| 4.1.5 | Authentication and key management for applications based on 3GPP credential in 5G | [S3‑240356](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240356.zip) | AKMA service mid session disabling in roaming | Nokia, Nokia Shanghai Bell, NDRE | CR |  Nokia presentsEricsson: what if AF disregards this, but could be considered, OTD: not ok, other solutions are preferable, Lenovo: why would AF disregard this? How would the same sets of keys be maintained | open |
| --- | --- | --- | --- | --- | --- | --- | --- |
|   |   | [S3‑240365](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240365.zip) | AKMA service restriction in roaming | NDRE, Ministère Economie et Finances, National Technical Assistance, Nokia, OTD\_US, Security Service | CR |  NDRE PresentsEricsson: SNN UE may not be reliable, so UDM, NDRE: SA3Li was aware as slim as possible, Ericsson: what should ZTE: SNN is related with last registration, network Nokia: could be IP based, or based on registration454 based on access type708 registration based | Merge into 915 |
|   |   | [S3‑240454](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240454.zip) | CR on AKMA service restrictions | ZTE Corporation | CR |  ZTE presentsNDRE: not acceptable to SA3LI, prefer CMCCEricsson: PCF also not agreeable | Not pursued |
|   |   | [S3‑240455](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240455.zip) | Discussion on AKMA service restrictions | ZTE Corporation | discussion |   | noted |
|   |   | [S3‑240708](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240708.zip) | AKMA roaming policy control in AAnF | China Mobile | CR |  CMCC presentsEricsson: where is this AKMARoamingServiceControlList coming fromCMCC: new, but ok to have local policy in ANFNokia: reuse the existing serviceSamsung: just reuse step 3 indication, and UDM then decides if AKMA is allowedNokia: UE can change PLMN, so totally rely on initial CMCC: options on the table, need to agreeEricsson: prefer no impact on UDM, but on ANFNokia: there are different access technologies  | revise |
|  |  | 915 |  |  |  |  |  |
|   |   | [S3‑240757](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240757.zip) | Proposal for a way forward on AKMA restrictions | Ericsson | discussion |  Ericsson presents: can also be supported only in R18 | note |
|   |   | [S3‑240448](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240448.zip) | KAF re-keying after expiration triggered by AF | ZTE Corporation | CR |  ZTE presents  | Not pursued |
|   |   | [S3‑240449](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240449.zip) | KAF re-keying after expiration triggered by AAnF | ZTE Corporation | CR |  ZTE presents | open |
|   |   | [S3‑240450](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240450.zip) | Discussion on KAF re-keying after expiration | ZTE Corporation | discussion |  ZTE presentsEricsson: expiration time up to implementationHuawei: this is like a new feature, push to R19ZTE: want to seek for solutionLenovo: issue1 and 2 in HONTRA addresses this, what is the difference?Lenovo: not objectHuawei: not objectEricsson: not agree with 448, ok with 449CMCC: same opinionDCM: stage 3 impact of 449ZTE: not for 449Ericsson keep open | noted |
|   |   | [S3‑240451](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240451.zip) | Adding UDM additional function to TS 33.535 in R18 | ZTE Corporation | CR |  ZTE presentsEricsson: not requiredNokia: good to add thisSamsung: also support | agreed |
|   |   | [S3‑240452](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240452.zip) | Adding UDM additional function to TS 33.535 in R17 | ZTE Corporation | CR |  ZTE presents | agreed |
|   |   | [S3‑240789](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240789.zip) | Routing indicator update issue in the A-KID construction procedure Release 17 | Xiaomi Communications | CR |  Xiaomi presents 789-r1Ericsson: move noteXiaomi: okHuawei, Nokia: more timeApple: if it is reusing, it should not say similar, but reuse | open |
|   |   | [S3‑240790](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240790.zip) | Routing indicator update issue in the A-KID construction procedure Release 18 (mirror) | Xiaomi | CR |   | open |

| 4.1.13 | Security Aspects of eNA | [S3‑240579](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240579.zip) | Update of figure in clause X.10 of TS 33.501 (eNA) | Nokia, Nokia Shanghai Bell | CR | Nokia presents | agreed |
| --- | --- | --- | --- | --- | --- | --- | --- |
|   |   | [S3‑240604](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240604.zip) | Update flow of Nnwdaf\_MLModelProvision | Intel Technology Poland SP Zoo | CR |  Intel presentsVivo: step 7 term undefined and needs to be clarified, typo on last sentenceIntel: can be clarifiedVivo: step 10 need to clarify the authorization procedureEricsson: step 10 changes not neededIntel: okHuawei: confusing what is mandatory or optional, offline | revise |
|  |  | 604r1→ 911 |  |  |  |  |  |
|   |   | [S3‑240477](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240477.zip) | MTLF Authorization of AIML model storage and sharing | vivo | CR |  Vivo presentsEricsson: similar to E// in previous meetings | Merge 498 |
|   |   | [S3‑240498](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240498.zip) | Update procedure for secured and authorized AIML model sharing | Huawei, HiSilicon | CR |  Huawei presents | revise |
|  |  | 498r1→ 911 |  |  |  |  |  |
|   |   | [S3‑240578](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240578.zip) | Authorization of Model Sharing with MTLF | Nokia, Nokia Shanghai Bell | CR |  Nokia presents: use one as baseline, disagree with vivo, authorization is in both federated learning and model sharingEricsson: how can ANLF and MTLF both be contained in token?Nokia: it's alternatives, needs to have information of both consumersCMCC.: support in R18,propose to use 498 to merge all documents?Intel: support Nokia as baselineVivo: just have minimal changes on CR.Huawei: use 498 as baselineEricsson: prefer vivo as baselineNokia: federated learning is included in vivo, so shouldn't be used as baseline | Merge 498 |
|   |   | [S3‑240689](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240689.zip) | Clarification for Model Sharing with MTLF | Ericsson | CR |  Ericsson presentsNokia: option if previous are not agreedPlan B: address in R19 | open |
|   |   | [S3‑240502](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240502.zip) | Security of Analytics transfer between NWDAFs | Huawei, HiSilicon | CR |  Huawei presentsEricsson: generally agree, instead send LSVivo: SA2 thinks about sending an LS to SA2Huawei: ok to sending LS | open |
|  |  | 912 | LS on no direct model sharing between ANLFs | Huawei  |  |  |  |
|   |   | [S3‑240500](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240500.zip) | Remove the EN in the X.9 Authorization of selection of participant NWDAF instances in the Federated Learning group | Huawei, HiSilicon | CR |  Huawei presentsIntel: related to 602Ericsson: support intelVivo: related with CVD GSMA liaison 260Intel: not being ignored, filter out in discoveryEricsson: more general issueIntel: in discovery in orchestration solutions exist alreadyVivo: when binding to token, the NF producer can't check anymore | open |
|   |   | [S3‑240602](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240602.zip) | Updates to Federated Learning | Intel | CR |   | open |
|   |   | [S3‑240501](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240501.zip) | Correct procedure for authorization of selection of participant NWDAF instances in the Federated Learning group | Huawei, HiSilicon | CR |  Huawei presentsNokia: Authorization of client is implicit, this contribution is in wrong place, though. Should not be in call flowHuawei: so where to putoffline | revise |
|  |  | 913 |  |  |  |  |  |
|   |   | [S3‑240577](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240577.zip) | Authorization of NWDAF MTLF to request FL process on behDCM of AnLF | Nokia, Nokia Shanghai Bell | CR |  Nokia presentsVivo: similar to model sharing, revise accordinglyEricsson: separate authorization procedures, this should not be impacting X.9, so not neededNokia: this is related to note in SA2 specHuawei: do revision, check vendor ID, too | Open |
|   |   | [S3‑240499](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240499.zip) | Editorial change on procedure for protection of analytics exchange in roaming case | Huawei, HiSilicon | CR |  Huawei presents, needs revisionEricsson: generally ok, but is it needed?CMCC: ok with all changes except for firstIs it required and if yes, remove (s) | revise |
|  |  | 914 |  |  |  |  |  |

| 4.1.4 | Mission Critical | [S3‑240301](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240301.zip) | [33.180] MC gateway authentication and authorization | Motorola Solutions Nokiay | CR | Motorola presents 861-r3Huawei: need more timeNokia: still something about authorization in step 1, otherwise okMotorola: r4 removes and authorizationNokia: agreeLS out 828 under discussion | Revise → 861 |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 861 |  | Tim |  |  |  |