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# 3GPP TSG-CT WG4 Meeting #124C4-243006

**Maastricht, Netherlands, 19th–23rd August 2024**

**Source: Chairman, TSG-CT WG4**

**Title: Proposed allocation of documents to agenda items for CT4#124, status on eve of meeting**

**Agenda item: 2**

**Document for: INFORMATION**

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Document available, not yet treated

Document available late, not yet treated

Document not available

Document treated

Document available later

NOTE 1: Hyperlinks assume that this document is extracted and stored in a directory and all documents are in a subdirectory "docs" of this directory.

NOTE 2: Late arrived Contributions will be handled only, if time allows and any company has the right to ask for postponing the document to the next meeting. The detailed agenda and time plan on eve of meeting, and the proposed allocation of documents to agenda items, are treated as being received on time even though they are available only at the start of the meeting (the chair does have **some** privileges)

NOTE 3: If a document which was received late (after the deadline) is a revision of a document which was received before the deadline, it is treated as being received on time.

| Agenda | Agenda Title | Tdoc  C4-24# | Tdoc Title | Source | Result | Notes |
| --- | --- | --- | --- | --- | --- | --- |
| **1** | **Opening of the Meeting and Approval of the Agenda** |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **2** | **Allocation of Documents to Agenda Items** |  |  |  |  |  |
|  |  | [3001](./docs/C4-243001.zip) | agenda Draft Agenda | CT4 Chair | Noted |  |
|  |  | [3002](./docs/C4-243002.zip) | other Meeting guidelines for CT4 Working Group meeting | CT4 Chair |  |  |
|  |  | [3003](./docs/C4-243003.zip) | agenda Detailed agenda & time plan for CT4 meeting: status at document deadline | CT4 Chair | Noted |  |
|  |  | [3004](./docs/C4-243004.zip) | agenda Detailed agenda & time plan for CT4 meeting: status on eve of meeting | CT4 Chair |  |  |
|  |  | [3005](./docs/C4-243005.zip) | agenda Proposed allocation of documents to agenda items for CT4 meeting: status at document deadline | CT4 Chair | Noted |  |
|  |  | [3006](./docs/C4-243006.zip) | agenda Proposed allocation of documents to agenda items for CT4 meeting: status on eve of meeting | CT4 Chair |  |  |
|  |  | 3007 | agenda The allocation of documents to agenda items for CT4 meeting: status at the end of meeting | CT4 Chair |  |  |
| **3** | **Meeting Reports** |  |  |  |  |  |
|  |  | [3008](./docs/C4-243008.zip) | report Previous TSG CT & SA Status Report | CT4 Chair | Noted |  |
|  |  | [3009](./docs/C4-243009.zip) | report Previous CT4 meeting report | MCC | Approved |  |
| **4** | **Input Liaison Statements** |  |  |  |  |  |
|  |  | [3012](./docs/C4-243012.zip) | LS in LS “N32-f lifetime and reconnection” to 3GPP CT4/SA3 | 5GMRR | Postponed | *5GMRR Doc 45\_07r1*  *To: CT4, SA3*  *CC:*  *Contact: Bics*  *Postponed from CT#123*  *Postpone to next meeting, if no update next time, it will simply noted.* |
|  |  | [3013](./docs/C4-243013.zip) | LS in Rel-18 Reply LS on Restoration procedures for a PDU Session with Dual Connectivity | RAN3 | Noted | *R3-243968*  *To: CT4*  *CC:*  *Contact: Ericsson*  *Postponed from CT#123*  *Bruno: 23.527 update is required, propose to postpone this LS to the next meeting*  *Roya: on the same page with Bruno*  *Related CRs in 3114, 3194, 3282* |
|  |  | [3014](./docs/C4-243014.zip) | LS in Rel-18 Reply-LS on GSMA CVD-2023-0069 5G Core Network Attacks | SA3 | Open | *S3-242453*  *To: GSMA CVD*  *CC: CT4*  *Contact: Huawei*  *Postponed from CT#123*  *Need to check the attachment again*  *Bruno: for “related to finding1” there might be problem with the reply text. Need further checking to see if reply LS is needed.* |
|  |  | [3015](./docs/C4-243015.zip) | LS in Solution for multiple SEPPs per PLMN requested | GSMA NG 5GMRR | Noted | *5GMRR Doc 49\_06*  *To: CT4*  *CC:*  *Contact:*  *Postponed from CT#123*  *Related to contributions in C4-242267 and C4-242268, conf-call is to be organized before next meeting discussing this topic* |
|  |  | [3016](./docs/C4-243016.zip) | LS in Rel-18 Response LS on Restoration of N3mb Failure for MBS Broadcast | RAN3 | Open | *R3-243888*  *To: CT4*  *CC: SA2*  *Contact: Nokia*  *Postponed from CT#123*  *Related CRs in 3376, 3142*  *Frank: should we cover all the three scenarios? We should give delegates more time considering all the scenarios.* |
|  |  | [3017](./docs/C4-243017.zip) | LS in Rel-18 Reply LS on Rel-18 RedCap enhancements to address remaining ENs in TS 23.502 | CT WG1 | Noted | *C1-243517*  *To: SA2*  *CC: CT4, RAN2, RAN3*  *Contact: Huawei*  CT1 thanks SA2 LS in the S2-2405421/C1-243016 that provide the latest progress on REDCAP in Rel-18. CT1 would like to inform that CT1 has agreed on updating their specifications in Rel-18 based on agreements reached in SA2 and RAN2 and the work is aligned.  *Propose to note* |
|  |  | [3018](./docs/C4-243018.zip) | LS in Rel-18 LS on support of provisioning ATSSS rules to the UE in EPC | CT WG1 | Noted | *C1-243688*  *To: SA2*  *CC: CT4*  *Contact: ZTE*  CT1 thanks SA2 for the reply to LS on provisioning ATSSS rules to the UE in EPC.  In order to fulfil SA2's requirement on support of provisioning ATSSS rules via untrusted non-3GPP access to EPC, CT1 has implemented the corresponding requirement by adding the ATSSS rules to the "*ATSSS response with the length of two octets PCO parameter*" as defined in TS 24.193 (see the attachment). The "*ATSSS response with the length of two octets PCO parameter*" is defined as a parameter that is included in ePCO IE to transfer ATSSS related parameters over 3GPP access in EPC since Rel-16.  With the completion of this work, stage 3 support for provisioning of ATSSS rules via 3GPP access to EPC can be straightforwardly specified once the stage 2 requirements are provided. |
|  |  | [3019](./docs/C4-243019.zip) | LS in Rel-18 LS on local BDC setup on terminating side in case INVITE does not contain DC description | CT WG1 | Noted | *C1-243693*  *To: SA2*  *CC: CT4*  *Contact: China Mobile*  CT1 has discussed a use case that terminating network provides autodownload/autorun P2A DC applications (e.g. translation/transcription/subtitle joined) to terminating UE via local BDC and ADC, and could not reach a consensus on whether the terminating IMS AS can notify the DCSF based on the operator policy, when the SDP offer within an initial INVITE from the originating network does not contain DC description and the terminating UE has IMS DC capability and subscription.  CT1 would like to ask SA2 the following questions:  Q1: Isthe presence of DC media description in the SDP offer of an initial INVITE request from the originating network **mandatory** condition for the terminating IMS AS to notify the DCSF?  Q2: If the answer on Q1 is No, the SDP offer in an initial INVITE request from the originating network does not contain DC media description and the terminating UE has IMS DC capability and subscription, can the terminating IMS AS notify the DCSF **based on the operator policy**?  Q3: If the answer on Q1 is No and Q2 is Yes, after the terminating IMS AS notifies the DCSF, is the DCSF allowed to instruct the IMS AS to set up bootstrap data channel between the terminating network and terminating UE if the SDP offer of an initial INVITE request from the originating network does not contain DC media description?  *Propose to note* |
|  |  | [3020](./docs/C4-243020.zip) | LS in Rel-18 Reply LS on LS reply on LCS user plane connection binding to the UE | CT WG1 | Noted | *C1-243934*  *To: SA WG2*  *CC: CT WG4, SA WG3*  *Contact: CATT*  CT1 thanks SA2 for the reply LS (C1-243022/S2-2405797) on LCS user plane connection binding to the UE. Based on SA2 agreed resolutions, CT1 has agreed attached CRs to TS 24.572 including the following adaptations to the order of messages specified in clause 6.18 of 3GPP TS 23.273:   * The UE can initiate a UE requested user plane connection establishment procedure to the LMF which triggers the LMF-initiated user plane connection establishment procedure; * In both the UE-initiated and the LMF-initiated cases, the LMF performs the user plane connection establishment procedure to the UE with providing LCS-UP binding ID (called LCS UP connection ID in SA2) and the LMF LCS-UP address to the UE; * The user plane connection establishment command is acknowledged over CP after the binding procedure is performed over UP (call flow see Annex of C1-243956 for information); and   In addition to the above, the LCS-UP binding ID is used to associate the UE with the user plane connection during the user plane connection establishment procedure. The LCS-UP binding ID will be released once used, in order to avoid security threats. |
|  |  | [3021](./docs/C4-243021.zip) | LS in LS on Registering JWT claims at IANA | TSG CT | Noted | *CP-241308*  *To: SA, SA3, SA4, SA5, SA6, CT1, CT3, CT4*  *CC:*  *Contact: Huawei*  The procedure to perform IANA registrations are as follows:   * + Any IANA assignment request must be indicated to the IETF liaison and Specification Manager   + Template for IANA assignment request as an Appendix included in the 3GPP specifications requiring the assignment   + The requests are tracked by MCC on the 3GPP web page under Delegates Corner:  [IANA registration requests tracking (3gpp.org)](https://www.3gpp.org/delegates-corner/delegates-corner-home/iana-v2)   CT recommends to register 3GPP defined JWT claims at IANA and to track the requests on 3GPP webpage.  Related CR 3265  *Jesus: the second bullet of the procedure in the LS has not been done so far in CT4*  *Bruno: there are some examples in CT1* |
|  |  | [3022](./docs/C4-243022.zip) | LS in Rel-18 LS on the maximum number of devices supported in SLPP | RAN WG2 | Noted | *R2-2405988*  *To: CT1, CT4*  *CC: SA2*  *Contact: Huawei*  RAN2 would like to inform that the maximum number of devices that is supported in the SLPP messages *ProvideLocationInformation* and *ProvideAssistanceData* is 256; for the other SLPP messages, the maximum number of devices that is supported is 1.  *Related CR in 3174* |
|  |  | [3023](./docs/C4-243023.zip) | LS in Rel-18 Reply LS on GPSI and Application Layer ID Mapping | SA WG2 | Noted | *S2-2407141*  *To: CT3*  *CC: CT4*  *Contact: Ericsson*  SA2 thanks CT3 for the LS on GPSI and Application Layer ID Mapping with considerations and question.  **Question**: Among the Nnef\_UEId API and Nnef\_ServiceParameter API, which one is better to implement the GPSI and Application Layer ID Mapping?  **Answer:** SA2 discussed the reply LS concluded that Nnef\_UEId API is better to implement the GPSI and Application Layer ID mapping, mainly considering that the Nnef\_ServiceParameter service is for allowing external party to provision of service specific parameters which can be used for the UE in 5GS, while the GPSI and Application Layer ID Mapping information is used by GMLC inside 5GC, not transfer to the UE.  SA2 agreed on the CR attached, kindly asks CT3 to take the information into account.  *Propose to note* |
|  |  | [3024](./docs/C4-243024.zip) | LS in Rel-18 Reply LS on Restoration of N3mb Failure for MBS broadcast | SA WG2 | Noted | *S2-2407158*  *To: CT4, RAN3*  *CC:*  *Contact: Ericsson*  SA2 thanks CT4 for the Reply LS on Restoration of N3mb Failure for MBS broadcast.  SA2 discussed the reply LS and agreed on the CR attached. SA2 kindly asks CT4 and RAN3 to take the information into account. |
|  |  | [3025](./docs/C4-243025.zip) | LS in Rel-18 Reply LS on application layer ID | SA WG2 | Noted | *S2-2407318*  *To: RAN2, CT1, CT4*  *CC:*  *Contact: Xiaomi*  SA2 thanks RAN for notifying about adding the ALID in the SLPP header.  SA2 has discussed the issue and didn’t identify any impact to SA2.  *Propose to note* |
|  |  | [3026](./docs/C4-243026.zip) | LS in Reply LS on clarifications on consent management | SA WG6 | Noted | *S6-242504*  *To: 3GPP TSG SA*  *CC: 3GPP SA WG2, 3GPP SA WG3, 3GPP CT WG4, 3GPP CT WG3*  *Contact: Nokia*  SA6 reviewed the questions from GSMA OPG in their LS. SA6 has specified RNAA as part of CAPIF in Rel.18, the detailed specification for CAPIF RNAA has been specified by SA3. Given this context, SA6 opined that SA3 should provide the response to the questions from GSMA OPG.  SA6 asks SA to consider the following information to be additionally added into the overall 3GPP response to GSMA OPG:  SA6 has initiated a Rel.19 study on CAPIF (CAPIF\_Ph3) to further enhance CAPIF for user consent management (RNAA). GSMA OPG is invited to provide any feedback to the on-going study captured in TR 23.700-22.  *Propose to note* |
|  |  | [3367](./docs/C4-243367.zip) | LS in Rel-18 Reply LS on ECS Configuration Information | SA6 | Noted | *S6a240205*  *To: SA2*  *CC: CT1, CT3, CT4*  *Contact: Samsung*  SA6 thanks SA2 for the LS on ECS Configuration Information.  Please find SA6 feedback on the identified issue related to potentially duplicated elements as below.  SA6 agrees with that the list of PLMN IDs in the Spatial Validity Condition specified in TS 23.548 and the list of supported PLMN in TS 23.558 are duplicated. SA6 would like to propose to remove the list of PLMN IDs from the Spatial Validity Condition in TS 23.548 to resolve this duplication. SA6 thinks that the list of supported PLMN contained in ECS Configuration Information specified in Table 8.3.2.1-1 of TS 23.558 is sufficient to indicate the supported PLMN information as part of the ECS Address Configuration Information defined in Table 4.15.6.3d-1 of TS 23.502. |
|  |  | [3389](./docs/C4-243389.zip) | LS in Reply LS on Security Considerations for MPQUIC | IETF QUIC Working Group (QUIC) |  | *To: 3GPP SA*  *Cc: 3GPP SA2, SA3, CT, CT4, QUIC* |
|  |  | [3390](./docs/C4-243390.zip) | LS in Newly published data channel GSMA PRD TS.66 | GSMA TSG56 |  | *To: 3GPP SA2, SA3, SA4, SA6 & RAN5*  *Cc: SA, SA1, CT, CT1, CT3 & CT4* |
| **5** | **WIDs** |  |  |  |  | *.* |
| **5.1** | **CT4 Led WIs** |  |  |  |  | *.* |
|  |  | [3060](./docs/C4-243060.zip) | WID new Rel-19 New WID on MPS for IMS Messaging and SMS services | Peraton Labs | Revised to C4-243404 |  |
|  |  | [3404](./docs/C4-243404.zip) | WID new Rel-19 New WID on MPS for IMS Messaging and SMS services | Peraton Labs |  | UID is 1050007 |
|  |  | [3077](./docs/C4-243077.zip) | discussion Rel-19 Discussion on CT impacts on UPEAS Ph2 | ZTE | Noted |  |
|  |  | [3078](./docs/C4-243078.zip) | WID new Rel-19 New WID on CT aspects of UPF enhancement for Exposure And SBA Phase 2 | ZTE | Revised to C4-243391 |  |
|  |  | [3391](./docs/C4-243391.zip) | WID new Rel-19 New WID on CT aspects of UPF enhancement for Exposure And SBA Phase 2 | ZTE |  | UID is 1050001 |
|  |  | [3084](./docs/C4-243084.zip) | discussion Rel-19 Discussion on PLMNs representing the hosting operator and the participating operator | ZTE, China Unicom | Moved to 6.3.2 |  |
|  |  | [3085](./docs/C4-243085.zip) | CR 29.502 0787 Rel-19 Reuse the home-routed architecture for Indirect Network Sharing | ZTE | Moved to 6.3.2 | WI NetShare  CAT B |
|  |  | [3086](./docs/C4-243086.zip) | CR 29.503 1284 Rel-19 Clarify the PLMNs representing participating operator | ZTE | Moved to 6.3.2 | WI NetShare  CAT B |
|  |  | [3087](./docs/C4-243087.zip) | CR 29.509 0225 Rel-19 Clarify the PLMNs representing participating operator | ZTE | Moved to 6.3.2 | WI NetShare  CAT B |
|  |  | [3088](./docs/C4-243088.zip) | CR 29.510 1024 Rel-19 Reuse the home-routed architecture for Indirect Network Sharing | ZTE | Moved to 6.3.2 | WI NetShare  CAT B |
|  |  | [3108](./docs/C4-243108.zip) | WID new Rel-19 CT aspects of Architecture support of roaming value-added services | Ericsson, AT&T, Nokia, ZTE, Vodafone | Revised to C4-243392 |  |
|  |  | [3392](./docs/C4-243392.zip) | WID new Rel-19 CT aspects of Architecture support of roaming value-added services | Ericsson, AT&T, Nokia, ZTE, Vodafone |  | UID is 1050002 |
|  |  | [3122](./docs/C4-243122.zip) | WID new Rel-19 New WID on CT Aspects of Indirect Network Sharing (TEI19\_NetShare) | China Unicom | Revised to C4-243394 |  |
|  |  | [3394](./docs/C4-243394.zip) | WID new Rel-19 New WID on CT Aspects of Indirect Network Sharing (TEI19\_NetShare) | China Unicom |  | *UID is 1050004* |
|  |  | [3123](./docs/C4-243123.zip) | discussion Rel-19 Discussion on New WID on CT Aspects of TEI19\_NetShare | China Unicom | Noted |  |
|  |  | [3166](./docs/C4-243166.zip) | WID new Rel-19 New WID on CT Aspects on TEI19\_OBGAD | China Mobile | Revised to C4-243393 |  |
|  |  | [3393](./docs/C4-243393.zip) | WID new Rel-19 New WID on CT Aspects on TEI19\_OBGAD | China Mobile | Agreed | The only changes are: to add Ericsson as supporting company,and UID is 1050003  WOP |
|  |  | [3179](./docs/C4-243179.zip) | WID new Rel-19 New WID on CT aspects of NF discovery and selection by target PLMN | Nokia | Revised to C4-243395 |  |
|  |  | [3395](./docs/C4-243395.zip) | WID new Rel-19 New WID on CT aspects of NF discovery and selection by target PLMN | Nokia | Agreed | *The only changes are: to add NTT DOCOMO as supporting company, and to add UID 1050005*  *WOP* |
|  |  | [3180](./docs/C4-243180.zip) | discussion Rel-19 Status of the Extended Reality and Media service Phase 2 (XRM\_Ph2) stage 2 WID and plan for the related CT work | Nokia | Noted | *.* |
|  |  | [3181](./docs/C4-243181.zip) | discussion Rel-19 Status of the Non3GPPMob\_Sec WID led by SA3 | Nokia | Noted |  |
|  |  | [3311](./docs/C4-243311.zip) | discussion Rel-19 Discussion on New Rel-19 WID on CT impacts on eEDGE\_5GC\_Ph3 | Intel | Noted |  |
|  |  | [3348](./docs/C4-243348.zip) | WID new Rel-19 New WID on CT aspects of enhancement of support for Edge Computing in 5G Core network - Phase 3 | Intel, Nokia | Revised to C4-243396 |  |
|  |  | [3396](./docs/C4-243396.zip) | WID new Rel-19 New WID on CT aspects of enhancement of support for Edge Computing in 5G Core network - Phase 3 | Intel, Nokia |  | *UID 1050006* |
|  |  | [3380](./docs/C4-243380.zip) | CR 29.244 0867 Rel-19 Usage of PDU Set QoS information for DSCP marking | Intel | Moved to 6.3.2 | WI XRM\_Ph2  CAT B |
| **5.2** | **CT4 Supported WIs** |  |  |  |  | *.* |
|  |  | [3091](./docs/C4-243091.zip) | WID revised Rel-19 Enhancement of controlling RAT utilization | Vodafone | Revised to C4-243397 |  |
|  |  | [3397](./docs/C4-243397.zip) | WID revised Rel-19 Enhancement of controlling RAT utilization | Vodafone | Endorsed | The only change is to add supporting companies |
|  |  | [3094](./docs/C4-243094.zip) | WID new Rel-19 New WID on CT aspects of Vehicle Mounted Relays Phase 2 | Qualcomm Incorporated | Revised to C4-243398 | Ulrich/Jones: for the time being there is no CT4 impact seen |
|  |  | [3398](./docs/C4-243398.zip) | WID new Rel-19 New WID on CT aspects of Vehicle Mounted Relays Phase 2 | Qualcomm Incorporated |  |  |
|  |  | [3095](./docs/C4-243095.zip) | discussion Rel-19 Status of Rel-19 work on Vehicle Mounted Relays phase 2 (VMR\_ph2) | Qualcomm Incorporated | Noted |  |
|  |  | [3175](./docs/C4-243175.zip) | WID new Rel-19 New WID on CT aspects of Core Network Enhanced Support for Artificial Intelligence (AI)/Machine Learning (ML) | vivo | Revised to C4-243405 |  |
|  |  | [3405](./docs/C4-243405.zip) | WID new Rel-19 New WID on CT aspects of Core Network Enhanced Support for Artificial Intelligence (AI)/Machine Learning (ML) | vivo |  |  |
|  |  | [3176](./docs/C4-243176.zip) | discussion Rel-19 Discussion on CT aspects of AIML\_CN | vivo | Noted |  |
|  |  | [3200](./docs/C4-243200.zip) | WID new Rel-19 new WID on CT aspects of 5GS enhancement on QoS monitoring enhancement | China Mobile | Revised to C4-243399 |  |
|  |  | [3399](./docs/C4-243399.zip) | WID new Rel-19 new WID on CT aspects of 5GS enhancement on QoS monitoring enhancement | China Mobile | Endorsed | The only changes are:  1. add China telecom as supporting company  2. to remove CT4 in clause 8  3. to add the UID which will be allocated by CT3 MCC |
|  |  | [3201](./docs/C4-243201.zip) | WID new Rel-19 New WID on Next Generation Real time Communication services Phase 2 | China Mobile | Revised to C4-243400 |  |
|  |  | [3400](./docs/C4-243400.zip) | WID new Rel-19 New WID on Next Generation Real time Communication services Phase 2 | China Mobile |  |  |
|  |  | [3231](./docs/C4-243231.zip) | WID new Rel-19 New WID on CT aspects of Access Traffic Steering, Switching and Splitting support in 5G system – Phase 4 | Lenovo | Revised to C4-243406 |  |
|  |  | [3406](./docs/C4-243406.zip) | WID new Rel-19 New WID on CT aspects of Access Traffic Steering, Switching and Splitting support in 5G system – Phase 4 | Lenovo |  |  |
|  |  | [3232](./docs/C4-243232.zip) | WID new Rel-19 New WID on Identifying non-3GPP Devices Connecting behind a UE or 5G-RG | InterDigital | Revised to C4-243410 |  |
|  |  | [3410](./docs/C4-243410.zip) | WID new Rel-19 New WID on Identifying non-3GPP Devices Connecting behind a UE or 5G-RG | InterDigital | Endorsed | No change from CT4 pespective. |
|  |  | [3272](./docs/C4-243272.zip) | discussion Discussion on enhancements of session management policy control | Huawei | Noted | Bruno/Frank: do not think the mentioned impact on 29.244 is benefitial |
|  |  | [3350](./docs/C4-243350.zip) | discussion Rel-19 Discussion on the stage 2 study work overview and potential stage 3 work analysis on AmbientIoT | Huawei | Noted | Varini: need to wait until SA WID is approved |
|  |  | [3356](./docs/C4-243356.zip) | discussion Rel-19 Discussion on CT aspects of 5GSAT\_Ph3\_ARCH | CATT | Noted |  |
|  |  | [3357](./docs/C4-243357.zip) | WID new Rel-19 New WID on CT aspects of 5GSAT\_Ph3\_ARCH | CATT | Revised to C4-243409 |  |
|  |  | [3409](./docs/C4-243409.zip) | WID new Rel-19 New WID on CT aspects of 5GSAT\_Ph3\_ARCH | CATT |  |  |
|  |  | [3358](./docs/C4-243358.zip) | discussion Rel-19 Discussion on CT aspects of 5G\_ProSe\_Ph3 | CATT | Noted |  |
|  |  | [3359](./docs/C4-243359.zip) | WID new Rel-19 New WID on CT aspects of 5G\_ProSe\_Ph3 | CATT | Revised to C4-243408 |  |
|  |  | [3408](./docs/C4-243408.zip) | WID new Rel-19 New WID on CT aspects of 5G\_ProSe\_Ph3 | CATT |  |  |
|  |  | [3366](./docs/C4-243366.zip) | WID new Rel-19 New WID on Aspect of Phase 3 for UAS, UAV and UAM | LG Electronics Inc. | Revised to C4-243401 |  |
|  |  | [3401](./docs/C4-243401.zip) | WID new Rel-19 New WID on Aspect of Phase 3 for UAS, UAV and UAM | LG Electronics Inc. |  |  |
|  |  | [3368](./docs/C4-243368.zip) | discussion Rel-19 Discussion on CT aspects of UAS\_Ph3 and history of UAS rapporteurship | LG Electronics Inc. | Noted |  |
|  |  | [3379](./docs/C4-243379.zip) | CR 29.272 0860 Rel-19 Support for Store and Forward mode | Intel | Moved to 6.3.2 | WI 5GSAT\_Ph3\_ARCH  CAT B |
|  |  | [3381](./docs/C4-243381.zip) | WID new Rel-19 New WID on CT aspects of Multi-Access (ATSSS\_Ph4) | Apple | Revised to C4-243384 |  |
|  |  | [3384](./docs/C4-243384.zip) | WID new Rel-19 New WID on CT aspects of Multi-Access (ATSSS\_Ph4) | Apple | Revised to C4-243407 | Roozbeh: we should describe the detailed impact |
|  |  | [3407](./docs/C4-243407.zip) | WID new Rel-19 New WID on CT aspects of Multi-Access (ATSSS\_Ph4) | Apple |  |  |
|  |  | [3386](./docs/C4-243386.zip) | discussion Rel-19 CT aspects of Phase 3 for UAS, UAV and UAM | Ericsson | Noted |  |
|  |  | [3387](./docs/C4-243387.zip) | WID new Rel-19 CT Aspects of Phase 3 for UAS, UAV and UAM | Ericsson | Revised to C4-243402 |  |
|  |  | [3402](./docs/C4-243402.zip) | WID new Rel-19 CT Aspects of Phase 3 for UAS, UAV and UAM | Ericsson |  |  |
| **6** | **Release 19** |  |  |  |  |  |
| **6.1** | **CT4 Led WIs** |  |  |  |  |  |
| **6.1.1** | **Service based Interface protocol improvements Release 19** |  |  |  |  | SBIProtoc19 |
|  | **Plenary** | [3032](./docs/C4-243032.zip) | CR 29.501 0157 Rel-19 Example correction | Nokia |  | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3034](./docs/C4-243034.zip) | CR 29.503 1274 Rel-19 Typo in UpLocRepIndAf | Nokia | Agreed | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3037](./docs/C4-243037.zip) | CR 29.509 0224 Rel-19 Tdoc numbers in Annex D are wrong | Nokia | Agreed | WI SBIProtoc19  CAT D |
|  | **Breakout** | [3040](./docs/C4-243040.zip) | CR 29.586 0012 Rel-19 UserInfoId description | Nokia | Agreed | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3044](./docs/C4-243044.zip) | CR 29.503 1278 Rel-19 Complex Types | Nokia | Agreed | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3045](./docs/C4-243045.zip) | CR 29.544 0025 Rel-19 Complex Types | Nokia | Agreed | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3046](./docs/C4-243046.zip) | CR 29.578 0011 Rel-19 Complex Types | Nokia | Agreed | WI SBIProtoc19  CAT F |
|  | **Plenary** | [3050](./docs/C4-243050.zip) | CR 29.501 0158 Rel-19 Subscription expiry | Nokia |  | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3051](./docs/C4-243051.zip) | CR 29.504 0278 Rel-19 Subscription expiry | Nokia | Revised to C4-243462 | WI SBIProtoc19  CAT F  Need further clarify the returned timer.  Offline discussion is needed. |
|  |  | [3462](./docs/C4-243462.zip) | CR 29.504 0278 Rel-19 Subscription expiry | Nokia |  |  |
|  | **Breakout** | [3052](./docs/C4-243052.zip) | CR 29.505 0514 Rel-19 Subscription expiry | Nokia | Revised to C4-243463 | WI SBIProtoc19  CAT F  Similar change as the 3051. |
|  |  | [3463](./docs/C4-243463.zip) | CR 29.505 0514 Rel-19 Subscription expiry | Nokia |  |  |
|  | **Breakout** | [3053](./docs/C4-243053.zip) | CR 29.509 0218 Rel-19 Default Configured S-NSSAIs | Nokia | Revised to C4-243464 | WI SBIProtoc18, SBIProtoc19  CAT F  Commented by Roya on the presence conditions of the IEs. |
|  |  | [3464](./docs/C4-243464.zip) | CR 29.509 0218 Rel-19 Default Configured S-NSSAIs | Nokia |  |  |
|  | **Breakout** | [3056](./docs/C4-243056.zip) | CR 29.563 0090 Rel-19 IMEI pattern alignment | Nokia | Agreed | WI SBIProtoc19  CAT F |
|  | **Plenary** | [3062](./docs/C4-243062.zip) | CR 29.500 0437 Rel-19 Application Error for Reaching Maximum JSON Payload Size | ZTE |  | WI SBIProtoc19  CAT F |
|  | **Plenary** | [3063](./docs/C4-243063.zip) | CR 29.501 0159 Rel-19 Reject Message Reaching Maximum JSON Payload Size | ZTE |  | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3107](./docs/C4-243107.zip) | CR 29.504 0280 Rel-19 Multiple Traffic Influence feature addition in UDR | CEWiT | Revised to C4-243465 | WI SBIProtoc19  CAT B  Update the coversheet to remove the confusion that implies the CR is agreed.  And correct the font style, and number it to XX. |
|  |  | [3465](./docs/C4-243465.zip) | CR 29.504 0280 Rel-19 Multiple Traffic Influence feature addition in UDR | CEWiT | Agreed |  |
|  | **Breakout** | [3113](./docs/C4-243113.zip) | CR 29.504 0281 Rel-19 Clarification of the monitored resource URI | Ericsson | Agreed | WI SBIProtoc19  CAT B |
|  | **Breakout** | [3124](./docs/C4-243124.zip) | CR 29.503 1287 Rel-19 Include filtering parameters in Modify SDM Subscription | Ericsson | Revised to C4-243466 | WI SBIProtoc19  CAT F  Ulrich: In the table "Boolean" should be "boolean". If applicability is needed and to reflect the required features.  Hao: Need to re-number the NOTE. |
|  |  | [3466](./docs/C4-243466.zip) | CR 29.503 1287 Rel-19 Include filtering parameters in Modify SDM Subscription | Ericsson |  |  |
|  | **Breakout** | [3125](./docs/C4-243125.zip) | CR 29.503 1288 Rel-19 Supported RAT Types | Ericsson | OPEN | WI SBIProtoc19  CAT B  Ulich: The supported RAT types by UDM is not part of UE subscription data. And the RAT types provided in RAT restriction has already provided necessary information. Any unsupported RAT types could be interpreted as fobidden RAT types.  Hiroshi: You mentioned it is useful then why it is optional?  Hao: Agree with Ulrich. And don't think it is optimization. It is just rejection either by AMF or UDM.  Varni: UDM doesn't care what is the UE RAT behavior.  Offline discussion is needed. |
|  | **Main** | [3182](./docs/C4-243182.zip) | CR 29.518 1105 Rel-19 AMF Set level event exposure Bulk Subscriptions | Nokia |  | WI SBIProtoc19  CAT B |
|  | **Main** | [3217](./docs/C4-243217.zip) | CR 29.564 0100 Rel-19 Reduced Report Instructions Information | Ericsson |  | WI SBIProtoc19  CAT B |
|  |  | 3228 | CR 29.500 0444 Rel-19 HTTP redirection for multiple SEPPs per PLMN | Telekom Deutschland GmbH | Withdrawn | WI SBIProtoc19  CAT F |
|  |  | 3229 | CR 29.573 0209 Rel-19 HTTP redirection for multiple SEPPs per PLMN | Telekom Deutschland GmbH | Withdrawn | WI SBIProtoc19  CAT B |
|  |  | 3230 | CR 29.571 0571 Rel-19 New API for HTTP redirection for multiple SEPPs per PLMN | Telekom Deutschland GmbH | Withdrawn | WI SBIProtoc19  CAT B |
|  | **Plenary** | [3238](./docs/C4-243238.zip) | CR 29.500 0445 Rel-19 Feature clarification | Nokia |  | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3239](./docs/C4-243239.zip) | CR 29.503 1292 Rel-19 EPS applied indication in Parameter Provisioning | Nokia |  | WI SBIProtoc19  CAT B |
|  | **Breakout** | [3240](./docs/C4-243240.zip) | CR 29.563 0092 Rel-19 Nhss\_Parameter Provisioning | Nokia |  | WI SBIProtoc19  CAT B |
|  | **Main** | [3242](./docs/C4-243242.zip) | CR 29.502 0790 Rel-19 (H-)SMF Reselection during 4G to 5G Idle Mobility | Ericsson |  | WI SBIProtoc19  CAT B |
|  | **Main** | [3243](./docs/C4-243243.zip) | CR 29.502 0791 Rel-19 Inter-PLMN API Root Update for Changed Anchor SMF to AMF | Ericsson |  | WI SBIProtoc19  CAT F |
|  | **Main** | [3244](./docs/C4-243244.zip) | CR 29.502 0792 Rel-19 SMF Reselection after PDU Session Establishment Rejection with Status Notify | Ericsson |  | WI SBIProtoc19  CAT B |
|  | **Plenary** | [3352](./docs/C4-243352.zip) | CR 29.510 1039 Rel-19 Usage of DataSetId enumeration | Ericsson |  | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3354](./docs/C4-243354.zip) | CR 29.505 0519 Rel-19 IdentityData Clarification | Ericsson | OPEN | WI SBIProtoc19  CAT F  Clash with Nokia C4-243055. |
|  | **Breakout** | [3361](./docs/C4-243361.zip) | CR 29.503 1304 Rel-19 IdTranslationResult Clarification | Ericsson | Revised to C4-2434553054 | WI SBIProtoc19  CAT F  Ulrich: It should go to release 18 as the r18 stage 2 requirement. And about the description of GPSI, it still says SHALL. And similar for additional GPSI.  Change it to R18, and merge Nokia CR in C4-243054 |
|  |  | [3455](./docs/C4-243455.zip) | CR 29.503 1304 Rel-19 IdTranslationResult Clarification | Ericsson |  |  |
|  | **Breakout** | [3362](./docs/C4-243362.zip) | CR 29.503 1305 Rel-19 Support for Multiple SUPI to GPSI Conversion in UDM | CEWiT |  | WI SBIProtoc19  CAT B |
|  | **Breakout** | [3363](./docs/C4-243363.zip) | discussion 29.503 Rel-19 Support for Multiple SUPI to GPSI conversion in UDM | CEWiT |  |  |
|  | **Plenary** | [3364](./docs/C4-243364.zip) | CR 29.510 1041 Rel-19 Clarification of "sharedDataIdRanges" in UdrInfo | Ericsson |  | WI SBIProtoc19  CAT F |
|  | **Plenary** | [3365](./docs/C4-243365.zip) | CR 29.510 1042 Rel-19 Slice Information in Nnrf\_Bootstrapping Service | Samsung |  | WI SBIProtoc19  CAT B |
|  | **Breakout** | [3369](./docs/C4-243369.zip) | CR 29.586 0014 Rel-19 Updates on UEID reference and editorial errors for SLPKMF services | Xiaomi | Agreed | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3370](./docs/C4-243370.zip) | CR 29.559 0044 Rel-19 Updates on UEID reference description for PKMF services | Xiaomi | Agreed | WI SBIProtoc19  CAT F |
|  |  | 3371 | CR 29.559 0045 Rel-19 Updates on UEID reference description for PKMF services | Xiaomi | withdrawn | WI SBIProtoc19  CAT F |
|  | **Breakout** | [3374](./docs/C4-243374.zip) | CR 29.504 0286 Rel-19 Subscription to notification of changes of AM Influence Data for Inbound roamers | Ericsson | Agreed | WI SBIProtoc19  CAT B |
|  | **Breakout** | [3375](./docs/C4-243375.zip) | CR 29.504 0287 Rel-19 New feature VPSUrsp\_HPLMNFilter | Ericsson | Agreed | WI SBIProtoc19  CAT B |
| **6.1.2** | **Subscriber Data Migration** |  |  |  |  | SUBDMIG |
|  | **Plenary** | [3116](./docs/C4-243116.zip) | CR 23.527 0079 Rel-19 Restoration feature on subscriber data migration | NTT DOCOMO INC. |  | WI SUBDMIG  CAT B |
|  | **Plenary** | [3117](./docs/C4-243117.zip) | CR 29.504 0283 Rel-19 Restoration feature on subscriber data migration | NTT DOCOMO INC. |  | WI SUBDMIG  CAT B |
|  | **Plenary** | [3126](./docs/C4-243126.zip) | CR 23.527 0080 Rel-19 Subscriber data migration | Ericsson |  | WI SUBDMIG  CAT B |
|  | **Plenary** | [3127](./docs/C4-243127.zip) | CR 29.503 1289 Rel-19 Subscriber Data Migration (Nudm\_SDM) | Ericsson |  | WI SUBDMIG  CAT B |
|  | **Plenary** | [3129](./docs/C4-243129.zip) | CR 29.504 0284 Rel-19 Subscriber Data migration (Nudr) | Ericsson |  | WI SUBDMIG  CAT B |
| **6.1.3** | **CT Aspects on Minimize the Number of Policy Associations** |  |  |  |  | TEI19\_MINPA |
|  | **Breakout** | [3033](./docs/C4-243033.zip) | CR 29.503 1273 Rel-19 Minimize number of UE and AM Policy Associations | Nokia |  | WI TEI19\_MINPA  CAT B |
|  | **Main** | [3089](./docs/C4-243089.zip) | discussion Rel-19 Discussion on the new IEs added in Namf\_Communication\_UEContextTransfer | ZTE |  |  |
|  | **Main** | [3090](./docs/C4-243090.zip) | CR 29.518 1097 Rel-19 Reuse of Existing IEs by Target AMF to Deterimine UE Policy Association Establishment | ZTE |  | WI TEI19\_MINPA  CAT B |
|  | **Main** | [3137](./docs/C4-243137.zip) | CR 29.518 1098 Rel-19 Supporting minimization of policy association by AMF | Huawei |  | WI TEI19\_MINPA  CAT B |
|  | **Main** | [3138](./docs/C4-243138.zip) | CR 29.571 0566 Rel-19 New common type for Policy Association Indicator | Huawei |  | WI TEI19\_MINPA  CAT B |
|  | **Main** | [3178](./docs/C4-243178.zip) | CR 29.518 1104 Rel-19 Add the AM Policy and UE Policy Association Enable Indication in UE context | China Mobile |  | WI TEI19\_MINPA  CAT B |
|  | **Breakout** | [3199](./docs/C4-243199.zip) | CR 29.503 1290 Rel-19 Add the AM Policy and UE Policy Association Enable Indication in AM subscription data | China Mobile |  | WI TEI19\_MINPA  CAT B |
|  | **Breakout** | [3344](./docs/C4-243344.zip) | CR 29.503 1300 Rel-19 Supporting minimization of policy association by UDM | Huawei |  | WI TEI19\_MINPA  CAT B |
|  | **Breakout** | [3351](./docs/C4-243351.zip) | CR 29.503 1303 Rel-19 Minimization of the UE and AM policy associations | Ericsson |  | WI TEI19\_MINPA  CAT B |
|  | **Main** | [3353](./docs/C4-243353.zip) | CR 29.518 1114 Rel-19 Minimization of AM and UE policy associations | Ericsson |  | WI TEI19\_MINPA  CAT B |
| **6.1.4** | **Study on Protocol for AI Data Collection from UPF** |  |  |  |  | FS\_PAIDC-UPF |
|  | **Plenary** | [3161](./docs/C4-243161.zip) | draft TR 29.889 Rel-19 Skeleton of new TR for Study on Protocol for AI Data Collection from UPF | China Mobile |  |  |
|  | **Plenary** | [3162](./docs/C4-243162.zip) | pCR 29.889 Rel-19 Scope Reference and definitions update for PAIDC | China Mobile |  |  |
|  | **Plenary** | [3164](./docs/C4-243164.zip) | pCR 29.889 Rel-19 Architectural Assumptions and Principles and Key Issues update for PAIDC | China Mobile |  |  |
|  | **Plenary** | [3183](./docs/C4-243183.zip) | discussion Rel-19 pCR on Key Issue on Excessive signaling and processing to collect UPF data for users or PDU sessions with specific characteristics | Nokia |  |  |
|  | **Plenary** | [3184](./docs/C4-243184.zip) | discussion Rel-19 pCR on Solution for Optimized UPF data collection based on user and/or PDU session's markers | Nokia |  |  |
|  | **Plenary** | [3309](./docs/C4-243309.zip) | pCR 29.889 Rel-19 Key Issue - Enabling Flexible UPF Event Reports Delivery | Ericsson |  |  |
|  | **Plenary** | [3310](./docs/C4-243310.zip) | pCR 29.889 Rel-19 Solution X to Enabling Flexible UPF Event Reports Delivery | Ericsson |  |  |
|  |  |  | TR 29.886v0.1.0 | China Mobile |  |  |
| **6.1.5** | **Study on Reducing Information Exposure over SBI** |  |  |  |  | FS\_RedInfExp\_SBI |
|  |  |  |  |  |  |  |
|  |  |  | TR 29.857v1.3.0 | Samsung |  |  |
| **6.1.6** | **Study on IMS Disaster Prevention and Restoration Enhancement** |  |  |  |  | FS\_IMS\_RES |
|  | **Plenary** | [3083](./docs/C4-243083.zip) | pCR 29.866 Rel-18 Pseudo-CR on updating solution #7 and making evaluation based on the update | ZTE |  |  |
|  | **Plenary** | [3120](./docs/C4-243120.zip) | pCR 29.866 Rel-18 Solution for speeding up the restoration procedure of the terminating session when EPC/5GC NF fails and EPC/5GC initiate the restoration procedures | Ericsson |  |  |
|  | **Plenary** | [3121](./docs/C4-243121.zip) | pCR 29.866 Rel-18 Solution to address KI #1 Continue service for registered users in case of HSS/UDM failure or overload, and KI #4 in preventing the IMS disaster in the HSS overload scenario | Ericsson |  |  |
|  | **Plenary** | [3158](./docs/C4-243158.zip) | pCR 29.866 Rel-18 Update to Solution#6 for 5GC scenario | Huawei |  |  |
|  | **Plenary** | [3159](./docs/C4-243159.zip) | pCR 29.866 Rel-18 Update to KI#3 evaluation and add KI#3 conclusion | Huawei |  |  |
|  | **Plenary** | [3234](./docs/C4-243234.zip) | LS out Rel-19 LS on FS\_IMS\_RES | China Telecom Corporation Ltd. |  |  |
|  | **Plenary** | [3235](./docs/C4-243235.zip) | pCR 29.866 Rel-18 pCR on TR 29.866 clean up | China Telecom Corporation Ltd. |  |  |
|  | **Plenary** | [3236](./docs/C4-243236.zip) | discussion Rel-19 DP on FS\_IMS\_RES HSS bypass solutions | China Telecom Corporation Ltd. |  |  |
|  | **Plenary** | [3237](./docs/C4-243237.zip) | pCR 29.866 Rel-18 pCR on TR 29.866 Update Evaluation and conclusion for KI#1 | China Telecom Corporation Ltd. |  |  |
|  | **Plenary** | [3372](./docs/C4-243372.zip) | pCR 29.866 Rel-18 pCR on TR 29.866 Update Evaluation for KI#1 | China Mobile |  |  |
|  |  |  | TR 29.866v1.1.0 | China Telecom |  |  |
| **6.2** | **CT4 Supported WIs** |  |  |  |  |  |
| **6.2.1** | **Protocol enhancements for Mission Critical Services** |  |  |  |  | MCProtoc19 |
|  |  | [3366](./docs/C4-243366.zip) | WID new Rel-19 New WID on Aspect of Phase 3 for UAS, UAV and UAM | LG Electronics Inc. | Moved to 5.2 |  |
| **6.2.2** | **CT aspects of Providing per-subscriber VLAN instructions from UDM and DN-AAA** |  |  |  |  | TEI19\_VLANSUB |
|  |  |  |  |  |  |  |
| **6.2.3** | **CT aspects of Enhancing Parameter Provisioning with static UE IP address and UP security policy** |  |  |  |  | TEI19\_IP\_SP\_EXP |
|  |  |  |  |  |  |  |
| **6.2.4** | **Enhancement of controlling RAT utilization** |  |  |  |  | ECRATU |
|  | **Plenary** | [3330](./docs/C4-243330.zip) | CR 29.272 0859 Rel-19 RAT utilization control | Huawei, Vodafone |  | WI ECRATU  CAT B |
| **6.3** | **AoB for Rel-19** |  |  |  |  |  |
| **6.3.1** | **TEI19** |  |  |  |  | TEI19 |
|  | **Plenary** | [3030](./docs/C4-243030.zip) | CR 29.510 1021 Rel-19 Update on font colour | Nokia |  | WI TEI19  CAT D |
|  | **Breakout** | [3041](./docs/C4-243041.zip) | CR 29.503 1275 Rel-19 Typo in ServiceSpecificAuthorizationData | Nokia | Merged to C4-243458 | WI eEDGE\_5GC, TEI19  CAT F  Clash with HW C4-243339  Merged into revision of C4-243339 |
|  | **Breakout** | [3047](./docs/C4-243047.zip) | CR 29.503 1279 Rel-19 AuthorizationInfo | Nokia |  | WI eEDGE\_5GC, TEI19  CAT F |
|  | **Main** | [3061](./docs/C4-243061.zip) | CR 29.281 0130 Rel-19 29.281 MPS Priority Level on QoS Flow | Peraton Labs, CISA ECD, AT&T, T-Mobile USA, Verizon |  | WI TEI19  CAT F |
|  | **Breakout** | [3064](./docs/C4-243064.zip) | discussion Rel-19 Discussion on Setting the Dual Registration Flag | ZTE |  |  |
|  | **Breakout** | [3065](./docs/C4-243065.zip) | CR 29.518 1096 Rel-19 Add EMM Registration Status in UE Context | ZTE |  | WI TEI19, 5GS\_Ph1-CT  CAT F |
|  | **Breakout** | [3066](./docs/C4-243066.zip) | CR 29.503 1281 Rel-19 Clarification on Dual Registration Flag Setting | ZTE |  | WI TEI19, 5GS\_Ph1-CT  CAT F |
|  | **Breakout** | [3067](./docs/C4-243067.zip) | CR 23.632 0047 Rel-19 Deregistration Handling for Dual Registration Mode UE | ZTE |  | WI TEI19, 5GS\_Ph1-CT  CAT F |
|  | **Breakout** | [3068](./docs/C4-243068.zip) | CR 29.563 0091 Rel-19 Deregistration Notification Rejection due to Dual Registration Mode | ZTE |  | WI TEI19, 5GS\_Ph1-CT  CAT F |
|  | **Breakout** | [3069](./docs/C4-243069.zip) | CR 29.503 1282 Rel-19 Handling of HSS Initiated AMF Deregistration | ZTE |  | WI TEI19, 5GS\_Ph1-CT  CAT F |
|  | **Main** | [3082](./docs/C4-243082.zip) | CR 29.564 0098 Rel-19 Clarify the report types of UPF events | ZTE |  | WI TEI19, UPEAS  CAT F |
|  | **Breakout** | [3096](./docs/C4-243096.zip) | CR 29.328 0651 Rel-19 IMEI retrieval | Nokia |  | WI TEI19  CAT F |
|  | **Breakout** | [3097](./docs/C4-243097.zip) | CR 29.562 0153 Rel-19 IMEI retrieval | Nokia |  | WI TEI19  CAT F |
|  | **Breakout** | [3105](./docs/C4-243105.zip) | CR 29.078 0417 Rel-19 ASN.1 Syntax Correction | Ericsson, Bell Mobility |  | WI TEI19  CAT F |
|  | **Plenary** | [3106](./docs/C4-243106.zip) | CR 29.501 0156 Rel-19 Usage of GitLab Repository | Ericsson |  | WI TEI19  CAT B |
|  |  | [3109](./docs/C4-243109.zip) | CR 29.503 1285 Rel-19 Target PLMN in SmfSelectionSubscriptionData | Ericsson, AT&T, Nokia, Vodafone | Moved to 6.3.2 | WI TEI19\_RVAS  CAT B |
|  |  | [3110](./docs/C4-243110.zip) | CR 29.503 1286 Rel-19 Enhancements on the support of Welcome SMS | Ericsson, AT&T, Nokia, Vodafone | Moved to 6.3.2 | WI TEI19\_RVAS  CAT B |
|  |  | [3111](./docs/C4-243111.zip) | CR 29.510 1025 Rel-19 Selecting a SMF in a target PLMN | Ericsson, AT&T, Nokia, Vodafone | Moved to 6.3.2 | WI TEI19\_RVAS  CAT B |
|  |  | [3112](./docs/C4-243112.zip) | CR 29.502 0788 Rel-19 Establishing a PDU session in a SMF in a target PLMN | Ericsson, AT&T, Nokia, Vodafone | Moved to 6.3.2 | WI TEI19\_RVAS  CAT B |
|  | **Main** | [3130](./docs/C4-243130.zip) | CR 23.007 0398 Rel-19 PDN Connection Restoration Indication | Ericsson |  | WI RPCPSET, TEI19  CAT B |
|  | **Main** | [3132](./docs/C4-243132.zip) | CR 29.274 2111 Rel-19 PDN Connection Restoration Indication | Ericsson |  | WI TEI19, RPCPSET  CAT B |
|  |  | [3141](./docs/C4-243141.zip) | CR 29.510 1029 Rel-19 NF discovery and selection by target PLMN | Huawei | Moved to 6.3.2 | WI TEI19\_NFsel\_by\_tPLMN  CAT B |
|  | **Plenary** | [3143](./docs/C4-243143.zip) | CR 29.510 1030 Rel-19 Missing description of RuleSet in Nnrf\_NFManagement API | Huawei |  | WI TEI19  CAT F |
|  | **Main** | [3144](./docs/C4-243144.zip) | CR 29.518 1099 Rel-19 Removing the un-used data type SmsSupport | Huawei |  | WI TEI19, 5GS\_Ph1-CT  CAT F |
|  | **Main** | [3145](./docs/C4-243145.zip) | CR 29.518 1100 Rel-19 Missing descriptions in Namf\_Location API | Huawei |  | WI TEI19, 5G\_eLCS\_Ph3  CAT F |
|  | **Plenary** | [3146](./docs/C4-243146.zip) | CR 29.510 1031 Rel-19 Correction of notification type name and status code | Huawei |  | WI TEI19  CAT F |
|  | **Plenary** | [3147](./docs/C4-243147.zip) | CR 29.500 0439 Rel-19 Correction of cause attribute value | Huawei |  | WI TEI19  CAT F |
|  | **Main** | [3148](./docs/C4-243148.zip) | CR 29.518 1101 Rel-19 Correction of attribute values and IE names | Huawei |  | WI TEI19  CAT F |
|  | **Plenary** | [3149](./docs/C4-243149.zip) | CR 29.571 0567 Rel-19 Correction of attribute and IE names | Huawei |  | WI TEI19  CAT F |
|  | **Plenary** | [3150](./docs/C4-243150.zip) | CR 29.501 0160 Rel-19 Correction of reference to an IETF Internet-Draft | Huawei |  | WI TEI19  CAT F |
|  | **Breakout** | [3151](./docs/C4-243151.zip) | CR 29.509 0226 Rel-19 Replacing the RFC reference with the updated one | Huawei |  | WI TEI19  CAT F |
|  | **Plenary** | [3154](./docs/C4-243154.zip) | CR 29.500 0440 Rel-19 Correction of feature negotiation | Huawei |  | WI TEI19  CAT F |
|  | **Plenary** | [3155](./docs/C4-243155.zip) | CR 29.510 1032 Rel-19 Correction of optional features to features | Huawei |  | WI TEI19  CAT F |
|  | **Main** | [3156](./docs/C4-243156.zip) | CR 29.518 1103 Rel-19 Corrections of reference to supported features | Huawei |  | WI TEI19  CAT F |
|  |  | [3185](./docs/C4-243185.zip) | CR 29.510 1033 Rel-19 NF discovery and selection by target PLMN | Nokia | Moved to 6.3.2 | WI TEI19\_NFsel\_by\_tPLMN  CAT B |
|  |  | [3186](./docs/C4-243186.zip) | CR 29.500 0441 Rel-19 Indirect communication with or without delegated discovery between different PLMNs with possible NF selection at target PLMN | Nokia | Moved to 6.3.2 | WI TEI19\_NFsel\_by\_tPLMN  CAT B |
|  |  | 3187 | CR 23.527 0082 Rel-19 Multicast MBS session restoration procedure for N3mb path failure | Nokia | revised to C4-243376 | Revision of C4-243376  WI TEI19  CAT B |
|  | **Plenary** | [3215](./docs/C4-243215.zip) | CR 23.015 0028 Rel-19 ODB Exempted DNNs | Ericsson |  | WI TEI19  CAT B |
|  | **Plenary** | [3216](./docs/C4-243216.zip) | CR 29.503 1291 Rel-19 ODB Exempted DNNs | Ericsson |  | WI TEI19  CAT B |
|  | **Main** | [3246](./docs/C4-243246.zip) | CR 29.502 0793 Rel-19 Old GUAMI in SM Context Status Notify | Ericsson |  | WI TEI19  CAT F |
|  | **Breakout** | [3247](./docs/C4-243247.zip) | CR 29.503 1293 Rel-19 Old GUAMI in UDM Initiated Notification to AMF | Ericsson |  | WI TEI19  CAT F |
|  | **Main** | [3248](./docs/C4-243248.zip) | CR 29.502 0794 Rel-19 Correction on RFC Clause Reference | Ericsson |  | WI TEI19  CAT F |
|  | **Breakout** | [3249](./docs/C4-243249.zip) | CR 29.503 1294 Rel-19 Correction on RFC Clause Reference | Ericsson |  | WI TEI19  CAT F |
|  | **Breakout** | [3250](./docs/C4-243250.zip) | CR 29.505 0518 Rel-19 Editorial Correction on RFC Clause Reference in OpenAPI | Ericsson |  | WI TEI19  CAT F |
|  | **Plenary** | [3251](./docs/C4-243251.zip) | CR 29.510 1035 Rel-19 Correction on RFC Clause Reference | Ericsson |  | WI TEI19  CAT F |
|  |  | [3261](./docs/C4-243261.zip) | CR 29.531 0215 Rel-19 Retrieving the mapped S-NSSAIs of the hosting operator during the Registration procedure | Nokia | Moved to 6.3.2 | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3270](./docs/C4-243270.zip) | discussion Rel-19 Service access control enhancements for deployments using an Operator group Roaming Hub | Nokia |  |  |
|  |  | [3273](./docs/C4-243273.zip) | CR 29.502 0796 Rel-18 RAN support of QoS monitoring capability | Huawei | Moved to 6.3.2 | WI TEI19\_QME  CAT B |
|  |  | [3345](./docs/C4-243345.zip) | CR 29.555 0027 Rel-19 ProSe support for NPNs | Huawei | Moved to 6.3.2 | WI TEI19\_ProSe\_NPN  CAT B |
|  |  | [3346](./docs/C4-243346.zip) | CR 29.503 1301 Rel-19 Support of NF selection in target PLMN enhancement | Huawei | Moved to 6.3.2 | WI TEI19\_RVAS  CAT B |
|  |  | [3347](./docs/C4-243347.zip) | CR 29.503 1302 Rel-19 Support of Welcome SMS | Huawei | Moved to 6.3.2 | WI TEI19\_RVAS  CAT B |
|  | **Plenary** | [3349](./docs/C4-243349.zip) | CR 23.003 0703 Rel-19 Format of SNPN ID description for 5G ProSe applications | Ericsson |  | WI TEI19  CAT B |
|  | **Plenary** | [3376](./docs/C4-243376.zip) | CR 23.527 0082 Rel-19 Multicast MBS session restoration procedure for N3mb path failure | Nokia |  | WI TEI19  CAT B |
| **6.3.2** | **AoB of Rel-19** |  |  |  |  |  |
|  | **Plenary** | [3084](./docs/C4-243084.zip) | discussion Rel-19 Discussion on PLMNs representing the hosting operator and the participating operator | ZTE, China Unicom |  |  |
|  | **Plenary** | [3085](./docs/C4-243085.zip) | CR 29.502 0787 Rel-19 Reuse the home-routed architecture for Indirect Network Sharing | ZTE |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3086](./docs/C4-243086.zip) | CR 29.503 1284 Rel-19 Clarify the PLMNs representing participating operator | ZTE |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3087](./docs/C4-243087.zip) | CR 29.509 0225 Rel-19 Clarify the PLMNs representing participating operator | ZTE |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3088](./docs/C4-243088.zip) | CR 29.510 1024 Rel-19 Reuse the home-routed architecture for Indirect Network Sharing | ZTE |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3252](./docs/C4-243252.zip) | CR 29.502 0795 Rel-19 Indirect Network Sharing Deployments Support | Ericsson |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3253](./docs/C4-243253.zip) | CR 29.510 1036 Rel-19 Indirect Network Sharing Deployments Support | Ericsson |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3254](./docs/C4-243254.zip) | CR 29.531 0213 Rel-19 Indirect Network Sharing Deployments Support | Ericsson |  | WI TEI19\_NetShare  CAT B |
|  | **Plenary** | [3261](./docs/C4-243261.zip) | CR 29.531 0215 Rel-19 Retrieving the mapped S-NSSAIs of the hosting operator during the Registration procedure | Nokia |  | WI TEI19\_NetShare  CAT B |
|  | **Main** | [3109](./docs/C4-243109.zip) | CR 29.503 1285 Rel-19 Target PLMN in SmfSelectionSubscriptionData | Ericsson, AT&T, Nokia, Vodafone |  | WI TEI19\_RVAS  CAT B |
|  | **Main** | [3110](./docs/C4-243110.zip) | CR 29.503 1286 Rel-19 Enhancements on the support of Welcome SMS | Ericsson, AT&T, Nokia, Vodafone |  | WI TEI19\_RVAS  CAT B |
|  | **Main** | [3111](./docs/C4-243111.zip) | CR 29.510 1025 Rel-19 Selecting a SMF in a target PLMN | Ericsson, AT&T, Nokia, Vodafone |  | WI TEI19\_RVAS  CAT B |
|  | **Main** | [3112](./docs/C4-243112.zip) | CR 29.502 0788 Rel-19 Establishing a PDU session in a SMF in a target PLMN | Ericsson, AT&T, Nokia, Vodafone |  | WI TEI19\_RVAS  CAT B |
|  | **Main** | [3346](./docs/C4-243346.zip) | CR 29.503 1301 Rel-19 Support of NF selection in target PLMN enhancement | Huawei |  | WI TEI19\_RVAS  CAT B |
|  | **Main** | [3347](./docs/C4-243347.zip) | CR 29.503 1302 Rel-19 Support of Welcome SMS | Huawei |  | WI TEI19\_RVAS  CAT B |
|  | **Plenary** | [3141](./docs/C4-243141.zip) | CR 29.510 1029 Rel-19 NF discovery and selection by target PLMN | Huawei |  | WI TEI19\_NFsel\_by\_tPLMN  CAT B |
|  | **Plenary** | [3185](./docs/C4-243185.zip) | CR 29.510 1033 Rel-19 NF discovery and selection by target PLMN | Nokia |  | WI TEI19\_NFsel\_by\_tPLMN  CAT B |
|  | **Plenary** | [3186](./docs/C4-243186.zip) | CR 29.500 0441 Rel-19 Indirect communication with or without delegated discovery between different PLMNs with possible NF selection at target PLMN | Nokia |  | WI TEI19\_NFsel\_by\_tPLMN  CAT B |
|  | **Plenary** | [3168](./docs/C4-243168.zip) | discussion Rel-19 DISC\_TEI19\_OBGAD | China Mobile |  |  |
|  | **Main** | [3173](./docs/C4-243173.zip) | CR 29.502 0789 Rel-19 Add the QoS monitoring capability in Nsmf\_PDUSession API | China Mobile |  | WI TEI19\_QME  CAT B |
|  | **Main** | [3273](./docs/C4-243273.zip) | CR 29.502 0796 Rel-18 RAN support of QoS monitoring capability | Huawei | Revised to C4-243383 | WI TEI19\_QME  CAT B |
|  |  | [3383](./docs/C4-243383.zip) | CR 29.502 0796 Rel-18 RAN support of QoS monitoring capability | Huawei |  | Should be Rel-19 CR |
|  |  | [3199](./docs/C4-243199.zip) | CR 29.503 1290 Rel-19 Add the AM Policy and UE Policy Association Enable Indication in AM subscription data | China Mobile | Moved to 6.1.3 | WI TEI19\_MINPA  CAT B |
|  | **Breakout** | [3345](./docs/C4-243345.zip) | CR 29.555 0027 Rel-19 ProSe support for NPNs | Huawei |  | WI TEI19\_ProSe\_NPN  CAT B  Corresponding WI not created yet, need to postpone |
|  |  | [3350](./docs/C4-243350.zip) | discussion Rel-19 Discussion on the stage 2 study work overview and potential stage 3 work analysis on AmbientIoT | Huawei | Moved to 5.2 |  |
|  |  | [3368](./docs/C4-243368.zip) | discussion Rel-19 Discussion on CT aspects of UAS\_Ph3 and history of UAS rapporteurship | LG Electronics Inc. | Moved to 5.2 |  |
|  | **Plenary** | [3379](./docs/C4-243379.zip) | CR 29.272 0860 Rel-19 Support for Store and Forward mode | Intel |  | WI 5GSAT\_Ph3\_ARCH  CAT B |
|  | **Main** | [3380](./docs/C4-243380.zip) | CR 29.244 0867 Rel-19 Usage of PDU Set QoS information for DSCP marking | Intel |  | WI XRM\_Ph2  CAT B  Corresponding WI not created yet, need to postpone |
| **6.3.3** | **Open API version and External docs** |  |  |  |  |  |
|  |  |  | 29.175 0 Rel19 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.176 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.256 0 Rel19 API version and External doc update | Qualcomm Incorporated | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.309 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.502 0 Rel19 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.503 0 Rel19 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.504 0 Rel19 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.505 0 Rel19 External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.509 0 Rel19 API version and External doc update | Orange | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.510 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.511 0 Rel19 API version and External doc update | Deutsche Telekom | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.515 0 Rel19 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.518 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.526 0 Rel19 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.531 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.532 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.536 0 Rel19 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.540 0 Rel19 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.541 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.542 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.544 0 Rel19 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.550 0 Rel19 API version and External doc update | Orange | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.553 0 Rel19 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.555 0 Rel19 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.556 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.559 0 Rel19 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.562 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.563 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.564 0 Rel19 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.571 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.572 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.573 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.577 0 Rel19 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.578 0 Rel19 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.579 0 Rel19 API version and External doc update | China Telecom | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.581 0 Rel19 API version and External doc update | Samsung | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.586 0 Rel19 API version and External doc update | Xiaomi | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.598 0 Rel19 API version and External doc update | CISCO | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.673 0 Rel19 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  |  |  |  |  |
| **7** | **Release 18** |  |  |  |  |  |
| **7.1** | **CT4 Led WIs** |  |  |  |  |  |
| **7.1.1** | **Service based Interface protocol improvements Release 18** |  |  |  |  | SBIProtoc18 |
|  | **Plenary** | [3070](./docs/C4-243070.zip) | CR 29.510 1022 Rel-18 Additional Correction to UdrInfo, UdmInfo, AusfInfo, PcfInfo | ZTE | OPEN | WI SBIProtoc18  CAT F  Jesus: to delegate mapping of SUPI AND GPSI to NRF is not the idea of the agreed CR  Roya: it is NOT FASMO  Anders: we do not think this is needed.  Ulrich: do we need to clarify the case where only GPSI ranges are present in the profile; Jesus: up to the configuration of the NW. |
|  | **Main** | [3079](./docs/C4-243079.zip) | CR 29.531 0212 Rel-18 Clarify the cases invoking Nnssf\_NSSelection service | ZTE |  | WI SBIProtoc18  CAT F |
|  | **Main** | [3080](./docs/C4-243080.zip) | CR 29.536 0132 Rel-18 Clarify the setting of the IEs included in NumOfUEsUpdate service | ZTE |  | WI SBIProtoc18  CAT F |
|  | **Plenary** | [3081](./docs/C4-243081.zip) | CR 29.510 1023 Rel-18 Clarify the NF Type in the NfGroupCond | ZTE | Revised to C4-243403 | WI SBIProtoc18  CAT F  Jesus: does the BSF and UDSF profile have groupID? Shuang: yes  Jesus: how to make this change backward compatible  Bruno: if the implementation does not implement this CR it will anyhow not be able to handle such kind of subscription |
|  |  | [3403](./docs/C4-243403.zip) | CR 29.510 1023 Rel-18 Clarify the NF Type in the NfGroupCond | ZTE |  |  |
|  | **Plenary** | [3092](./docs/C4-243092.zip) | CR 29.573 0206 Rel-18 Indication on support of senderN32fFqdn and senderN32fPortList/senderN32fport | NTT DOCOMO | Revised to C4-243411 | WI SBIProtoc18  CAT F  Jones: what is the benefit to have such kind of negotiation? |
|  |  | [3411](./docs/C4-243411.zip) | CR 29.573 0206 Rel-18 Indication on support of senderN32fFqdn and senderN32fPortList/senderN32fport | NTT DOCOMO, Nokia |  |  |
|  | **Plenary** | [3093](./docs/C4-243093.zip) | CR 29.573 0207 Rel-18 Autonomous correlation of N32-c and N32-f | NTT DOCOMO | Revised to C4-243412 | WI SBIProtoc18  CAT F |
|  |  | [3412](./docs/C4-243412.zip) | CR 29.573 0207 Rel-18 Autonomous correlation of N32-c and N32-f | NTT DOCOMO, China Mobile |  |  |
|  | **Breakout** | [3115](./docs/C4-243115.zip) | CR 29.504 0282 Rel-18 Removal of URI-reference feature | Ericsson, MCC | Revised to C4-243442 | WI SBIProtoc18  CAT F  The only change is to correct the coversheet with other comments. |
|  |  | [3442](./docs/C4-243442.zip) | CR 29.504 0282 Rel-18 Removal of URI-reference feature | Ericsson, MCC | Agreed |  |
|  | **Plenary** | [3135](./docs/C4-243135.zip) | CR 29.510 1026 Rel-18 Missing Application Data Subsets within dataSetId | Ericsson | Revised to C4-243413 | WI SBIProtoc18  CAT F |
|  |  | [3413](./docs/C4-243413.zip) | CR 29.510 1026 Rel-18 Missing Application Data Subsets within dataSetId | Ericsson | Agreed | The only changes are to correct the coverpage  WOP |
|  | **Plenary** | [3188](./docs/C4-243188.zip) | CR 29.500 0442 Rel-18 RWS replaced by OWS in HTTP custom headers | Nokia | Agreed | WI SBIProtoc18  CAT F |
|  | **Plenary** | [3224](./docs/C4-243224.zip) | LS out Rel-18 HTTP redirection for multiple SEPPs per PLMN | Telekom Deutschland GmbH | Revised to C4-243429 | To: GSMA NG 5GMRR  CC: |
|  |  | [3429](./docs/C4-243429.zip) | LS out Rel-18 HTTP redirection for multiple SEPPs per PLMN | Telekom Deutschland GmbH |  |  |
|  | **Plenary** | [3225](./docs/C4-243225.zip) | CR 29.573 0208 Rel-18 HTTP redirection for multiple SEPPs per PLMN | Deutsche Telekom AG | Revised to C4-243414 | WI SBIProtoc18  CAT F  CAT B CR for Rel-18 not desired |
|  |  | [3414](./docs/C4-243414.zip) | CR 29.573 0208 Rel-18 HTTP redirection for multiple SEPPs per PLMN | Deutsche Telekom AG |  |  |
|  | **Plenary** | [3226](./docs/C4-243226.zip) | CR 29.571 0570 Rel-18 New API for HTTP redirection for multiple SEPPs per PLMN | Deutsche Telekom AG | Withdrawn | WI SBIProtoc18  CAT B  CAT B CR for Rel-18 not desired |
|  | **Plenary** | [3227](./docs/C4-243227.zip) | CR 29.500 0443 Rel-18 HTTP redirection for multiple SEPPs per PLMN | Deutsche Telekom AG | Withdrawn | WI SBIProtoc18  CAT F |
|  | **Plenary** | [3274](./docs/C4-243274.zip) | CR 29.501 0161 Rel-18 Update of the template for the HTTP RFC obsoleted by IETF RFC 9113 | Huawei | Revised to C4-243382 | WI SBIProtoc19  CAT F |
|  |  | [3382](./docs/C4-243382.zip) | CR 29.501 0161 Rel-18 Update of the template for the HTTP RFC obsoleted by IETF RFC 9113 | Huawei | Revised to C4-243415 | FASMO? |
|  |  | [3415](./docs/C4-243415.zip) | CR 29.501 0161 Rel-18 Update of the template for the HTTP RFC obsoleted by IETF RFC 9113 | Huawei | Agreed | The only changes are to use SBIProtoc19, and change the release number on the coversheet of the template  WOP |
|  | **Plenary** | [3275](./docs/C4-243275.zip) | CR 29.501 0162 Rel-18 HTTP RFCs obsoleted by IETF RFC 9110 and 9113 | Huawei | Agreed | WI SBIProtoc18  CAT F |
|  | **Plenary** | [3276](./docs/C4-243276.zip) | CR 29.540 0120 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243416 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3416](./docs/C4-243416.zip) | CR 29.540 0120 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3277](./docs/C4-243277.zip) | CR 29.541 0042 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243417 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3417](./docs/C4-243417.zip) | CR 29.541 0042 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3278](./docs/C4-243278.zip) | CR 29.542 0039 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243418 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3418](./docs/C4-243418.zip) | CR 29.542 0039 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Breakout** | [3331](./docs/C4-243331.zip) | CR 29.503 1297 Rel-18 Remove Editor's Notes | Huawei | Agreed | WI SBIProtoc18  CAT F |
|  | **Breakout** | [3332](./docs/C4-243332.zip) | CR 29.503 1298 Rel-18 Remove the onDemand indication | Huawei | Moved to 7.2.16 | WI SBIProtoc18  CAT F |
|  | **Plenary** | [3333](./docs/C4-243333.zip) | CR 29.509 0227 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243419 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3419](./docs/C4-243419.zip) | CR 29.509 0227 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3334](./docs/C4-243334.zip) | CR 29.559 0043 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243420 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3420](./docs/C4-243420.zip) | CR 29.559 0043 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3335](./docs/C4-243335.zip) | CR 29.572 0281 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243421 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3421](./docs/C4-243421.zip) | CR 29.572 0281 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3336](./docs/C4-243336.zip) | CR 29.577 0020 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243422 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3422](./docs/C4-243422.zip) | CR 29.577 0020 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3337](./docs/C4-243337.zip) | CR 29.579 0021 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243423 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3423](./docs/C4-243423.zip) | CR 29.579 0021 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3338](./docs/C4-243338.zip) | CR 29.586 0013 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Revised to C4-243424 | WI SBIProtoc19  CAT F  FASMO? |
|  |  | [3424](./docs/C4-243424.zip) | CR 29.586 0013 Rel-18 The term Payload is replaced with Content due to RFC 9113 | Huawei | Agreed | The only change is to change the WIC on the coversheet and the release of the CR  WOP |
|  | **Plenary** | [3360](./docs/C4-243360.zip) | CR 29.510 1040 Rel-18 UdrInfo Clarification | Ericsson | Revised to C4-243425 | WI SBIProtoc19  CAT F |
|  |  | [3425](./docs/C4-243425.zip) | CR 29.510 1040 Rel-18 UdrInfo Clarification | Ericsson |  |  |
|  | **Breakout** | [3373](./docs/C4-243373.zip) | CR 29.504 0285 Rel-18 Correction to VPLMNSpecificURSP feature | Ericsson | Revised to C4-243443 | WI SBIProtoc18  CAT F  The only change is to correct other comments in the cover sheet. |
|  |  | [3443](./docs/C4-243443.zip) | CR 29.504 0285 Rel-18 Correction to VPLMNSpecificURSP feature | Ericsson | Agreed |  |
| **7.1.2** | **Study on IETF QUIC Transport for 5GC Service Based Interfaces** |  |  |  |  | FS\_QUIC |
|  |  |  |  |  |  |  |
| **7.1.3** | **Study on NRF API enhancements to avoid signalling and storing of redundant data** |  |  |  |  | FS\_NRFe |
|  |  |  |  |  |  |  |
| **7.1.4** | **5GS support of NR RedCap UE with long eDRX for RRC\_INACTIVE State** |  |  |  |  | NR\_REDCAP\_Ph2 |
|  |  |  |  |  |  |  |
| **7.1.5** | CT aspects on Multiple location report for MT-LR Immediate Location Request for regulatory services |  |  |  |  | TEI18\_MLR |
|  |  |  |  |  |  |  |
| **7.1.6** | CT aspects of enhancement to the 5GC location services - phase 3 |  |  |  |  | 5G\_eLCS\_Ph3 |
|  | Breakout | [3118](./docs/C4-243118.zip) | CR 23.003 0701 Rel-18 Adding LCS specific identifiers | OPPO | Revised to C4-243444 | WI 5G\_eLCS\_Ph3  CAT F  Ulich: check 28.x.2.y Routing ID, for Mamdoh comments.  Jesus: Jones comments on Routing ID, it is aligned between CT1/CT4.  Baixiao: The routing ID is used between the UE and AMF, and it is allocated by the AMF. Need correction. Also question on using IP address as deffered routing ID. |
|  |  | [3444](./docs/C4-243444.zip) | CR 23.003 0701 Rel-18 Adding LCS specific identifiers7.2.16 | OPPO |  |  |
| **7.1.7** | Enhancement of Shared Data Handling |  |  |  |  | ShDatID |
|  |  |  |  |  |  |  |
| **7.1.8** | Enhancement of Shared Data Handling [ShDatID]CT Aspects of Edge Computing Phase 2 |  |  |  |  | EDGE\_Ph2 |
|  | Breakout | [3308](./docs/C4-243308.zip) | CR 29.503 1296 Rel-18 Add list of supported PLMNs with ECSP information to the ECS address information | Qualcomm Incorporated, Samsung | Revised to C4-243441 | WI EDGE\_Ph2  CAT F  Frank: Don't see too much help of the SA6 LS. In general, the ECS address information is already per PLMN configured. The ECSP ID is useful but not need for per PLMN configuration in additional.  Varini: CT1 has some discussion ongoing and waiting for SA2 decision.  Urich: error in the OpenAPI changes. |
|  |  | [3441](./docs/C4-243441.zip) | CR 29.503 1296 Rel-18 Add list of supported PLMNs with ECSP information to the ECS address information | Qualcomm Incorporated, Samsung |  |  |
| **7.1.9** | Enhancement of NSAC for maximum number of UEs with at least one PDU session/PDN connection |  |  |  |  | eNSAC |
|  |  |  |  |  |  |  |
| **7.1.10** | UPF enhancement for exposure and SBA |  |  |  |  | UPEAS |
|  |  | 3189 | CR 29.564 0099 Rel-18 UPF event exposure for Ethernet PDU sessions | Nokia | revised to C4-243377 | Revision of C4-243377  WI UPEAS  CAT F |
|  | Main | [3220](./docs/C4-243220.zip) | CR 29.564 0101 Rel-18 Correct application error for the GetUEPrivateIpAddrAndIdentifiers service | Ericsson |  | WI UPEAS  CAT F |
|  | Main | [3221](./docs/C4-243221.zip) | CR 29.564 0102 Rel-18 Correct data type UeIpInfo for the GetUEPrivateIpAddrAndIdentifiers service | Ericsson |  | WI UPEAS  CAT F |
|  | Main | [3222](./docs/C4-243222.zip) | CR 29.564 0103 Rel-18 Correct Upf event subscription for per S-NSSAI and/or DNN | Ericsson |  | WI UPEAS  CAT F |
|  | Main | [3279](./docs/C4-243279.zip) | CR 29.564 0104 Rel-18 Correction on ethernet subscription | Huawei |  | WI UPEAS  CAT F |
|  |  | 3377 | CR 29.564 0099 Rel-18 UPF event exposure for Ethernet PDU sessions | Nokia | revised to C4-243378 | Revision of C4-243378  WI UPEAS  CAT F |
|  | Main | [3378](./docs/C4-243378.zip) | CR 29.564 0099 Rel-18 UPF event exposure for Ethernet PDU sessions | Nokia |  | WI UPEAS  CAT F |
| **7.1.11** | 5 MBS Phase 2 |  |  |  |  | 5MBS\_PH2 |
|  | **Main** | [3142](./docs/C4-243142.zip) | CR 23.527 0081 Rel-18 Restoration mechanism for N3mb path failure for multicast MBS session | Huawei |  | WI 5MBS\_Ph2  CAT F |
|  | Main | [3190](./docs/C4-243190.zip) | CR 29.244 0862 Rel-18 Removal of MBS Flow Based charging | Nokia |  | WI 5MBS\_Ph2  CAT F |
| **7.1.12** | Enhancements on Service-based support for SMS in 5GC |  |  |  |  | eSMS\_SBI |
|  |  |  |  |  |  |  |
| **7.1.13** | CT aspects of home network triggered primary authentication |  |  |  |  | HN\_Auth |
|  |  |  |  |  |  |  |
| **7.1.14** | NRF API enhancements to avoid signalling and storing of redundant data |  |  |  |  | NRFe |
|  |  |  |  |  |  |  |
| **7.1.15** | CT impacts of EVS Codec Extension for Immersive Voice and Audio Services |  |  |  |  | IVAS\_Codec |
|  |  |  |  |  |  |  |
| **7.2** | **CT4 Supported WIs** |  |  |  |  |  |
| **7.2.1** | **Enhancements of UE Policy** |  |  |  |  | UEP18 |
|  |  |  |  |  |  |  |
| **7.2.2** | **CT aspects of Enhanced support of Non-Public Networks Phase 2** |  |  |  |  | eNPN\_Ph2 |
|  |  |  |  |  |  |  |
| **7.2.3** | **Protocol enhancements for Mission Critical Services** |  |  |  |  | MCPROTOC18 |
|  |  |  |  |  |  |  |
| **7.2.4** | **Support for 5WWC Phase 2** |  |  |  |  | 5WWC\_Ph2 |
|  |  |  |  |  |  |  |
| **7.2.5** | **Mission critical system migration and interconnection enhancements** |  |  |  |  | eMCSMI\_Irail |
|  |  |  |  |  |  |  |
| **7.2.6** | **CT aspects of proximity based services in 5GS Phase 2** |  |  |  |  | 5G\_ProSe\_Ph2 |
|  |  |  |  |  |  |  |
| **7.2.7** | **Secondary DN authentication and authorization in EPC IWK cases** |  |  |  |  | TEI18\_SDNAEPC |
|  |  |  |  |  |  |  |
| **7.2.8** | **CT aspects of Seamless UE session context recovery** |  |  |  |  | SUECR |
|  |  |  |  |  |  |  |
| **7.2.9** | **CT aspects of General Support of IPv6 Prefix Delegation in 5GS[** |  |  |  |  | TEI18\_IPv6PD |
|  |  |  |  |  |  |  |
| **7.2.10** | **CT aspects of 5G System with Satellite Backhaul** |  |  |  |  | 5GSATB |
|  |  |  |  |  |  |  |
| **7.2.11** | **5G Timing Resiliency and TSC & URLLC enhancements** |  |  |  |  | TRS\_URLLC |
|  | **Main** | [3191](./docs/C4-243191.zip) | CR 29.585 0001 Rel-18 Correction to the IEEE 802.1Qdj reference | Nokia |  | WI TRS\_URLLC  CAT F |
| **7.2.12** | **Extensions to the TSC Framework to support DetNet** |  |  |  |  | DetNet |
|  |  |  |  |  |  |  |
| **7.2.13** | **CT aspects of 5G System Enabler for Service Function Chaining** |  |  |  |  | SFC |
|  |  |  |  |  |  |  |
| **7.2.14** | **CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system  architecture; Phase** |  |  |  |  | ATSSS\_PH3 |
|  | **Main** | [3119](./docs/C4-243119.zip) | CR 23.003 0702 Rel-18 Adding MPQUIC specific identifier | OPPO |  | WI ATSSS\_Ph3  CAT F |
|  | **Plenary** | [3233](./docs/C4-243233.zip) | Work Plan Rel-18 Work Plan for ATSSS Phase 3 | Lenovo |  |  |
| **7.2.15** | **Enablers for Network Automation for 5G phase 3** |  |  |  |  | eNA\_PH3 |
|  | **Plenary** | [3139](./docs/C4-243139.zip) | CR 29.510 1028 Rel-18 Adding the missing delegated access token request | Huawei | Merged to C4-243426 | WI eNA\_Ph3, eNA\_Ph3\_SEC  CAT F |
|  | **Plenary** | [3140](./docs/C4-243140.zip) | CR 29.500 0438 Rel-18 Delegated authorization to support AI/ML model sharing | Huawei | Revised to C4-243427 | WI eNA\_Ph3, eNA\_Ph3\_SEC  CAT F |
|  |  | [3427](./docs/C4-243427.zip) | CR 29.500 0438 Rel-18 Delegated authorization to support AI/ML model sharing | Huawei, Nokia |  |  |
|  | **Plenary** | [3262](./docs/C4-243262.zip) | CR 29.500 0446 Rel-18 CCA of the ML model consumer | Nokia | Merged to C4-243427 | WI eNA\_Ph3  CAT F |
|  | **Plenary** | [3263](./docs/C4-243263.zip) | CR 29.510 1037 Rel-18 Authorize ML model service consumer | Nokia | Revised to C4-243426 | WI eNA\_Ph3, eNA\_Ph3\_SEC  CAT F |
|  |  | [3426](./docs/C4-243426.zip) | CR 29.510 1037 Rel-18 Authorize ML model service consumer | Nokia, Huawei |  |  |
| **7.2.16** | **CT aspects on enhancement of network slicing phase 3** |  |  |  |  | eNS\_PH3 |
|  | **Breakout** | [3059](./docs/C4-243059.zip) | CR 29.504 0279 Rel-18 Feature support MultiPduSessInfo | Nokia | Agreed | WI eNS\_Ph3  CAT F |
|  | **Main** | [3071](./docs/C4-243071.zip) | CR 29.536 0131 Rel-18 Alternative S-NSSAI and Access Type | ZTE |  | WI eNS\_Ph3  CAT F |
|  | **Plenary** | [3072](./docs/C4-243072.zip) | CR 29.503 1283 Rel-18 Access Type for Slice Deregistration Inactivity Timer and PDU Session Inactivity Timer | ZTE | Postponed | WI eNS\_Ph3  CAT F  Waiting for the reply to LS in 3428 |
|  |  | [3428](./docs/C4-243428.zip) | LS out LS on configuration of slice usage control information | ZTE |  | To: SA2, CT1  CC:CT3 |
|  | **Plenary** | [3073](./docs/C4-243073.zip) | CR 29.571 0565 Rel-18 Access Type for SliceUsageControlInfo | ZTE | Postponed | WI eNS\_Ph3  CAT F  Waiting for the reply to LS in 3428 |
|  | **Main** | [3152](./docs/C4-243152.zip) | CR 29.518 1102 Rel-18 Network Slice Deregistration Inactive timer information | Huawei |  | WI eNS\_Ph3  CAT F |
|  | **Main** | [3260](./docs/C4-243260.zip) | CR 29.531 0214 Rel-18 Mapping of S-NSSAIs in HPLMN and VPLMN | Nokia |  | WI eNS\_Ph3  CAT F |
|  | **Breakout** | [3332](./docs/C4-243332.zip) | CR 29.503 1298 Rel-18 Remove the onDemand indication | Huawei | Revised to C4-243445 | WI eNS\_Ph3  CAT F  Jesus: Jones has comments that it is better to add link to SA2 CR.  Jesus: At least some updates to the impacted APIs are needed, e.g. Nudr. |
|  |  | [3445](./docs/C4-243445.zip) | CR 29.503 1298 Rel-18 Remove the onDemand indication | Huawei |  | WI eNS\_Ph3  CAT F |
| **7.2.17** | **Generic group management, exposure and communication enhancements** |  |  |  |  | GMEC |
|  |  |  |  |  |  |  |
| **7.2.18** | **CT aspects of Next Generation Real time Communication services** |  |  |  |  | NG\_RTC |
|  | **Breakout** | [3038](./docs/C4-243038.zip) | CR 29.176 0015 Rel-18 Cardinality correction | Nokia | Revised to C4-243448 | WI NG\_RTC  CAT F  Jesus: Navenca has concerns that a line might not be present in SDP.  Mengdi: In DC, the a line is always present.  Offline check is neeeded. |
|  |  | [3448](./docs/C4-243448.zip) | CR 29.176 0015 Rel-18 Cardinality correction | Nokia |  | OPEN |
|  | **Breakout** | [3074](./docs/C4-243074.zip) | CR 29.175 0013 Rel-18 Corrections and Updates to Notify Service Operation | ZTE | Agreed | WI NG\_RTC  CAT F |
|  | **Breakout** | [3075](./docs/C4-243075.zip) | CR 29.176 0016 Rel-18 Updates to MF Media Resource Management Service Operations | ZTE | Revised to C4-243450 | WI NG\_RTC  CAT F  Correct the typo in MEDIA\_ID\_CONFILICT  Add 500 xxx in the Application Error table  Correct some mistakes |
|  |  | [3450](./docs/C4-243450.zip) | CR 29.176 0016 Rel-18 Updates to MF Media Resource Management Service Operations | ZTE |  |  |
|  | **Breakout** | [3131](./docs/C4-243131.zip) | CR 29.176 0017 Rel-18 Remove the redundant securitySetup in DcMedia | Huawei | Agreed | WI NG\_RTC  CAT F |
|  | **Breakout** | [3133](./docs/C4-243133.zip) | CR 29.175 0014 Rel-18 Remove the SecuritySetup in clause 6.1.6.1 | Huawei | Agreed | WI NG\_RTC  CAT F |
|  | **Breakout** | [3134](./docs/C4-243134.zip) | CR 29.176 0018 Rel-18 Update the procedure of creation a new media context | Huawei | Revised to C4-243449 | WI NG\_RTC  CAT F  To change the bullet sequence, let the mandatory IE appear first.  Other editorial corrections are required. |
|  |  | [3449](./docs/C4-243449.zip) | CR 29.176 0018 Rel-18 Update the procedure of creation a new media context | Huawei |  |  |
|  | **Breakout** | [3136](./docs/C4-243136.zip) | CR 29.510 1027 Rel-18 Update the NrfInfo to include the information of DCSF, MF, MRF and MRFP | Huawei | Revised to C4-243451 | WI NG\_RTC  CAT F  The only change is to correct the spelling error in the table for the first attriute. |
|  |  | [3451](./docs/C4-243451.zip) | CR 29.510 1027 Rel-18 Update the NrfInfo to include the information of DCSF, MF, MRF and MRFP | Huawei | Agreed | WOP |
|  | **Breakout** | [3157](./docs/C4-243157.zip) | CR 29.571 0568 Rel-18 Correct the data type of AppDcInfo | Huawei | Revised to C4-2434523456 | WI NG\_RTC  CAT F  Ericsson have problem on this CR, it is not backward compatible changes. It is better to introduce new attributes.  Instead of changing the existing attribute to array, an new additionalDcInfoList is to be introduced. And NOTE to address how to use it, e.g. if 3 are to be listed, then the first one goes to the existing attribute and the rest goes to the new array. |
|  |  | [3452](./docs/C4-243452.zip) | CR 29.571 0568 Rel-18 Correct the data type of AppDcInfo | Huawei |  |  |
|  | **Breakout** | [3218](./docs/C4-243218.zip) | CR 29.175 0015 Rel-18 Update the sessionInfo description for Nimsas\_SessionEventControl API | China Mobile | Revised to C4-243453 | WI NG\_RTC  CAT F  Remove the CR dependency to stage 2 CR, since this change is useful to stage 3 implementations.  The only change is in the coversheet to remove the dependency on stage 2 CRs, to get rid of the risk if stage 2 CR is not agreed due to some reason. |
|  |  | [3453](./docs/C4-243453.zip) | CR 29.175 0015 Rel-18 Update the sessionInfo description for Nimsas\_SessionEventControl API | China Mobile | Agreed | WOP |
|  | **Breakout** | [3355](./docs/C4-243355.zip) | CR 29.571 0577 Rel-18 Corrections on DC endpoint parameters | CATT | Revised to C4-243454 | WI NG\_RTC  CAT F  Instead of directly change the fingerprint to array, new attribute of array should be introduced. And clarify the usage if more than one is present. |
|  |  | [3454](./docs/C4-243454.zip) | CR 29.571 0577 Rel-18 Corrections on DC endpoint parameters | CATT |  |  |
| **7.2.19** | **CT Aspect of Further Architecture Enhancement for UAV and UAM Ph2** |  |  |  |  | UAS\_Ph2 |
|  |  |  |  |  |  |  |
| **7.2.20** | **CT aspects of Ranging based services and sidelink positioning** |  |  |  |  | Ranging\_SL |
|  | **Breakout** | [3174](./docs/C4-243174.zip) | CR 24.080 0119 Rel-18 Correction on the maximum number of devices in one SLPP message | vivo | Revised to C4-243446 | WI Ranging\_SL  CAT F  It depends on the RAN LS and CT1 LS back to RAN. RAN requires the maximum number of SLPP message to 255. |
|  |  | [3446](./docs/C4-243446.zip) | CR 24.080 0119 Rel-18 Correction on the maximum number of devices in one SLPP message | vivo | OPEN |  |
|  | **Breakout** | [3241](./docs/C4-243241.zip) | CR 29.572 0278 Rel-18 Supported Ranging and Sidelink Positioning Methods for Located UE Selection | Ericsson | Revised to C4-243447 | WI Ranging\_SL  CAT F  Tingfang: It depends on the CT1 discussion. And, it is better to start this optimization from release 19. And corrections to cover page is needed. |
|  |  | [3447](./docs/C4-243447.zip) | CR 29.572 0278 Rel-18 Supported Ranging and Sidelink Positioning Methods for Located UE Selection | Ericsson | OPEN | Wait for CT1 discussion and decision. |
| **7.2.21** | **CT aspects of System Support for AI/ML-based Services** |  |  |  |  | AIMLsys |
|  | **Breakout** | [3031](./docs/C4-243031.zip) | CR 29.503 1272 Rel-18 Typo correction in ExpectedUeBehaviourDataset | Nokia | Agreed | WI AIMLsys  CAT F |
| **7.2.22** | **CT aspects of Personal IoT Network** |  |  |  |  | PIN |
|  |  |  |  |  |  |  |
| **7.2.23** | **CT aspects of enhancement of 5G UE Policy** |  |  |  |  | eUEPO |
|  |  |  |  |  |  |  |
| **7.2.24** | **CT Aspect of Architecture Enhancements for Vehicle Mounted Relays** |  |  |  |  | VMR |
|  |  |  |  |  |  |  |
| **7.2.25** | **CT aspects on 5G AM Policy** |  |  |  |  | AMP |
|  |  |  |  |  |  |  |
| **7.2.26** | **Architecture Enhancements for XR and media services** |  |  |  |  | XRM |
|  | **Main** | [3076](./docs/C4-243076.zip) | CR 29.244 0861 Rel-18 Number of PDUs in the PDU Set | ZTE |  | WI XRM  CAT F |
|  | **Main** | [3280](./docs/C4-243280.zip) | CR 29.244 0864 Rel-18 Correction on UPF L4S | Huawei |  | WI XRM  CAT F |
|  | **Main** | [3281](./docs/C4-243281.zip) | CR 29.281 0131 Rel-18 Correction on PDU Set Information Container Extension Header | Huawei |  | WI XRM  CAT F |
| **7.2.27** | **PLMN Selection based on Network Slice** |  |  |  |  | PLMNsel\_NS |
|  |  |  |  |  |  |  |
| **7.2.28** | **MPS when access to EPC/5GC is WLAN** |  |  |  |  | MPS\_WLAN |
|  |  |  |  |  |  |  |
| **7.2.29** | **Network Slice Capability Exposure for Application Layer Enablement** |  |  |  |  | NSCALE |
|  |  |  |  |  |  |  |
| **7.3** | **AoB for Rel-18** |  |  |  |  |  |
| **7.3.1** | **TEI18** |  |  |  |  | TEI18 |
|  | **Plenary** | [3029](./docs/C4-243029.zip) | CR 29.510 1020 Rel-18 Missing Pilcrow in yaml | Nokia | Agreed | WI TEI18  CAT F |
|  | **Main** | [3039](./docs/C4-243039.zip) | CR 29.518 1095 Rel-19 subregTimer in IdleStatusIndication | Nokia |  | WI TEI18  CAT F |
|  | **Breakout** | [3054](./docs/C4-243054.zip) | CR 29.503 1280 Rel-18 MSISDN exposure | Nokia | Merged to C4-243455 | WI TEI18, EDGEAPP  CAT F  Ericsson CR in C4-243361.  Jesus: question on the dummy MSISDN, why not send it if not allowed.  Merged into Ericsson revision in C4-243455. |
|  | **Breakout** | [3055](./docs/C4-243055.zip) | CR 29.505 0515 Rel-18 MSISDN exposure | Nokia | OPEN | WI TEI18, EDGEAPP  CAT F  Clash with Ericsson C4-243354. |
|  | **Plenary** | [3114](./docs/C4-243114.zip) | CR 23.527 0078 Rel-18 Notify 5G-AN User Plane Path Failure | Ericsson | Merged to C4-243430 | WI TEI18  CAT F  Overlapping with 3194, 3282 |
|  | **Breakout** | [3153](./docs/C4-243153.zip) | CR 29.540 0119 Rel-18 Incorrect implementation of CR 29.540 #0117 | Huawei, MCC | Agreed | WI TEI18  CAT F |
|  | **Main** | [3192](./docs/C4-243192.zip) | CR 29.518 1106 Rel-18 Reachability-Report event | Nokia, Ericsson |  | WI TEI18  CAT F |
|  | **Main** | [3193](./docs/C4-243193.zip) | CR 29.518 1107 Rel-18 AMF events supporting the immediateFlag | Nokia | Revised to C4-243385 | WI TEI18  CAT F |
|  |  | [3385](./docs/C4-243385.zip) | CR 29.518 1107 Rel-18 AMF events supporting the immediateFlag | Nokia |  |  |
|  | **Plenary** | [3194](./docs/C4-243194.zip) | CR 23.527 0083 Rel-18 Restoration procedures for split PDU sessions | Nokia | Revised to C4-243430 | WI TEI18  CAT F |
|  |  | [3430](./docs/C4-243430.zip) | CR 23.527 0083 Rel-18 Restoration procedures for split PDU sessions | Nokia, Huawei, Ericsson |  |  |
|  | **Main** | [3195](./docs/C4-243195.zip) | CR 29.244 0863 Rel-18 Correction to the PFCPSEReq-Flags IE | Nokia |  | WI TEI18  CAT F |
|  | **Plenary** | [3196](./docs/C4-243196.zip) | CR 29.332 0204 Rel-18 Missing clause for the EVS codec | Nokia | Revised to C4-243431 | WI TEI18, EVS\_codec-CT  CAT F |
|  |  | [3431](./docs/C4-243431.zip) | CR 29.332 0204 Rel-18 Missing clause for the EVS codec | Nokia | Agreed | The only changes are: to correct the reference number, and to use hard space  WOP |
|  | **Plenary** | [3197](./docs/C4-243197.zip) | CR 29.510 1034 Rel-18 Incorrect URI in Figure 5.3.2.6-1 (SCPDomainRoutingInfoUnSubscribe) | Nokia | Agreed | WI TEI18  CAT F |
|  | **Main** | [3219](./docs/C4-243219.zip) | CR 29.518 1108 Rel-18 Correction to the RAN-ID-LIST feature in the MBSCommunication API | Ericsson, MCC |  | WI 5MBS, TEI18  CAT F |
|  | **Plenary** | [3223](./docs/C4-243223.zip) | CR 29.571 0569 Rel-18 PDU Session Id range for 2G/3G access | Ericsson | Revised to C4-243432 | WI TEI18  CAT F |
|  |  | [3432](./docs/C4-243432.zip) | CR 29.571 0569 Rel-18 PDU Session Id range for 2G/3G access | Ericsson |  |  |
|  | **Main** | [3245](./docs/C4-243245.zip) | CR 29.536 0133 Rel-18 Incomplete Implementation of Agreed CR0089 | Ericsson, MCC |  | WI TEI18  CAT F |
|  | **Plenary** | [3255](./docs/C4-243255.zip) | CR 29.573 0210 Rel-18 Protection policy for recursive non-leaf IE | Nokia, BSI | Revised to C4-243433 | WI TEI18  CAT F |
|  |  | [3433](./docs/C4-243433.zip) | CR 29.573 0210 Rel-18 Protection policy for recursive non-leaf IE | Nokia, BSI |  |  |
|  | **Plenary** | [3256](./docs/C4-243256.zip) | CR 29.573 0211 Rel-18 Replacing IPX with RI | Nokia | Revised to C4-243434 | WI TEI19  CAT F  FASMO? |
|  |  | [3434](./docs/C4-243434.zip) | CR 29.573 0211 Rel-18 Replacing IPX with RI | Nokia |  |  |
|  | **Plenary** | [3257](./docs/C4-243257.zip) | CR 29.573 0212 Rel-18 Usage of the common application errors | Nokia | Revised to C4-243435 | WI TEI19  CAT F |
|  |  | [3435](./docs/C4-243435.zip) | CR 29.573 0212 Rel-18 Usage of the common application errors | Nokia |  |  |
|  | **Breakout** | [3258](./docs/C4-243258.zip) | CR 29.563 0093 Rel-18 Not Cancelling the MME registration upon EPS to 5GS mobility | Nokia | OPEN | WI TEI18, 5GS\_Ph1-CT  CAT F  Jesus: This scenario should be addressed in TS23.632.  ZTE: Need some time to check the entire procedure about the single registration mode and dual registration mode. |
|  | **Breakout** | [3259](./docs/C4-243259.zip) | CR 29.503 1295 Rel-18 Not Cancelling MME registration upon EPS to 5GS mobility | Nokia | OPEN | WI TEI18, 5GS\_Ph1-CT  CAT F  ZTE: Need some time to check the entire procedure about the single registration mode and dual registration mode. |
|  | **Plenary** | [3264](./docs/C4-243264.zip) | CR 29.500 0447 Rel-18 Incorrect example for evaluating the intended purpose | Nokia | Revised to C4-243436 | WI TEI18  CAT F |
|  |  | [3436](./docs/C4-243436.zip) | CR 29.500 0447 Rel-18 Incorrect example for evaluating the intended purpose | Nokia |  |  |
|  | **Plenary** | [3265](./docs/C4-243265.zip) | CR 29.510 1038 Rel-18 IANA registration of 3GPP defined JWT claims | Nokia | Revised to C4-243437 | WI TEI19  CAT F  FASMO? |
|  |  | [3437](./docs/C4-243437.zip) | CR 29.510 1038 Rel-18 IANA registration of 3GPP defined JWT claims | Nokia |  |  |
|  | **Breakout** | [3266](./docs/C4-243266.zip) | CR 29.515 0186 Rel-18 Usage of the common application errors | Nokia | Revised to C4-243456 | WI TEI18  CAT F  Change to TEI19. |
|  |  | [3456](./docs/C4-243456.zip) | CR 29.515 0186 Rel-18 Usage of the common application errors | Nokia |  | WI TEI19  CAT F |
|  | **Main** | [3267](./docs/C4-243267.zip) | CR 29.518 1109 Rel-18 Incorrect reference to a table note | Nokia |  | WI TEI18  CAT F  FASMO? |
|  | **Breakout** | [3268](./docs/C4-243268.zip) | CR 29.572 0279 Rel-18 Usage of the common application errors by Nlmf\_Broadcast service | Nokia | Revised to C4-243457 | WI TEI18  CAT F  Change to TEI19.  Merge C4-243269, and change CR title accordingly. |
|  |  | [3457](./docs/C4-243457.zip) | CR 29.572 0279 Rel-18 Usage of the common application errors | Nokia |  |  |
|  | **Breakout** | [3269](./docs/C4-243269.zip) | CR 29.572 0280 Rel-18 Usage of the common application errors by Nlmf\_Location service | Nokia | Merged to C4-243457 | WI TEI18  CAT F  Merge the changes to the same spec in one CR in C4-243457. |
|  | **Plenary** | [3271](./docs/C4-243271.zip) | LS out Rel-18 Reply LS on recursively defined JSON structures and reply to LS C4-241343 | Nokia |  |  |
|  | **Plenary** | [3282](./docs/C4-243282.zip) | CR 23.527 0084 Rel-18 Correction on Recovery of Split PDU Session | Huawei | Merged to C4-243430 | WI TEI18  CAT F |
|  | **Main** | [3283](./docs/C4-243283.zip) | CR 29.244 0865 Rel-18 Path Failure Handling | Huawei |  | WI TEI18  CAT F |
|  | **Main** | [3284](./docs/C4-243284.zip) | CR 29.531 0216 Rel-18 Miscellaneous corrections | Huawei |  | WI TEI18  CAT F |
|  | **Main** | [3285](./docs/C4-243285.zip) | CR 29.531 0217 Rel-18 Support of notification correlation Id | Huawei |  | WI TEI18  CAT F |
|  | **Plenary** | [3286](./docs/C4-243286.zip) | CR 29.571 0572 Rel-18 Correction on 5GC UE level measurements | Huawei | Revised to C4-243438 | WI TEI18  CAT F |
|  |  | [3438](./docs/C4-243438.zip) | CR 29.571 0572 Rel-18 Correction on 5GC UE level measurements | Huawei | Agreed | The only change is to add all the impacted APIs on the coversheet  WOP |
|  | **Plenary** | [3287](./docs/C4-243287.zip) | CR 29.571 0573 Rel-18 Correction on MDT configuration in MR-DC | Huawei | Revised to C4-243440 | WI TEI18  CAT F |
|  |  | [3440](./docs/C4-243440.zip) | CR 29.571 0573 Rel-18 Correction on MDT configuration in MR-DC | Huawei |  |  |
|  | **Plenary** | [3288](./docs/C4-243288.zip) | CR 29.573 0213 Rel-18 Modification on the names of IPX and roaming intermediary | Huawei | Revised to C4-243439 | WI TEI19, Roaming5G  CAT F |
|  |  | [3439](./docs/C4-243439.zip) | CR 29.573 0213 Rel-18 Modification on the names of IPX and roaming intermediary | Huawei | Agreed | The only change is to make it rel-19 CR and to revert the first change  WOP |
|  | **Main** | [3289](./docs/C4-243289.zip) | CR 29.536 0134 Rel-18 Correction on Resource URI | Huawei |  | WI TEI18  CAT F |
|  | **Main** | [3290](./docs/C4-243290.zip) | CR 29.244 0866 Rel-18 Correction on GTP-U Extension Header Deletion field | Huawei |  | WI TEI18  CAT F |
|  | **Breakout** | [3339](./docs/C4-243339.zip) | CR 29.503 1299 Rel-18 Miscellaneous corrections | Huawei | Revised to C4-243458 | WI TEI18  CAT F  FASMO?  Change to TEI19  Merge changes in Nokia C4-243041 |
|  |  | [3458](./docs/C4-243458.zip) | CR 29.503 1299 Rel-18 Miscellaneous corrections | Huawei, Nokia |  | WI TEI19  CAT F |
|  | **Main** | [3340](./docs/C4-243340.zip) | CR 29.518 1113 Rel-18 Clarification on the locationNotificationUri | Huawei |  | WI TEI18  CAT F |
|  | **Breakout** | [3341](./docs/C4-243341.zip) | CR 29.555 0026 Rel-18 Remove the additional 3GPP in the references | Huawei | Revised to C4-243459 | WI TEI18  CAT F  FASMO?  Change to TEI19, and change to CAT D |
|  |  | [3459](./docs/C4-243459.zip) | CR 29.555 0026 Rel-18 Remove the additional 3GPP in the references | Huawei | Agreed | WOP |
|  | **Breakout** | [3342](./docs/C4-243342.zip) | CR 29.572 0282 Rel-18 Miscellaneous corrections | Huawei | Revised to C4-243460 | WI TEI18  CAT F  FASMO?  Change to TEI19. |
|  |  | [3460](./docs/C4-243460.zip) | CR 29.572 0282 Rel-18 Miscellaneous corrections | Huawei | Agreed | WI TEI19  CAT F  WOP |
|  | **Breakout** | [3343](./docs/C4-243343.zip) | CR 29.577 0021 Rel-18 Add STRUCTURED TYPES | Huawei | Revised to C4-243461 | WI TEI18  CAT F  FASMO?  Change to TEI19 |
|  |  | [3461](./docs/C4-243461.zip) | CR 29.577 0021 Rel-18 Add STRUCTURED TYPES | Huawei | Agreed | WI TEI19  CAT F  WOP |
| **7.3.2** | **AoB of Rel-18** |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **7.3.3** | **Open API version and External docs** |  |  |  |  |  |
|  |  |  | 29.175 0 Rel18 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.176 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.256 0 Rel18 API version and External doc update | Qualcomm Incorporated | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.309 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.502 0 Rel18 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.503 0 Rel18 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.504 0 Rel18 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.505 0 Rel18 External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.509 0 Rel18 API version and External doc update | Orange | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.510 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.511 0 Rel18 API version and External doc update | Deutsche Telekom | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.515 0 Rel18 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.518 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.526 0 Rel18 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.531 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.532 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.536 0 Rel18 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.540 0 Rel18 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.541 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.542 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.544 0 Rel18 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.550 0 Rel18 API version and External doc update | Orange | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.553 0 Rel18 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.555 0 Rel18 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.556 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.559 0 Rel18 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.562 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.563 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.564 0 Rel18 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.571 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.572 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.573 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.577 0 Rel18 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.578 0 Rel18 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.579 0 Rel18 API version and External doc update | China Telecom | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.581 0 Rel18 API version and External doc update | Samsung | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.586 0 Rel18 API version and External doc update | Xiaomi | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.598 0 Rel18 API version and External doc update | CISCO | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.673 0 Rel18 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  |  |  |  |  |
| **8** | **Release 17 and earlier** |  |  |  |  |  |
| **8.1** | **CT4 Led WIs** |  |  |  |  |  |
| **8.1.1** | **Service based Interface protocol improvements Release 17** |  |  |  |  | SBIProtoc17 |
|  | **Breakout** | [3027](./docs/C4-243027.zip) | CR 29.504 0276 Rel-17 Missing OAuth2 Scopes | Nokia |  | WI SBIProtoc17  CAT F |
|  | **Breakout** | [3028](./docs/C4-243028.zip) | CR 29.504 0277 Rel-18 Missing OAuth2 Scopes | Nokia |  | WI SBIProtoc18  CAT F |
| **8.1.2** | **BEst Practice of PFCP** |  |  |  |  | BEPoP |
|  |  |  |  |  |  |  |
| **8.1.3** | **Service-based support for SMS in 5GC** |  |  |  |  | SMS\_SBI |
|  |  |  |  |  |  |  |
| **8.1.4** | **CT aspects of Integration of GBA into SBA** |  |  |  |  | GBA\_5G |
|  |  |  |  |  |  |  |
| **8.1.5** | **Enhancement of Network Slicing Phase 2** |  |  |  |  | eNS\_Ph2 |
|  |  |  |  |  |  |  |
| **8.1.6** | **CT Aspects of 5G eEDGE** |  |  |  |  | eEDGE\_5GC |
|  | **Breakout** | [3048](./docs/C4-243048.zip) | CR 29.505 0512 Rel-17 ServiceSpecificAuthorizationList | Nokia |  | WI eEDGE\_5GC  CAT F |
|  | **Breakout** | [3049](./docs/C4-243049.zip) | CR 29.505 0513 Rel-18 ServiceSpecificAuthorizationList | Nokia |  | WI eEDGE\_5GC  CAT A |
| **8.1.7** | **CT aspects on Same PCF Selection For AMF and SMF** |  |  |  |  | TEI17\_SPSFAS |
|  |  |  |  |  |  |  |
| **8.1.8** | **Enhancement of Inter-PLMN Roaming** |  |  |  |  | EoIPR |
|  |  |  |  |  |  |  |
| **8.1.9** | **Restoration of PDN Connections in PGW-C/SMF S** |  |  |  |  | RPCPSET |
|  |  |  |  |  |  |  |
| **8.1.10** | **Start of Pause of Charging via User Plane** |  |  |  |  | SPOCUP |
|  |  |  |  |  |  |  |
| **8.1.11** | **Enhancement to the 5GC LoCation Services-Phase 2** |  |  |  |  | 5G\_eLCS\_ph2 |
|  |  |  |  |  |  |  |
| **8.1.12** | **CT aspects of Support of different slices over different Non3GPP access** |  |  |  |  | TEI17\_N3SLICE |
|  |  |  |  |  |  |  |
| **8.1.13** | **CT aspects of the architectural enhancements for 5G multicast-broadcast services** |  |  |  |  | 5MBS |
|  |  |  |  |  |  |  |
| **8.1.14** | **Restoration of profiles related to UDR** |  |  |  |  | ReP\_UDR |
|  |  |  |  |  |  |  |
| **8.1.15** | **Enhancement on the GTP-U entity restart** |  |  |  |  | EGTPUR |
|  |  |  |  |  |  |  |
| **8.1.16** | **Port allocation** |  |  |  |  | Port\_AL |
|  |  |  |  |  |  |  |
| **8.1.17** | **Non-Seamless WLAN offload authentication in 5GS** |  |  |  |  | NSWO\_5G |
|  |  |  |  |  |  |  |
| **8.2** | **CT4 Supported WIs** |  |  |  |  |  |
| **8.2.1** | **Stage 3 of Multimedia Priority Service (MPS) Phase 2** |  |  |  |  | MPS2 |
|  |  |  |  |  |  |  |
| **8.2.2** | **Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode** |  |  |  |  | eCPSOR\_CON |
|  |  |  |  |  |  |  |
| **8.2.3** | **Authentication and key management for applications based on 3GPP credential in 5G** |  |  |  |  | AKMA-CT |
|  |  |  |  |  |  |  |
| **8.2.4** | **CT aspects on Dynamically Changing AM Policies in the 5GC** |  |  |  |  | TEI17\_DCAMP |
|  |  |  |  |  |  |  |
| **8.2.5** | **CT aspects of proximity based services in 5GS** |  |  |  |  | 5G\_ProSe |
|  |  |  |  |  |  |  |
| **8.2.6** | **CT aspects on Dynamic Management of Group-based Event Monitoring** |  |  |  |  | TEI17\_GEM |
|  |  |  |  |  |  |  |
| **8.2.7** | **CT aspects of 5GC architecture for satellite networks** |  |  |  |  | 5GSAT\_ARCH-CT |
|  |  |  |  |  |  |  |
| **8.2.8** | **CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking** |  |  |  |  | ID\_UAS |
|  |  |  |  |  |  |  |
| **8.2.9** | **CT aspects of Enabling Multi-USIM devices** |  |  |  |  | MUSIM |
|  |  |  |  |  |  |  |
| **8.2.10** | **CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2** |  |  |  |  | ATSSS\_PH2 |
|  |  |  |  |  |  |  |
| **8.2.11** | **CT aspects of Enhanced support of Non-Public Networks** |  |  |  |  | eNPN |
|  | **Breakout** | [3042](./docs/C4-243042.zip) | CR 29.503 1276 Rel-17 Conveying the SNPN-ID on the PLMN-ID Query Parameter | Nokia |  | WI eNPN  CAT F |
|  | **Breakout** | [3043](./docs/C4-243043.zip) | CR 29.503 1277 Rel-18 Conveying the SNPN-ID on the PLMN-ID Query Parameter | Nokia |  | WI eNPN  CAT A |
| **8.2.12** | **CT aspects of enhanced support of industrial IoT** |  |  |  |  | IIoT |
|  |  |  |  |  |  |  |
| **8.2.13** | **Enablers for Network Automation for 5G - phase 2** |  |  |  |  | eNA\_PH2 |
|  | **Breakout** | [3057](./docs/C4-243057.zip) | CR 29.505 0516 Rel-17 Wrong CR implementation | Nokia, MCC |  | WI eNA\_Ph2  CAT F |
|  | **Breakout** | [3058](./docs/C4-243058.zip) | CR 29.505 0517 Rel-18 Wrong CR implementation | Nokia, MCC |  | WI eNA\_Ph2  CAT A |
| **8.2.14** | **System enhancement for redundant PDU session** |  |  |  |  | TEI17\_SE\_RPS |
|  |  |  |  |  |  |  |
| **8.2.15** | **CT Aspects ofMinimisation of service Interruption** |  |  |  |  | MINT |
|  |  |  |  |  |  |  |
| **8.2.16** | **CT aspects of Architecture Enhancement for NR Reduced Capability Devices** |  |  |  |  | ARCH\_NR\_REDCAP |
|  |  |  |  |  |  |  |
| **8.2.17** | **Enhancements of 3GPP profiles for cryptographic algorithms and security protocols** |  |  |  |  | eCryptP |
|  |  |  |  |  |  |  |
| **8.2.18** | **CT aspects of NB-IoT/eMTC Non-Terrestrial Networks in EPS** |  |  |  |  | IoT\_SAT\_ARCH\_EPS |
|  |  |  |  |  |  |  |
| **8.2.19** | **CT4 aspects of EDGEAPP** |  |  |  |  | EDGEAPP |
|  | **Breakout** | [3054](./docs/C4-243054.zip) | CR 29.503 1280 Rel-18 MSISDN exposure | Nokia | Moved to 7.3.1 | WI TEI18, EDGEAPP  CAT F |
|  | **Breakout** | [3055](./docs/C4-243055.zip) | CR 29.505 0515 Rel-18 MSISDN exposure | Nokia | Moved to 7.3.1 | WI TEI18, EDGEAPP  CAT F |
| **8.2.20** | **CT4 aspects of enhancement of RAN Slicing for NR** |  |  |  |  | NRslice |
|  |  |  |  |  |  |  |
| **8.3** | **AoB for Rel-17 and earlier** |  |  |  |  |  |
| **8.3.1** | **TEI17, TEI16, …** |  |  |  |  | TEI17, TEI16, ... |
|  | **Breakout** | [3035](./docs/C4-243035.zip) | CR 29.505 0510 Rel-17 UDR control flag for NSWO | Nokia |  | WI TEI17  CAT F |
|  | **Breakout** | [3036](./docs/C4-243036.zip) | CR 29.505 0511 Rel-18 UDR control flag for NSWO | Nokia |  | WI TEI17  CAT A |
|  | **Plenary** | [3098](./docs/C4-243098.zip) | CR 29.229 0304 Rel-12 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT F |
|  | **Plenary** | [3099](./docs/C4-243099.zip) | CR 29.229 0305 Rel-13 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT A |
|  | **Plenary** | [3100](./docs/C4-243100.zip) | CR 29.229 0306 Rel-14 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT A |
|  | **Plenary** | [3101](./docs/C4-243101.zip) | CR 29.229 0307 Rel-15 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT A |
|  | **Plenary** | [3102](./docs/C4-243102.zip) | CR 29.229 0308 Rel-16 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT A |
|  | **Plenary** | [3103](./docs/C4-243103.zip) | CR 29.229 0309 Rel-17 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT A |
|  | **Plenary** | [3104](./docs/C4-243104.zip) | CR 29.229 0310 Rel-18 WAF and WWSF identity | Ericsson, China Mobile |  | WI IMS\_WebRTC-CT  CAT A |
|  | **Plenary** | [3160](./docs/C4-243160.zip) | CR 29.328 0652 Rel-13 Update on the IETF draft | Huawei |  | WI TEI13, DiaPri  CAT F |
|  | **Plenary** | [3163](./docs/C4-243163.zip) | CR 29.328 0653 Rel-14 Update on the IETF draft | Huawei |  | WI TEI13, DiaPri  CAT A |
|  |  | 3165 | CR 29.328 0654 Rel-15 Update on the IETF draft | Huawei | revised to C4-243167 | Revision of C4-243167  WI TEI13, DiaPri  CAT A |
|  |  | 3167 | CR 29.328 0654 Rel-16 Update on the IETF draft | Huawei | withdrawn | WI TEI13, DiaPri  CAT A |
|  | **Plenary** | [3169](./docs/C4-243169.zip) | CR 29.328 0655 Rel-15 Update on the IETF draft | Huawei |  | WI TEI13, DiaPri  CAT A |
|  | **Plenary** | [3170](./docs/C4-243170.zip) | CR 29.328 0656 Rel-16 Update on the IETF draft | Huawei |  | WI TEI13, DiaPri  CAT A |
|  | **Plenary** | [3171](./docs/C4-243171.zip) | CR 29.328 0657 Rel-17 Update on the IETF draft | Huawei |  | WI TEI13, DiaPri  CAT A |
|  | **Plenary** | [3172](./docs/C4-243172.zip) | CR 29.328 0658 Rel-18 Update on the IETF draft | Huawei |  | WI TEI13, DiaPri  CAT A |
|  | **Plenary** | [3177](./docs/C4-243177.zip) | CR 23.380 0119 Rel-11 Update on the IETF draft | Huawei |  | WI TEI11  CAT F |
|  | **Plenary** | [3198](./docs/C4-243198.zip) | CR 23.380 0120 Rel-12 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3202](./docs/C4-243202.zip) | CR 23.380 0121 Rel-13 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3203](./docs/C4-243203.zip) | CR 23.380 0122 Rel-14 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3204](./docs/C4-243204.zip) | CR 23.380 0123 Rel-15 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3205](./docs/C4-243205.zip) | CR 23.380 0124 Rel-16 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3206](./docs/C4-243206.zip) | CR 23.380 0125 Rel-17 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3207](./docs/C4-243207.zip) | CR 23.380 0126 Rel-18 Update on the IETF draft | Huawei |  | WI TEI11  CAT A |
|  | **Plenary** | [3208](./docs/C4-243208.zip) | CR 23.333 0147 Rel-12 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT F |
|  | **Plenary** | [3209](./docs/C4-243209.zip) | CR 23.333 0148 Rel-13 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3210](./docs/C4-243210.zip) | CR 23.333 0149 Rel-14 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3211](./docs/C4-243211.zip) | CR 23.333 0150 Rel-15 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3212](./docs/C4-243212.zip) | CR 23.333 0151 Rel-16 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3213](./docs/C4-243213.zip) | CR 23.333 0152 Rel-17 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3214](./docs/C4-243214.zip) | CR 23.333 0153 Rel-18 Remove the replaced IETF draft | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3291](./docs/C4-243291.zip) | CR 29.272 0853 Rel-16 MDT configuration for EN-DC | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT F |
|  | **Plenary** | [3292](./docs/C4-243292.zip) | CR 29.272 0854 Rel-17 MDT configuration for EN-DC | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT A |
|  | **Plenary** | [3293](./docs/C4-243293.zip) | CR 29.272 0855 Rel-18 MDT configuration for EN-DC | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT A |
|  | **Plenary** | [3294](./docs/C4-243294.zip) | CR 29.272 0856 Rel-16 Support of Trace Reporting Consumer URI | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT F |
|  | **Plenary** | [3295](./docs/C4-243295.zip) | CR 29.272 0857 Rel-17 Support of Trace Reporting Consumer URI | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT A |
|  | **Plenary** | [3296](./docs/C4-243296.zip) | CR 29.272 0858 Rel-18 Support of Trace Reporting Consumer URI | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT A |
|  | **Breakout** | [3297](./docs/C4-243297.zip) | CR 29.230 0708 Rel-16 Add new AVPs for trace and MDT | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT F |
|  | **Breakout** | [3298](./docs/C4-243298.zip) | CR 29.230 0709 Rel-17 Add new AVPs for trace and MDT | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT A |
|  | **Breakout** | [3299](./docs/C4-243299.zip) | CR 29.230 0710 Rel-18 Add new AVPs for trace and MDT | Huawei |  | WI TEI16, NR\_SON\_MDT-Core  CAT A |
|  | **Main** | [3300](./docs/C4-243300.zip) | CR 29.571 0574 Rel-16 MDT parameters for M1, M8 and M9 | Huawei |  | WI TEI16  CAT F |
|  | **Main** | [3301](./docs/C4-243301.zip) | CR 29.571 0575 Rel-17 MDT parameters for M1, M8 and M9 | Huawei |  | WI TEI16  CAT A |
|  | **Main** | [3302](./docs/C4-243302.zip) | CR 29.571 0576 Rel-18 Correction on Trace Reporting Consumer URI | Huawei | Revised to C4-243388 | WI TEI16  CAT A |
|  |  | [3388](./docs/C4-243388.zip) | CR 29.571 0576 Rel-18 Correction on Trace Reporting Consumer URI | Huawei |  |  |
|  | **Main** | [3303](./docs/C4-243303.zip) | CR 29.518 1110 Rel-16 MDT parameters for M1, M8 and M9 | Huawei |  | WI TEI16  CAT F |
|  | **Main** | [3304](./docs/C4-243304.zip) | CR 29.518 1111 Rel-17 MDT parameters for M1, M8 and M9 | Huawei |  | WI TEI16  CAT A |
|  | **Main** | [3305](./docs/C4-243305.zip) | CR 29.518 1112 Rel-18 MDT parameters for M1, M8 and M9 | Huawei |  | WI TEI16  CAT A |
|  | **Main** | [3306](./docs/C4-243306.zip) | CR 29.531 0218 Rel-17 Corrections on API version in URI of the service operations | Huawei |  | WI TEI17  CAT F |
|  | **Main** | [3307](./docs/C4-243307.zip) | CR 29.531 0219 Rel-18 Corrections on API version in URI of the service operations | Huawei |  | WI TEI17  CAT A |
|  | **Plenary** | [3312](./docs/C4-243312.zip) | CR 29.238 0071 Rel-12 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT F |
|  | **Plenary** | [3313](./docs/C4-243313.zip) | CR 29.238 0072 Rel-13 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3314](./docs/C4-243314.zip) | CR 29.238 0073 Rel-14 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3315](./docs/C4-243315.zip) | CR 29.238 0074 Rel-15 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3316](./docs/C4-243316.zip) | CR 29.238 0075 Rel-16 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3317](./docs/C4-243317.zip) | CR 29.238 0076 Rel-17 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3318](./docs/C4-243318.zip) | CR 29.238 0077 Rel-18 Updates on the reference of draft ITU-T specs | Huawei |  | WI eMEDIASEC-CT, TEI12  CAT A |
|  | **Plenary** | [3319](./docs/C4-243319.zip) | CR 29.279 0001 Rel-8 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT F |
|  | **Plenary** | [3320](./docs/C4-243320.zip) | CR 29.279 0002 Rel-9 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3321](./docs/C4-243321.zip) | CR 29.279 0003 Rel-10 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3322](./docs/C4-243322.zip) | CR 29.279 0004 Rel-11 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3323](./docs/C4-243323.zip) | CR 29.279 0005 Rel-12 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3324](./docs/C4-243324.zip) | CR 29.279 0006 Rel-13 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3325](./docs/C4-243325.zip) | CR 29.279 0007 Rel-14 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3326](./docs/C4-243326.zip) | CR 29.279 0008 Rel-15 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3327](./docs/C4-243327.zip) | CR 29.279 0009 Rel-16 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3328](./docs/C4-243328.zip) | CR 29.279 0010 Rel-17 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
|  | **Plenary** | [3329](./docs/C4-243329.zip) | CR 29.279 0011 Rel-18 Updates on the reference of draft IETF specs | Huawei |  | WI SAES, TEI8  CAT A |
| **8.3.2** | **AoB of Rel-17 and earlier** |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **8.3.3** | **Open API version and External docs** |  |  |  |  | TEI17 |
|  |  |  | 29.256 0 Rel17 API version and External doc update | Qualcomm Incorporated | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.309 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.502 0 Rel17 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.503 0 Rel17 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.504 0 Rel17 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.505 0 Rel17 External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.509 0 Rel17 API version and External doc update | Orange | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.510 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.511 0 Rel17 API version and External doc update | Deutsche Telekom | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.515 0 Rel17 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.518 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.526 0 Rel17 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.531 0 Rel17 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.532 0 Rel17 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.536 0 Rel17 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.540 0 Rel17 API version and External doc update | ZTE | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.541 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.542 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.544 0 Rel17 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.550 0 Rel17 API version and External doc update | Orange | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.553 0 Rel17 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.555 0 Rel17 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.556 0 Rel17 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.559 0 Rel17 API version and External doc update | CATT | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.562 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.563 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.564 0 Rel17 API version and External doc update | China Mobile | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.571 0 Rel17 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.572 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.573 0 Rel17 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.577 0 Rel17 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.578 0 Rel17 API version and External doc update | Nokia | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.579 0 Rel17 API version and External doc update | China Telecom | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.581 0 Rel17 API version and External doc update | Samsung | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.598 0 Rel17 API version and External doc update | CISCO | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.673 0 Rel17 API version and External doc update | Ericsson | Email approval | *CR possibly needed* Email approval |
|  |  |  | 29.571 0 Rel16 API version and External doc update | Huawei | Email approval | *CR possibly needed* Email approval |
|  |  |  |  |  |  |  |
| **9** | **Update of the Work Plan** |  |  |  |  |  |
|  |  | 3010 | Work Plan Work Plan | CT4 Chair |  |  |
| **10** | **AoB** |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **11** | **Future meetings** |  |  |  |  |  |
|  |  |  |  |  |  |  |
| **12** | **Check of Approved Output Documents** |  |  |  |  |  |
|  |  | 3011 | other Output Documents | CT4 Chair |  |  |
| **13** | **Closing of the Meeting**  **(16:00 Local time Friday)** |  |  |  |  |  |
|  |  |  |  |  |  |  |