  [Nokia] : Provides comments and question to R2 before acceptable.  [CATT]: Provide comments to the requirements.  [Ericsson]:Requests revisions of r2 before agreeing.  <CC2>  Marcus presents -r2  vivo: some companies want the requirement more specific, some more general  Nokia: should → shall, cosign  E//: comments was in the email, like more specific security requirement, threats motivated by the use cases, need to indicate the adversary, should → shall, have been doing privacy studies for many years, long term identifier needs to be protected, requirement is long term identifier shall be protected, maybe say unlinkability,  Suresh: why mention long term identifier in particular  E//: referring a requirement that was in 1285  Apple: no strong opinion on shall vs should,  vivo: re E// commetnpermanent ID can be ciphered is too solution specific.  Huawei: need to discuss authnetication issue  DCM: requirement needs to be made more specific.  E//: threats need to be motivated based on use cases.  </CC2> |  |
|  |  | [S3‑241150](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241150.zip) | New KI for TR 33.713 - Privacy | InterDigital, Inc. | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241165](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241165.zip) | KI for AIoT device ID privacy | ZTE Corporation | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat.  [ZTE] : Fine to merge this contribution into S3-241113. |  |
|  |  | [S3‑241285](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241285.zip) | New key issue for identity privacy in Ambient IoT | Ericsson | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241300](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241300.zip) | Add KI on privacy protection for Ambient IoT device identifier | OPPO | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241358](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241358.zip) | pCR to TR33.713 New key issue on privacy protection of Ambient IoT system | CATT | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241436](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241436.zip) | New Key Issue on the privacy of information about AIoT device during AIoT service communication | Qualcomm Incorporated | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241462](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241462.zip) | Key issue for security and privacy for Ambient IoT information transmission | Beijing Xiaomi Mobile Software | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241494](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241494.zip) | AIoT device identifier privacy | Lenovo | pCR | [vivo] : propose to merge this contribution into S3-241113, and close discussion of this E-mail theat.  [Lenovo] : fine to merge into S3-241113, and close discussion of this E-mail theat. |  |
|  |  | [S3‑241302](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241302.zip) | key issue on the protection for enable/disable device operation | Huawei, HiSilicon, Telecom Italia, China Unicom, China Telecom | pCR | [Huawei]: provides r1.  [Xiaomi]: generally ok with r1  [Apple]: kindly request clarification before approval.  [OPPO]: provide suggestion  [Huawei]: provide feedback and r2.  [Apple]: provide feedback and fine with the revision. |  |
|  |  | [S3‑241370](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241370.zip) | AIoT: New key issue for disablingAIoT devices | Ericsson | pCR | [Huawei]: propose merge into S3-241302 and use S3-241302 as baseline.  [Ericsson]: provides comments  [Huawei]: provide feedback.  [Ericsson]: provides feedback. |  |
|  |  | [S3‑241461](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241461.zip) | Key issue for disable device operation in 5G Ambient IoT services | Beijing Xiaomi Mobile Software | pCR | [Huawei]: propose merge into S3-241302 and use S3-241302 as baseline. |  |
|  |  | [S3‑241152](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241152.zip) | New KI for TR 33.713 - DOS | InterDigital, Inc. | pCR |  |  |
|  |  | [S3‑241392](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241392.zip) | Solution for AIoT Lightweight Authentication Based on 5G-AKA | OPPO | pCR | [Ericsson] : Proposes to note. Let's agree on security requirement first before discussing solution. |  |
| 5.10 | SID on security aspects of Usage of User Identities | [S3‑241121](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241121.zip) | Draft TR 33.700-32 skeleton | InterDigital Belgium. LLC | draft TR | [Ericsson]: suggests update |  |
|  |  | [S3‑241122](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241122.zip) | TR 33.700-32 scope | InterDigital Belgium. LLC | pCR |  |  |
|  |  | [S3‑241124](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241124.zip) | TR 33.700-32 security assumptions | InterDigital Belgium. LLC | pCR | [Interdigital] : r1 merger of 1199, 1232, 1329, 1330, 1447.  [Huawei] : provide comments  [Xiaomi]: provides clarification and comments  [ChinaTelecom]: provides comments to r1.  [ZTE]: provide comments  [Ericsson]: requires updates |  |
|  |  | [S3‑241199](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241199.zip) | Security Assumptions | Nokia | pCR |  |  |
|  |  | [S3‑241232](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241232.zip) | Architecture and Security Assumptions in TR 33.700-32 | China Telecom Corporation Ltd. | pCR |  |  |
|  |  | [S3‑241329](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241329.zip) | New assumption on user ID case | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241330](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241330.zip) | New assumption on for non-3GPP device case | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241447](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241447.zip) | 33.700-32: Architecture and Security Assumptions | Xiaomi Technology | pCR |  |  |
|  |  | [S3‑241327](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241327.zip) | New definition: user ID and non-3GPP device ID | Huawei, HiSilicon | pCR | [Huawei] : r1 provided for proposed merger of 1327, 1328, and 1446.  [Xiaomi]: provides comments on r1 for further changes  [Ericsson]: r1 requires updates |  |
|  |  | [S3‑241328](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241328.zip) | New definition: user authentication and non-3GPP device authentication | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241446](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241446.zip) | 33.700-32: Terms | Xiaomi Technology | pCR |  |  |
|  |  | [S3‑241125](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241125.zip) | TR 33.700-32 new KI authentication and authorization of human user | InterDigital Belgium. LLC, Nokia | pCR | [Interdigital] : r1 merger of 1176, 1226, 1386, 1411, 1448.  [Xiaomi]: provides comments on r1 for further revision  [Ericsson]: r1 requires updates |  |
|  |  | [S3‑241176](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241176.zip) | KI on Authentication and Authorization of User Identifiers | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241226](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241226.zip) | New Key Issue of Authentication and Authorization of User ID | China Mobile | pCR | [Thales]: disagrees. |  |
|  |  | [S3‑241386](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241386.zip) | new key issue for user authentication and authorization | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241411](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241411.zip) | Key issue on User Authentication and Authorization | Samsung | pCR |  |  |
|  |  | [S3‑241448](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241448.zip) | 33.700-32: Key Issue on User Authentication and Authorization | Xiaomi Technology | pCR |  |  |
|  |  | [S3‑241126](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241126.zip) | TR 33.700-32 new KI authentication and authorization of non-3GPP device | InterDigital Belgium. LLC | pCR |  |  |
|  |  | [S3‑241220](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241220.zip) | Key issue #Y: Security of Authentication and Authorization of one or more non-3GPP devices behind one gateway UE or 5G-RG | Huawei, HiSilicon | pCR | [Huawei] : r1 provided for proposed merger of 1220, 1126, and 1233.  [Thales]: disagrees with the initial contribution and r1 since the authentication of non-3GPP device by 5GC is out of scope of the study.  [ChinaTelecom]: support this KI and provide comments.  [Ericsson]: r1 requires updates  [Nokia]: r1 requires updates. |  |
|  |  | [S3‑241233](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241233.zip) | Key Issue on authentication and authorization of non-3GPP device behind a UE or 5G-RG | China Telecom Corporation Ltd. | pCR |  |  |
|  |  | [S3‑241127](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241127.zip) | TR 33.700-32 new KI privacy of human user identifier | InterDigital Belgium. LLC, Nokia | pCR |  |  |
|  |  | [S3‑241177](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241177.zip) | KI on Privacy Protection of User Identity Profile | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241387](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241387.zip) | new key issue for user privacy protection | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241450](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241450.zip) | 33.700-32: Key Issue on User Privacy | Xiaomi Technology | pCR | [Xiaomi]: provides r1 of 1450 merging 1127, 1177 and 1387.  [Nokia]: ask clarification. |  |
|  |  | [S3‑241449](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241449.zip) | 33.700-32: Key Issue on Secure Credential Provisioning | Xiaomi Technology | pCR | [Thales]: disagrees and asks to note.  [Xiaomi]: provides feedback and r1 by removing the requirements on non-3GPP device |  |
|  |  | [S3‑241493](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241493.zip) | draft LS to SA2 on the definition of non-3GPP device identifier | Huawei, HiSilicon | LS out |  |  |
|  |  | [S3‑241331](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241331.zip) | Propose a LS to SA2 about non-3GPP device identifier | Huawei, HiSilicon | pCR |  |  |
| 5.11 | R19 SID on UAS security enhancement | [S3‑241224](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241224.zip) | Draft TR 33.759 skeleton (UAS) | Ericsson | draft TR |  |  |
|  |  | [S3‑241379](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241379.zip) | Overview and Security Assumption | Huawei, HiSilicon | pCR | [Ericsson] : Propose to merge (1254)  [Huawei] : agree to merge 1379 and 1254  [Ericsson] : Merged overview 1379-r1 (1379, 1254)  [Huawei] : provides 1379r2  [Ericsson] : fine with r2 |  |
|  |  | [S3‑241254](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241254.zip) | Overview of Uncrewed Aerial Systems (UAS) | Ericsson | pCR |  |  |
|  |  | [S3‑241269](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241269.zip) | Scope of TR 33.759 | Ericsson | pCR | [Ericsson] : Provides merged document (1269,1378) |  |
|  |  | [S3‑241378](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241378.zip) | Scope of TR 33.759 | Huawei, HiSilicon | pCR | [Ericsson] : Propose to merge (1269)  [Huawei] : Agree to merge 1378 and 1269  [Ericsson] : Provides merged document (1269,1378)  [Huawei] : fine with r1 |  |
|  |  | [S3‑241380](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241380.zip) | new key issue for security enhancements to NEF | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241381](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241381.zip) | new key issue for NWDAA security | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241132](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241132.zip) | TR 33.759 new KI UAV authorization for multi USS scenario | InterDigital Belgium. LLC | pCR |  |  |
| 5.12 | Study on security Aspects of Enhancement for Proximity Based Services in 5GS Phase 3 | [S3‑241321](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241321.zip) | Draft TR Skeleton of TR 33.743 ProSe Phase 3 | Huawei, HiSilicon | draft TR |  |  |
|  |  | [S3‑241322](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241322.zip) | TR Scope of TR 33.743 ProSe Phase 3 | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241360](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241360.zip) | pCR to TR 33.743 Scope | CATT | pCR |  |  |
|  |  | [S3‑241234](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241234.zip) | Overview and Security assumptions of TR 33.743 | China Telecom Corporation Ltd. | pCR | [China Telecom]: suggest to merge 1128, 1326, 1364 into 1234 and provide r1.  [CATT] : CATT is ok with the merger plan.  [Ericsson] : provides comments  [Huawei, HiSilicon]: replies to the comments from Ericsson.  [Ericsson]: reply to Huawei's comments and proposal  [Qualcomm]: proposes a change  [China Telecom]: provide clarification. |  |
|  |  | [S3‑241326](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241326.zip) | TR Assumptions of TR 33.743 ProSe Phase 3 | Huawei, HiSilicon | pCR | [China Telecom]: suggest merging in 1234.  [Huawei, HiSilicon]: Fine to merge into 1234. |  |
|  |  | [S3‑241364](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241364.zip) | pCR to TR33.743 Clause 4 Overview and Security Assumptions | CATT | pCR | [China Telecom]: suggest merging in 1234. |  |
|  |  | [S3‑241128](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241128.zip) | TR 33.743 Common References | InterDigital Belgium. LLC | pCR | [China Telecom]: suggest merging in 1234. |  |
|  |  | [S3‑241323](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241323.zip) | New KI for security and privacy aspects of multi-hop U2N discovery | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241457](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241457.zip) | Key issue for Security for Multi-hop UE-to-Network Relay | Beijing Xiaomi Mobile Software | pCR |  |  |
|  |  | [S3‑241248](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241248.zip) | New KI on Security and Privacy for multi-hop UE-to-Network Relays | China Telecom Corporation Ltd. | pCR |  |  |
|  |  | [S3‑241250](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241250.zip) | Key issue on Security for multi-hop UE-to-Network Relay discovery | China Telecom Corporation Ltd. | pCR |  |  |
|  |  | [S3‑241129](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241129.zip) | TR 33.743 new KI multihop U2N security | InterDigital Belgium. LLC | pCR |  |  |
|  |  | [S3‑241130](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241130.zip) | TR 33.743 new KI multihop U2N authorization | InterDigital Belgium. LLC | pCR |  |  |
|  |  | [S3‑241131](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241131.zip) | TR 33.743 new KI multihop U2N discovery security | InterDigital Belgium. LLC | pCR |  |  |
|  |  | [S3‑241270](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241270.zip) | Key issue of multiple hop U2N discovery | Ericsson | pCR |  |  |
|  |  | [S3‑241273](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241273.zip) | Key issue of multiple hop U2N communication | Ericsson | pCR |  |  |
|  |  | [S3‑241167](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241167.zip) | Key issue on authorization in the multi-hop UE-to-Network Relays scenario | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241169](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241169.zip) | Key issue on Security for multi-hop UE-to-Network Relays discovery | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241324](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241324.zip) | New KI for security and privacy aspects of multi-hop UE-to-UE discovery | Huawei, HiSilicon | pCR |  |  |
|  |  | [S3‑241458](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241458.zip) | Key issue for Security for Multi-hop UE-to-UE Relay | Beijing Xiaomi Mobile Software | pCR |  |  |
|  |  | [S3‑241253](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241253.zip) | New KI on Security and Privacy for Layer-3 multi-hop UE-to-UE Relays | China Telecom Corporation Ltd. | pCR |  |  |
|  |  | [S3‑241256](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241256.zip) | Key issue on Security for multi-hop UE-to-UE relay discovery | China Telecom Corporation Ltd. | pCR |  |  |
|  |  | [S3‑241166](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241166.zip) | Key issue on authorization in the layer-3 multi-hop UE-to-UE Relays scenario | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241168](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241168.zip) | Key issue on Security for layer-3 multi-hop UE-to-UE Relays discovery | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241271](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241271.zip) | Solution\_Security of multiple hop U2N discovery Model A | Ericsson | pCR |  |  |
|  |  | [S3‑241272](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241272.zip) | Solution\_Security of multiple hop U2N discovery Model B | Ericsson | pCR |  |  |
|  |  | [S3‑241274](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241274.zip) | Solution\_Security of multiple hop U2N communication | Ericsson | pCR |  |  |
| 5.13 | SID on security aspects of AIML enhancements | [S3‑241287](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241287.zip) | draft\_TR\_33.784- skeleton for AIML security | china mobile | pCR | [Nokia] : propose to add security assumption section. |  |
|  |  | [S3‑241290](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241290.zip) | Scope of TR 33.784 | china mobile | pCR |  |  |
|  |  | [S3‑241292](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241292.zip) | Overview of TR 33.784 | china mobile | pCR | [Huawei]: revision is needed. |  |
|  |  | [S3‑241442](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241442.zip) | Security Assumptions | Nokia | pCR | [CMCC] : propose to merge this contribution into S3-241292.  [Nokia] : propose not to merge because both CR points to different section of the TR skeleton.  [Huawei]: don't see the need for this proposal. |  |
|  |  | [S3‑241120](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241120.zip) | New Key Issue on Authorization of AIML Model Retrieval | InterDigital Communications | pCR | [Huawei]: ask for revision before it's approved.  [IDCC]: revision will be provided to address Rong's comment.  [Ericsson]: Ask for more clarifications before it's approved. |  |
|  |  | [S3‑241178](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241178.zip) | KI on Security on Supporting Direct AIML based Positioning | ZTE Corporation | pCR |  |  |
|  |  | [S3‑241184](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241184.zip) | New key issue for Privacy and Authorization on LCS to support Direct AIML based Positioning | vivo | pCR | [Huawei]: propose to merge into 1293.  [vivo]: agree the merge, let's close the E-mail threat here. |  |
|  |  | [S3‑241293](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241293.zip) | KI on security aspects on enhancements to LCS to support AIML | china mobile | pCR | [CMCC] : propose to use this contribution( S3-241293) as the baseline for positioning.  [OPPO] : agree use 1293 as baseline, provide comment  [Ericsson]: Agree using 1293 as baseline and provide some comments  [Huawei]: fine with using 1293 as basis.  [Nokia]: Agree using 1293 as baseline and provide some comments  [ZTE]: Agree using 1293 as baseline  [IDCC]: Agree to use 1293 as the starting point for the merge.  [Xiaomi]: agrees to use 1293 as the baseline and provides r1.  [Nokia]: assuming this is the merged version so commenting on this and asking for clarification before approval. |  |
|  |  | [S3‑241351](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241351.zip) | Add KI on Security for Direct AI/ML based Positioning | OPPO | pCR | [Huawei]: ask for revision before it goes approval.  [Nokia]: ask for clarification.  [Ericsson]: Ask for clarifications before it is approved or merged. |  |
|  |  | [S3‑241468](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241468.zip) | New KI on AI model authorization | Xiaomi communications | pCR | [Huawei]: propose to note rather than merging.  [Nokia]: propose to note rather than merging.  [Ericsson]: Propose to note rather than merging. |  |
|  |  | [S3‑241179](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241179.zip) | KI on Authorization of Members of The VFL Group | ZTE Corporation | pCR | [Huawei]: propose to merge into 241221.  [ZTE]: Agree to merge into 241221 and provide clarifications.  [Ericsson]: Ask for revision and updates. |  |
|  |  | [S3‑241185](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241185.zip) | New key issue on authorization of VFL member selection | vivo | pCR | [Huawei]: propose to merge into 241221.  [Nokia]: ask for clarification  [vivo]: agree to use 241221 as baseline and provide clarifications. |  |
|  |  | [S3‑241203](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241203.zip) | Authorization of members of the VFL group. | Nokia | pCR | [Huawei]: propose to merge into 241221. |  |
|  |  | [S3‑241221](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241221.zip) | New KI on authorization mechanism of selection of VFL participants in the VFL group, outside the PLMN | Huawei, HiSilicon | pCR | [Nokia]: ask for clarification  [Huawei]: provides answer.  [OPPO]: provide suggestion to revise |  |
|  |  | [S3‑241294](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241294.zip) | KI on Authorization of selection of members in VFL groups | china mobile | pCR | [Huawei]: propose to merge into 241221. |  |
|  |  | [S3‑241311](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241311.zip) | New KI on authorization of data access for supporting VFL | Huawei, HiSilicon | pCR | [Nokia]: ask for clarification before approval.  [Huawei]: provides clarification.  [OPPO]: ask further clarification.  [vivo]: propose to merge this contribution into 1221. |  |
|  |  | [S3‑241355](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241355.zip) | Add KI on authorization of selection of participant NWDAF and/or AF in VFL | OPPO | pCR | [Huawei]: propose to merge into 241221.  [OPPP]: agree to merge into 241221 |  |
|  |  | [S3‑241186](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241186.zip) | New key issue on privacy of VFL data and feature alignment | vivo | pCR |  |  |
|  |  | [S3‑241312](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241312.zip) | New KI on UE ID security and privacy of VFL between VFL members | Huawei, HiSilicon | pCR | [vivo] : propose to merge this contribution into S3-241186, and close discussion of this E-mail theat.  [Huawei]: don't agree using S3-241186 as basis. Prefer to use S3-241312 as basis.  [vivo] : Agree to use 1312 as baseline, and propose comments.  [Nokia] : asking for clarification before approval.  [Huawei]: provide clarification and r1. |  |
|  |  | [S3‑241119](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241119.zip) | New Key Issue on Privacy Protection in VFL Training Data | InterDigital Communications | pCR | [vivo] : propose to merge this contribution into S3-241186 or S3-241187, and close discussion of this E-mail theat.  [IDCC] : Discussion of potential merge of s3-241119 and S3-241186.  [Huawei]: Ask for clarification and revision, otherwise prefer to note.  [Nokia]: ask for clarification before approval  [Ericsson]: Ask for clarification, otherwise prefer to note |  |
|  |  | [S3‑241123](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241123.zip) | New Key Issue on Secure AIML Data Transfer | InterDigital Communications | pCR | [vivo] : propose to merge this contribution into S3-241187, and close discussion of this E-mail theat.  [IDCC] : Discussion of potential merge of s3-241119 and S3-241187.  [Huawei]: needs clarification and revision before it's approved.  [vivo]: propose to close E-mail discussion and discuss in S3-241187 thread. |  |
|  |  | [S3‑241187](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241187.zip) | New key issue on security of VFL training | vivo | pCR | [vivo] : provide r1.  [Nokia] : asking for clarification before approval  [OPPO] : asking for clarification before approval  [vivo] : provide clarification. |  |
|  |  | [S3‑241349](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241349.zip) | Add KI on security for AI/ML model sharing between NWDAF and AF in VFL | OPPO | pCR | [vivo] : propose to merge this contribution into S3-241187, and close discussion of this E-mail theat.  [OPPO] : Not agree with the baseline, and clarification on technical problem  [vivo] : Withdraw merge proposal, since this key issue focus on different part, and provide additional comments.  [Huawei]: Clarification needed before it's approved.  [Nokia]: Clarification needed before approval  [OPPO]: Provide clarification, propose merge 1349 into VFL authorization and close this thread |  |
|  |  | [S3‑241346](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241346.zip) | Add KI on security for AI/ML model sharing between NWDAF | OPPO | pCR |  |  |
| 5.14 | SID\_EdgeComputing | [S3‑241216](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241216.zip) | Overviw of Edge Computing | Huawei, HiSilicon | pCR | [Nokia]: proposes to merge in S3-241225 and close this thread.  [Huawei] : prefer to revise the S3-241125, and keep S3-241216 as it is. |  |
|  |  | [S3‑241217](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241217.zip) | Skeleton of Edge Computing | Huawei, HiSilicon | pCR | [Nokia]: proposes to remove the classification of KIs based on the WG.  [Huawei] : provide feedback.  [Ericsson]: comments |  |
|  |  | [S3‑241225](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241225.zip) | Scope of TR 33.749 | China Unicom | pCR | [Ericsson]: it requires a revision before approval |  |
|  |  | [S3‑241368](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241368.zip) | pCR KI Security aspects of the traffic exchanged between local and central part of the DN | Nokia, Nokia Shanghai Bell | pCR | [Huawei] : request clarification.  [Nokia]: provides clarifications  [Huawei] : Provide feedback. |  |
|  |  | [S3‑241218](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241218.zip) | EEC provided information verification | Huawei, HiSilicon | pCR | [Huawei] : Provide r1 based on S3-241218, S3-241367, S3-241388, and S3-241409, and use S3-241218 as baseline.  [Nokia]: Objection. The formulation of the KI does not address comprehensively the fourth objective of the SID and neglects a security problem in the use of the IP address.  [Huawei] : provide feedback to NOKIA, and disagree with the objection.  [Nokia]: provides clarification and proposes to continue the discussion in -1367.  [Ericsson]: r1 requires a revision before approval |  |
|  |  | [S3‑241367](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241367.zip) | pCR KI Secure retrieval of 5G system UE Ids and privacy related information | Nokia, Nokia Shanghai Bell | pCR | [Nokia]: provides -r1  [Ericsson]: original contribution and r1 are not ok |  |
|  |  | [S3‑241388](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241388.zip) | New key issue on EEC provided IP address verification | Ericsson | pCR | [Nokia]: proposes to merge in S3-241367 -r1. |  |
|  |  | [S3‑241409](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241409.zip) | Key issue on EEC provided information verification | Samsung | pCR | [Nokia]: proposes to merge in S3-241367 -r1. |  |
|  |  | [S3‑241345](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241345.zip) | Move Solution#30 from TR33.739 to TR33.749 | Huawei, HiSilicon | pCR | [Nokia]: proposes to note the contribution.  [Ericsson]: it requires clarification and revision before approval |  |
|  |  | [S3‑241389](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241389.zip) | New key issue on Edge Node Sharing | Ericsson | pCR | [Huawei] : request clarification.  [Nokia]: request clarifications |  |
|  |  | [S3‑241215](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241215.zip) | New KI on authorization of AF outside the operator domain | Huawei, HiSilicon | pCR | [Ericsson]: clarification and/or revision is required before approval  [Nokia]: Clarification is required before approval |  |
| 5.15 | SID on security aspects for Multi-Access | [S3‑241201](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241201.zip) | Draft TR 33.754 skeleton (Multi-Access) | Intel | draft TR | [Ericsson]: Proposes update to the Solutions skeleton  [Nokia]: OK with the skeleton. The impact of the solutions in the system should be part of the evaluation.  [Ericsson]: replies to Nokia regarding EN |  |
|  |  | [S3‑241204](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241204.zip) | Scope of TR 33.754 | Intel | pCR | [Nokia]: Requires clarifications related to the DualSteer device understanding.  [Huawei]: Revision is needed before approval |  |
|  |  | [S3‑241191](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241191.zip) | Update to New SID on security aspects for Multi-Access (DualSteer + ATSSS Ph-4) | NEC Corporation | SID revised | [Ericsson] : provides comments/questions  [Nokia]: Requires clarifications related to the DualSteer device understanding.  [NEC]: Responds to Nokia that the two USIMs are corelated at the UDM and authentication procedures are independent.  [NEC] : responds to Ericsson  [Huawei]: don't understand the issue.  [Nokia]: request clarifications |  |
|  |  | [S3‑241205](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241205.zip) | Security Assumptions | Intel, Nokia | pCR | [Huawei]: clarification is needed before approval  [Nokia]: provides clarification, and -r1. |  |
|  |  | [S3‑241318](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241318.zip) | New key issue about security architecture for non-3GPP access | Huawei, HiSilicon | pCR | [Nokia]: Proposes to note the contribution or merge it in -1204 (scope), eventually in -1205 |  |
|  |  | [S3‑241335](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241335.zip) | New assumption all wifi AP used in ATSSS-Lite are untrusted | Huawei, HiSilicon | pCR | [Ericsson]: asks for clarification  [Huawei]: reply to Ericsson  [Nokia]: proposes a compromise text for the assumption.  [Ericsson]: proposes an assumption to be replaced with existing one |  |
|  |  | [S3‑241491](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241491.zip) | KI on IPsec on user plane and/or control plane of untrusted non-3GPP access | Lenovo | pCR |  |  |
|  |  | [S3‑241180](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241180.zip) | KI on Security on simplified ATSSS architecture over non-3GPP access | ZTE Corporation | pCR | [Nokia]: proposes to merge into S3-241204 (Scope)  [ZTE]: Agree to merge into S3-241204 |  |
|  |  | [S3‑241365](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241365.zip) | pCR KI Authentication of UE in Non-3GPP Access | Nokia, Intel | pCR | [Huawei]: propose to merge to S3-241317, or revise is needed before approval.  [Nokia]: provides clarifications.  [Huawei]: provides clarifications. |  |
|  |  | [S3‑241366](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241366.zip) | pCR KI Confidentiality and integrity protection of the communication between UE and 5GCore in Non-3GPP Access | Nokia, Intel | pCR |  |  |
|  |  | [S3‑241317](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241317.zip) | New key issue for authentication of UE for non-3GPP access | Huawei, HiSilicon | pCR | [Ericsson]: proposes to revise and merge with other KI:s on UE auth, using S3-241317 as baseline.  [Ericsson:] would like to withdraw previous comment due to wrong agenda item.  [Ericsson]: would like to withdraw previous comment due to wrong agenda item.  [Nokia]: proposes to merge this contribution into S3-241365 (baseline)  [Huawei]: proposes to use this as basis.  [Nokia]: kindly insists on using S3-241365 as baseline. |  |
|  |  | [S3‑241471](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241471.zip) | New KI on authentication between UE and UPF | Xiaomi communications | pCR | [Nokia]: proposes to merge into S3-241365  [Huawei]: we think this can be either revised and approved or merged.  [Nokia]: disagrees on revising this KI, and to split the topic in tiny issues.  [Ericsson]: proposes to merge this into S3-241317  [Nokia]: proposes to merge this into S3-241365 |  |
|  |  | [S3‑241472](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241472.zip) | New KI on security method negotiation for UE and UPF | Xiaomi communications | pCR | [Nokia]: proposes to note this contribution. |  |
|  |  | [S3‑241473](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241473.zip) | New KI on UPF topology hiding | Xiaomi communications | pCR | [Nokia]: OK with the contribution and proposes -r1. |  |
|  |  | [S3‑241492](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241492.zip) | Solution on IPsec on user plane and/or control plane of untrusted non-3GPP access | Lenovo | pCR | [Huawei]: propose to focus on the KI discussion and noted this solution for this meeting.  [Ericsson]: Provides clarification regarding SA2 architectural assumptions to Lenovo.  [Lenovo]: Provides clarification |  |
| 5.16 | SID on 5GS enhancements for Energy Saving | [S3‑241260](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241260.zip) | Skeleton of TR 33.766 – Energy savings | Nokia. Nokia Shanghai Bell | pCR | [Ericsson]: proposes to add a system impact subclause for each solution |  |
|  |  | [S3‑241261](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241261.zip) | Scope of TR 33.766 | Nokia, Nokia Shanghai Bell | pCR | [Ericsson]: some updates are required before approval |  |
|  |  | [S3‑241451](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241451.zip) | 33.766: Architecture and Security Assumptions | Xiaomi Technology | pCR | [Huawei] : Request for clarification  [Xiaomi]: provide clarification inline below.  [Ericsson]: revision is required before approval  [Huawei]: Revision requested |  |
|  |  | [S3‑241262](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241262.zip) | KI Security and privacy aspects of collection energy consumption information | Nokia. Nokia Shanghai Bell | pCR | [Huawei] : Request for clarification before approval  [Nokia] : Provides clarification to questions raised.  [Ericsson]: revision is required before approval  [Huawei]: revision is required before approval |  |
|  |  | [S3‑241263](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241263.zip) | KI Security and privacy aspects of exposure of energy related information | Nokia. Nokia Shanghai Bell | pCR | [Huawei] : Request for clarification before approval  [Nokia] : Provides clarification.  [Ericsson]: revision is required before approval  [Huawei]: request for revision before approval. |  |
|  |  | [S3‑241206](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241206.zip) | Protection of Energy-Related Information Exposure | Intel | pCR | [Nokia] : Proposes to merge S3-241206 into S3-241263.  [Huawei] : Request for clarification before approval  [Ericsson]: revision is required before approval, proposes to merge into 1263. |  |
|  |  | [S3‑241470](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241470.zip) | New KI on network related energy information exposure authorization | Xiaomi communications | pCR | [Nokia] : Proposes to merge S3-241470 into S3-241263.  [Huawei] : Request for clarification  [Xiaomi] : provides clarification.  [Huawei] : Request revision  [Ericsson]: revision is required before approval, proposes to merge into 1263. |  |
| 5.17 | SID on security aspects of 5G NR Femto | [S3‑241188](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241188.zip) | Draft Skeleton of TR 33.745 for Femto | ZTE Corporation, China Mobile | draft TR |  |  |
|  |  | [S3‑241235](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241235.zip) | scope of TR 33.745 | China Mobile | pCR |  |  |
|  |  | [S3‑241237](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241237.zip) | Add terms and abbriviations to TR 33.745 | China Mobile | pCR | [Huawei]: Revision is needed before approval. |  |
|  |  | [S3‑241236](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241236.zip) | Architecture and security assumptions of TR 33.745 | China Mobile | pCR | [Huawei]: propose to noted this one or merge to S3-241332 |  |
|  |  | [S3‑241332](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241332.zip) | New assumption on try to reuse HeNB scheme as much as possible. | Huawei, HiSilicon | pCR | [ZTE]: Propose to merge this contribution into S3-241236  [Huawei]: cannot be convinced with the reason. Instead, propose to use 1332 as base to merge others. |  |
|  |  | [S3‑241111](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241111.zip) | pCR on KI for Femto connecting securely with 5G Core | Charter Communications, Inc | pCR | [ZTE]: Propose to merge this contribution into S3-241238  [Charter]: Responds to proposed merger into S3-241238 from ZTE  [Huawei]: Revision is needed before approval, or take care the comments during the merge. |  |
|  |  | [S3‑241238](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241238.zip) | New KI on device authentication to TR 33.745 | China Mobile | pCR | [Huawei]: Revision is needed before approval, and propose to merge into S3-241333 or S3-241251. |  |
|  |  | [S3‑241251](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241251.zip) | New KI on fake 5G NR Femto | China Telecommunications | pCR | [ZTE]: Propose to merge this contribution into S3-241238  [China Telecom] : OK with the proposed merger plan  [Huawei]: this contribution is good to be as basis S3-241251. |  |
|  |  | [S3‑241333](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241333.zip) | New key issue on 5G Femto authentication and authorization | Huawei, HiSilicon | pCR | [ZTE]: Propose to merge this contribution into S3-241238 |  |
|  |  | [S3‑241241](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241241.zip) | New KI on protection of backhaul link of TR 33.745 | China Mobile | pCR | [Huawei]: propose to merge to S3-241334. |  |
|  |  | [S3‑241252](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241252.zip) | New KI on protection of traffic between 5G NR Femto and operator’s security domain | China Telecommunications | pCR | [ZTE]: Propose to merge this contribution into S3-241241  [China Telecom] : OK with the proposed merger plan  [Huawei]: propose to merge it into S3-241334. |  |
|  |  | [S3‑241334](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241334.zip) | security of communication between 5G Femto and 5GC | Huawei, HiSilicon | pCR | [ZTE]: Propose to merge this contribution into S3-241241 |  |
|  |  | [S3‑241189](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241189.zip) | KI on Security of 5G NR Femto Ownership | ZTE Corporation, China Mobile | pCR |  |  |
|  |  | [S3‑241249](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241249.zip) | New KI on authorization of provisioning of subscribers allowed to access 5G NR Femto cells | China Telecommunications | pCR | [ZTE]: Propose to merge this contribution into S3-241189  [China Telecom] : OK with the proposed merger plan |  |
|  |  | [S3‑241110](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241110.zip) | pCR on KI for 5GS Core network topology hiding from 5G Femto deployments | Charter Communications, Inc | pCR | [Huawei]: propose to merge into S3-241334, or revise it before approval. |  |
|  |  | [S3‑241239](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241239.zip) | New KI on location security of TR 33.745 | China Mobile | pCR | [Huawei]: Discussion is needed before approval |  |
|  |  | [S3‑241240](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241240.zip) | New KI on access contol to TR 33.745 | China Mobile | pCR | [Huawei]: Revision is needed before approval |  |
|  |  | [S3‑241242](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241242.zip) | New KI on hosting party authentication to TR 33.745 | China Mobile | pCR | [Huawei]: Discussion is needed before approval |  |
|  |  | [S3‑241410](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241410.zip) | Key issue on broadcasting manipulated CAG IDs by the malicious Femto devices | Samsung | pCR | [Huawei]: revision is needed before approval  [Samsung]: Provides clarification to Huawei |  |
|  |  | [S3‑241243](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241243.zip) | Fill out Gap analysis table of TR 33.745 | China Mobile | pCR | [Huawei]: propose to noted.  [CMCC]: provide comments. |  |
| 5.18 | SID on security aspects of 5G Mobile Metaverse services | [S3‑241422](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241422.zip) | Skeleton for TR 33.721 | Samsung | draft TR |  |  |
|  |  | [S3‑241413](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241413.zip) | Scope for TR 33.721 | Samsung, OPPO | pCR |  |  |
|  |  | [S3‑241452](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241452.zip) | 33.721: Terms | Xiaomi Technology | pCR | [Huawei, HiSilicon]: propose to not add the term about digital id.  [Xiaomi]: provides clarification and raises question  [Samsung]: Comments and suggests a wayforward to send an LS to SA1 and SA6 |  |
|  |  | [S3‑241174](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241174.zip) | Security assumptions for Study on security aspects of 5G Mobile Metaverse services | ZTE Corporation | pCR | [Samsung] : Suggests to merge S3-241174 into S3-241453  [ZTE] : Fine to merge S3-241174 into S3-241453. |  |
|  |  | [S3‑241453](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241453.zip) | 33.721: Security Assumptions | Xiaomi Technology | pCR | [Samsung] : Suggests to merge S3-241174 into S3-241453 with 1453 as baseline  [Xiaomi]: provides r1 of 1453  [Huawei, HiSilicon]: provides comments regarding r1.  [Xiaomi]: provides clarification |  |
|  |  | [S3‑241175](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241175.zip) | New Key Issue on privacy protection of user sensitive information | ZTE Corporation | pCR | [Samsung] : Suggests to merge S3-241175, S3-241202 into S3-241456 (baseline)  [ZTE]: Fine to merge S3-241175 into S3-241456 |  |
|  |  | [S3‑241202](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241202.zip) | Key issue on Security aspects of exposure of user-sensitive information | IIT Delhi, IIT Bhilai, Nokia, Nokia Shanghai Bell, IIT Bombay, IIT Jodhpur, DoT | pCR | [Samsung] : Suggests to merge S3-241175, S3-241202 into S3-241456 (baseline) |  |
|  |  | [S3‑241456](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241456.zip) | 33.721: Key Issue on Privacy of User Sensitive Information | Xiaomi Technology | pCR | [Samsung] : Suggests to merge S3-241175, S3-241202 into S3-241456 (baseline)  [Huawei, HiSilicon]: provides comments based on the merger plan.  [Xiaomi]: provides r1 |  |
|  |  | [S3‑241200](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241200.zip) | Key issue on Authentication and Authorization of Digital Identity | IIT Delhi, IIT Bhilai, Nokia, Nokia Shanghai Bell, IIT Bombay, IIT Jodhpur, DoT | pCR |  |  |
|  |  | [S3‑241214](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241214.zip) | new key issue on security of digital asset management | Nokia, Nokia Shanghai Bell | pCR |  |  |
|  |  | [S3‑241229](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241229.zip) | New Key issue on digital identity authentication and authorization | China Mobile | pCR |  |  |
|  |  | [S3‑241414](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241414.zip) | Key issue on Digital ID/Avatar ID Authentication and Authorization | Samsung | pCR | [Samsung] : Suggests to merge S3-241200, S3-241229, S3-241214 and S3-241454 into S3-241414 (baseline)  [Huawei, HiSilicon] : provides comments to r1.  [Samsung] : Provides r2 based on the comments received from Huawei  [CMCC] : provides comments to r2.  [Samsung] : Provides clarification  [Philips] : Provides feedback and asks for clarifications.  [Xiaomi]: Provides comments on r2 for further revision |  |
|  |  | [S3‑241454](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241454.zip) | 33.721: Key Issue on Authentication and Authorization of Digital Asset | Xiaomi Technology | pCR |  |  |
|  |  | [S3‑241455](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241455.zip) | 33.721: Key Issue on Authorization supporting Mobile Metaverse Services | Xiaomi Technology | pCR | [Huawei, HiSilicon]: propose to revise the first security requirement.  [Xiaomi]: question for clarification before providing revision |  |
|  |  | [S3‑241412](file:///C:\Users\surnair\AppData\Local\C:\Users\surnair\AppData\Local\C:\Users\surnair\Documents\SECURITY%20Grp\SA3\SA3%20Meetings\SA3%23115Adhoc-e\Chair%20Files\docs\S3-241412.zip) | Skeleton for TR 33.721 | Samsung | pCR |  |  |