| 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 presents  Ericsson: 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 Presents  Ericsson: 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 registration  454 based on access type  708 registration based | Merge into 915 |
|  |  | [S3‑240454](../../../../../../../../../tmp/evolution-zugenmaier-T5CTJ2/docs/S3-240454.zip) | CR on AKMA service restrictions | ZTE Corporation | CR | ZTE presents  NDRE: not acceptable to SA3LI, prefer CMCC  Ericsson: 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 presents  Ericsson: where is this AKMARoamingServiceControlList coming from  CMCC: new, but ok to have local policy in ANF  Nokia: reuse the existing service  Samsung: just reuse step 3 indication, and UDM then decides if AKMA is allowed  Nokia: UE can change PLMN, so totally rely on initial  CMCC: options on the table, need to agree  Ericsson: prefer no impact on UDM, but on ANF  Nokia: 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 presents  Ericsson: expiration time up to implementation  Huawei: this is like a new feature, push to R19  ZTE: want to seek for solution  Lenovo: issue1 and 2 in HONTRA addresses this, what is the difference?  Lenovo: not object  Huawei: not object  Ericsson: not agree with 448, ok with 449  CMCC: same opinion  DCM: stage 3 impact of 449  ZTE: not for 449  Ericsson 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 presents  Ericsson: not required  Nokia: good to add this  Samsung: 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-r1  Ericsson: move note  Xiaomi: ok  Huawei, Nokia: more time  Apple: 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 presents  Vivo: step 7 term undefined and needs to be clarified, typo on last sentence  Intel: can be clarified  Vivo: step 10 need to clarify the authorization procedure  Ericsson: step 10 changes not needed  Intel: ok  Huawei: 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 presents  Ericsson: 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 sharing  Ericsson: how can ANLF and MTLF both be contained in token?  Nokia: it's alternatives, needs to have information of both consumers  CMCC.: support in R18,propose to use 498 to merge all documents?  Intel: support Nokia as baseline  Vivo: just have minimal changes on CR.  Huawei: use 498 as baseline  Ericsson: prefer vivo as baseline  Nokia: 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 presents  Nokia: option if previous are not agreed  Plan 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 presents  Ericsson: generally agree, instead send LS  Vivo: SA2 thinks about sending an LS to SA2  Huawei: 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 presents  Intel: related to 602  Ericsson: support intel  Vivo: related with CVD GSMA liaison 260  Intel: not being ignored, filter out in discovery  Ericsson: more general issue  Intel: in discovery in orchestration solutions exist already  Vivo: 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 presents  Nokia: Authorization of client is implicit, this contribution is in wrong place, though. Should not be in call flow  Huawei: so where to put  offline | 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 presents  Vivo: similar to model sharing, revise accordingly  Ericsson: separate authorization procedures, this should not be impacting X.9, so not needed  Nokia: this is related to note in SA2 spec  Huawei: 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 revision  Ericsson: generally ok, but is it needed?  CMCC: ok with all changes except for first  Is 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-r3  Huawei: need more time  Nokia: still something about authorization in step 1, otherwise ok  Motorola: r4 removes and authorization  Nokia: agree  LS out 828 under discussion | Revise → 861 |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 861 |  | Tim |  |  |  |