##### Agenda & Document allocation for TSG CT#98-e

| Agenda | Agenda Item Title | **Tdoc** | Document Title | Source | Decision | | Notes |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **Opening of the meeting** |  |  |  |  | | **IMPORTANT NOTE: Don't forget to register.**  **Meeting opens Monday, Dec 12, 08h00 UTC** |
| **1.1** | **Welcome speech** |  |  |  |  | | Welcome speech and other administrative information |
|  |  |  |  |  |  | |  |
| **1.2** | **IPR Declarations** |  |  |  |  | | Reminder about the IPR declaration |
|  |  |  | The attention of the delegates to the meeting of this Technical Specification Group is drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.  The delegates are asked to take note that they are thereby invited:  - to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.  - to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms | | | |  |
| **1.3** | **Antitrust declarations** |  |  |  |  | | Reminder about the antitrust and competition laws |
|  |  |  | I also draw your attention to the fact that 3GPP activities are subject to antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chairman and Vice Chairman. In case of question I recommend that you contact your legal counsel.  The present meeting will be conducted with strict impartiality and in the interests of 3GPP.  Furthermore, I would like to remind you that timely submission of work items in advance of TSG/WG meetings is important to allow for full and fair consideration of such matters. | | | |  |
| **2** | **Approval of the agenda and registration of new documents** |  |  |  | |  | Colour code:  White (no colour) = document has been treated in this meeting  Yellow = available document with no decision yet  Cyan = allocated number, document not (yet) available  red in leftmost column = document for early consideration |
|  |  | [CP‑223001](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223001.zip) | Proposed Agenda | CT Chair | | Approved | **Meeting dates**:  This meeting will be held:   * From Monday, December 12, 2022, 08h00 UTC * Until Wednesday, December 14, 2022, 21h30 UTC   Electronic meeting based on email exchanges, with full decision power  **Email list**:  The CT email reflector will be used: [3GPP\_TSG\_CT@list.etsi.org](mailto:3GPP_TSG_CT@list.etsi.org)  **Microsoft Teams Meetings**:  During this meeting, we will have daily online session using Teams Meeting (TM),   * 1. Mon, Dec 12: 13h00-15h00 UTC   2. Tue, Dec 13: 13h00-15h00 UTC   3. Wed, Dec 14: 13h00-15h00 UTC   **Guidance**:  In the document CP-223002, you will find useful info regarding:   * General meeting info * Deadlines * Recommendations on the email exchange * Details on the approval process * Use of Microsoft Teams Meeting   **Time plan**:   * **Opening of CT#98-e: Mon, Dec 12, 09h00 UTC** * **TM#1: Mon, Dec 12,  13h00 – 15h00 UTC**    + WG status report and Work Plan   + Handling of LS In   + New WIDs for Rel-18   + Technical items for early consideration * **TM#2: Tue, Dec 13,  13h00– 15h00 UTC**    + Status on any open issue   + Handling of the remaining documents * **TM#3: Wed, Dec 14,  13h00– 15h00 UTC**    + Handling of the remaining documents (if required) * **Closing of CT#98-e: Wed, Dec 14, 21h30 UTC**   **Deadlines**:  (1) Initial Agenda: Fri 25.11.2022 13:00 UTC  (2) Comments to agenda: Thu 01.12.2022 22:30 UTC  (3) Tdoc submission : Fri 02.12.2022 22:30 UTC  (4) Meeting Registration: Mon 05.12.2022 09:00 UTC  (5) Initial comment phase: Mon 12.12.2022 22:30 UTC  (6) Revisions submission: Tue 13.12.2022 22:30 UTC  (7) Final comment phase : Wed 14.12.2022 17:00 UTC |
|  |  | [CP‑222002](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223002.zip) | CT Plenary Guidance | CT Chair | | Noted |  |
|  |  | CP‑223003 | Updated Agenda | CT Chair | | Withdrawn |  |
|  |  | [CP-223004](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223004.zip) | Proposed allocation of documents to agenda items | CT Chair | | Noted |  |
|  |  | [CP-223005](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223005.zip) | Allocation of documents to agenda items: status on Monday morning | CT Chair | | Noted |  |
|  |  | [CP-223006](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223006.zip) | Allocation of documents to agenda items: status after Monday | CT Chair | |  |  |
|  |  | CP-223007 | Allocation of documents to agenda items: status at Tuesday lunch | CT Chair | |  |  |
|  |  | CP-223008 | Allocation of documents to agenda items: status After CT Plenary | CT Chair | |  |  |
|  |  |  |  |  | |  |  |
| **3** | **Reports** |  |  |  | |  | Various reports. This can be from CT as well as other groups within and outside of 3GPP. |
|  |  | CP-223009 | IETF status report | CT Chair | |  |  |
|  |  | [CP-223010](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223010.zip) | Previous TSG CT meeting report for approval | MCC | |  |  |
| **4** | **Liaison statements** |  |  |  | |  | All Liaison statements are handled under this agenda item |
| **4.1** | **Incoming liaisons** |  |  |  | |  | LSs received from other groups |
|  |  | [CP-223215](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223215.zip) | 5G capabilities exposure for factories of the future – identified gaps | 5G Alliance for Connected Industries and Automation (5G-ACIA) | | Noted | To: 3GPP TSG SA, 3GPP TSG CT  CC: 3GPP TSG SA WG1, 3GPP TSG SA WG2, 3GPP TSG SA WG3, 3GPP TSG SA WG5, 3GPP TSG SA WG6  In 2021, 5G-ACIA published a revised white paper on the exposed 5G capabilities that are needed by factory operators to manage and maintain industrial 5G devices and 5G Non-Public Networks (NPN) in a simple and efficient manner [1] . 5G-ACIA informed 3GPP about this work in SP-210281 and a reply LS was provided in SP-211134. 5G-ACIA wishes to thank 3GPP for their answer and collaborative spirit.  In the meantime, 5G-ACIA mapped these requirements onto Rel-17 specifications and identified the gaps and possible limitations as listed below. Some of these gaps could be relevant for future 3GPP work.  5G-ACIA kindly asks 3GPP to take note of the identified gaps and limitations in Rel-17 spec-ifications for considerations in the ongoing and future activities of 3GPP.  **Proposed treatment**: Gap analysis is at the functional level. This needs to be addressed by SA. This LS can be **NOTED**. |
|  |  | [CP-223216](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223216.zip) | 5G Edge Computing Use Cases & Requirements | 5G Alliance for Connected Industries and Automation (5G-ACIA) | | Noted | To: 3GPP TSG SA, 3GPP TSG CT, 3GPP TSG RAN  CC: 3GPP TSG SA WG1  5G-ACIA has produced an internal report on edge computing use cases and requirements for industrial 5G networks and it is now working on a whitepaper about the various edge deployment options and architectural considerations for the edge components.  5G-ACIA kindly asks 3GPP to take note of the identified gaps and limitations in Rel-18 spec-ifications for considerations and inform if there are any related activities to address these issues in the ongoing or future 3GPP studies to cover.  **Proposed treatment**: Gap analysis is at the functional level. This needs to be addressed by SA. This LS can be **NOTED**. |
|  |  | [CP-223217](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223217.zip) | Liaison Statement announcing publication of IPE-012: IPv6 based Blockchain | ETSI ISG IPE | | Noted | To: ETSI TC CABLE, TC CYBER, TC INT WG AFI, TC MSG, TC SmartM2M, TC LI, ISG NIN, ISG ENI, ISG ZSM, ISG NFV, ISG F5G, oneM2M,  ETSI Board, **3GPP CT, 3GPP SA, 3GPP OP and 3GPP PCG**,  GAIA-X, ITU-T SG17, SG15 SG11 SG 13, ITU-T SG20, ISO/IEC JTC 1 SC6 WG7, GSMA, MEF, OMA, IEC SyC COMM,  European Commission, GAIA-X  ISG IPE is pleased to announce the latest Group Report (ETSI GR IPE 012) on “IPv6 based Blockchain” published this August and believe that this could be of interest to your committee:  https://www.etsi.org/deliver/etsi\_gr/IPE/001\_099/012/01.01.01\_60/gr\_IPE012v010101p.pdf  Authored by nChain, the report outlines how IPv6 can be utilised by blockchain networks to secure direct peer-to-peer payments between end users, as well as the potential future role of IPv6 as vital infrastructure supporting the blockchain.  ISG IPE invite any interested parties to provide feedback.  **Proposed treatment**: Interested companies are interested to review and comment the report provided by ISG IPE. This LS can be **NOTED**. |
|  |  | [CP-223218](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223218.zip) | The new work at the IETF LPWAN Working Group on of the SCHC protocol (RFC 8724/8824) on NB IOT | IETF LPWAN WG | | Noted | To: 3GPP  We write to 3GPP to expose new IETF work (https://datatracker.ietf.org/doc/draft-ietf-lpwan-schc-over-nbiot/) on the application of the SCHC protocol (RFC 8724/8824) on NB IOT. This document is currently under IETF Last Call till October 7th, 2022, and it should be submitted to the IESG evaluation for final approval on October 27th, 2022. All comments are welcome until the ballot of 20 October, to be sent to the last-call@ietf.org mailing list, or exceptionally to iesg@ietf.org instead .  SCHC provides a deep compression of the IPv6 packets at Layer-3 and above, and enables new capabilities such as IPv6 and CoAP signaling in highly constrained network like LP-WANs where it was previously considered impossible. SCHC also provides a fragmentation mechanism that would not necessarily be used in the case of NB-IOT.  The new work at the IETF LPWAN Working Group provides informational considerations on how SCHC could be used over the Radio link and the No-Access Stratum. It also provides a normative description of the usage of SCHC over the Non-IP Data Delivery service. We foresee a potential of collaboration and cross referencing between our IETF specifications and 3GPP standards and seek advice and feedback.  **Initial feedback from 3GPP:**  delegates were simply invited to review the draft and send their comments to IETF/IESG list. No official feedback from 3GPP was planned.  **3GPP-IETF coordination meeting:**  During the meeting, it was pointed out that this work was not coming out of the blue but was actually a response to a CT1 LS received in 2016 (C1-163121), in the scope of CIoT (Cellular IoT), including the following action point:  *3GPP TSG CT WG 1 is interested in co-operation with IETF in the area of LPWAN to ensure that efficient protocols for low power devices are developed and that the aforementioned 3GPP radio access technologies are considered in the LPWAN discussions initiated in IETF.*  Therefore this draft is in response to the 3GPP request. And the LS was not sent only for information but for action (which was missed as the LS was not sent in response to any LS)  There are actually 2 questions from IETF that require an official 3GPP feedback:  • Is the content of the draft is correct, according to 3GPP point of view? In the draft, there are two part, one normative on the specific use of SCHC over NB-IoT, another informative on recommended values for 3GPP if SCHC is supported.  • Would/Will 3GPP update their specifications to indicate the use of SCHC for header compression (instead or in addition to ROCH)  At CT1#139:  CT chair has provided the IETF feedback to CT1 and invited CT1 delegates to comments the draft before the end of the IETF Last Call. After the meeting, Ivo Sedlacek (Ericsson) has provided detailed comments to IETF that will be captured: <https://mailarchive.ietf.org/arch/msg/last-call/Z2PZRG1UJWOECXoE_dkskZ71dKM/>  The draft will be revised and additional comments are welcome.  **Proposed treatment**: the draft can be pushed forward, taking into account comments received from 3GPP delegates. About including SCHC in our specifications, interested companies are invited to submit a proposal. This LS can be **NOTED**. |
|  |  | [CP-223219](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223219.zip) | Reply LS on Network federation interface for Telco edge consideration | SA3 | | Noted | To: 3GPP SA6, 3GPP SA2, 3GPP SA5, 3GPP SA  Cc: 3GPP CT, 3GPP CT1, 3GPP CT3, 3GPP CT4  Contact person: huawei.com  Response to S6-222332, LS on Network federation interface for Telco edge consideration  **Proposed treatment**: SA3 comments to be addressed by SA2, SA5 and SA6. This LS can **NOTED**. |
|  |  | [CP-223221](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223221.zip) | Reply LS on Network federation interface for Telco edge consideration for a consolidated reply | SA6 | | Noted | To: 3GPP SA  Cc: 3GPP SA2, 3GPP SA3, 3GPP SA5, 3GPP CT, 3GPP CT3  Contact person: huawei.com    SA6 provides the following text to be included in the consolidated response to GSMA OPAG on this topic:  *3GPP SA6 has studied in Release 18, the enhancement to edge enabler layer in 3GPP TR 23.700-98 which addresses concepts of federation. SA6 has developed key issues and solutions which addresses the concept of federation and need some feedback on whether the study addresses the EWBI interface and APIs supporting federation concept proposed by GSMA OPAG.*  *SA6 asks GSMA OPAG and OPG to provide their feedback on 3GPP TR 23.700-98 in view of EWBI for supporting federation.*  **Proposed treatment**: To be addressed by SA. This LS can **NOTED**. |
|  |  | [CP-223220](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223220.zip) | Reply LS on Re-use of CAPIF by ETSI MEC | ETSI | | Noted | To: ETSI ISG MEC, 3GPP CT3  Cc: 3GPP SA, CT, SA3  Contact person: nokia.com  In Response to LS S6-222714 (MEC(22)000451r6) on Re-use of CAPIF by ETSI MEC  SA6 will study and specify any necessary stage 2 changes to meet the extensibility requirements for (a), (b) and (c) as provided in the LS (S6-222714/ MEC(22)000451r6).  Any gaps found in current CAPIF specification on this topic could be addressed in Rel-18 timeframe.  After SA6 completes its study on this topic, any relevant specification update (if required) will be addressed in TS 23.222. Subsequently, the security related impacts for any enhancement in CAPIF can be addressed by SA3 and the stage 3 impacts for any protocol enhancements in CAPIF can be addressed by CT3.  **Proposed treatment**: need to wait for further feedback and potential stage 2 requirement updates by SA6 before any action in CT3. This LS can **NOTED** |
|  |  | [CP-223222](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223222.zip) | CAPIF extensions requested by ETSI ISG MEC | SA6 | | Noted | To: ETSI ISG MEC, 3GPP CT3  Cc: 3GPP SA, CT, SA3  Contact person: nokia.com    SA6 thanks ETSI ISG MEC for collaborating on CAPIF alignment.  As indicated in the Reply LS on Re-use of CAPIF by ETSI MEC (S6-223027), SA6 is further elaborating necessary stage 2 changes to meet the extensibility requirements as indicated in the LS (S6-222714/ MEC(22)000451r6) and agreed the attached CR0096 (Rel-18) against TS 23.222.  **Proposed treatment**: only for information. This LS can **NOTED** |
|  |  | [CP-223223](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223223.zip) | Reply LS on Letter from EENA on "Lack of Voice over LTE (VoLTE) interoperability prevents people from calling emergency services" | ETSI | | Noted | To: ETSI Director General, GSMA TG  Cc: 3GPP TSG RAN, 3GPP TSG CT  Contact Person: Deutsche Telekom  3GPP TSG SA would like to thank the ETSI Director General for forwarding the letter from EENA on "Lack of Voice over LTE (VoLTE) interoperability prevents people from calling emergency services".  3GPP TSG SA has discussed the letter and proposes that GSMA takes the lead on this issue and coordinates with 3GPP if necessary.  Informal checks showed that GSMA has already started to work on this issue.  **Proposed treatment**: only for information. This LS can **NOTED** |
|  |  | [CP-223254](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223254.zip) | LS on Invitation to update the information in the IMT-2020 and beyond roadmap [to ITU study groups and external IMT-2020 liaison partners] | ITU JCA-IMT2020 | | Noted | To: All ITU-T Study Groups, ITU-R SG5 and ITU-D SG2, **3GPP** (Core Network and Terminals, RAN, Service and System Aspects), Broadband Forum, ETSI (ISG MEC, ISG NFV, Millimetre Wave Transmission), GSMA (Network 2020), IEEE 802.1, IEEE Future Networks Initiative, IEEE 1914, IETF (DETNET, DMM, SFC, CCAMP and TEAS), The MEF Forum, NGNM (5G Work Programme), OASIS (TOSCA), oneM2M, ONF (Architecture, Mobile Networks), ONAP, OSSDN, SCF, TM Forum, TTA (Telecommunications Convergence), TSDSI  The ITU-T Joint Coordination Activity for IMT2020 and Beyond (JCA IMT2020) thanks all that have replied to previous requests for input on IMT-2020 and beyond related standardization work. The current online version of the roadmap is available from the JCA-IMT2020 website.  The objective of the roadmap is to support IMT-2020 and beyond standardization coordination. IMT-2020 and beyond are the important topics for our industry, and many standardization-related activities are held in various entities.  The JCA is progressing this work in a form of roadmap of IMT2020 and beyond standardization.  JCA-IMT2020 will keep updating this roadmap, and therefore we solicit your information about updates. If you send us the latest information of your activity related to 5G and beyond as well as Network Function Virtualization (NFV), programmable networks, self-managed networks, autonomous network, slicing (including orchestration and capability exposure), fixed-mobile and satellite convergence (FMC) and Information-Centric Networking (ICN), machine learning and other activities that are strongly related to IMT 2020, we will reflect it in the next roadmap update, which will be performed online soon after the next JCA IMT2020 meeting.  **Proposed treatment**: addressed by SA/RAN. This LS can be **NOTED**. |
|  |  | [CP-223255](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223255.zip) | LS on the new work item Y.Arch\_NGNe\_ncp “Architectural evolution of NGN control plane by applying SDN technology” | ITU-T Working Party 3/13 | | Noted | To: ITU-T SG11, SG15, **3GPP**, ETSI  During the ITU-T SG13 Co-located Rapporteur Group meetings (Geneva, 14 - 25 November 2022), Q2/13 (Next-generation network (NGN) evolution with innovative technologies including software-defined networking (SDN) and network function virtualization (NFV)) created a new work item on “Architectural evolution of NGN control plane by applying SDN technology” (Y.Arch\_NGNe\_ncp: TD140/WP3/13).  ITU-T Y.Arch\_NGNe\_ncp aims to create an evolved NGN control plane architecture, which is scalable, modular, and flexible by decoupling the signal handling functionality and the user plane control functionality and also treating the signalling as a user service (data) leading to uniform handling of services. Description of information flow for services such as network attachment, session establishment and registration etc. for the proposed architecture shall also be covered.  The Y.Arch\_NGNe\_ncp has some relationship to the following ITU-T Recommendations [ITU-T Y.2011], [ITU-T Y.2012], [ITU-T Y.2014], [ITU-T Y.2018], [ITU-T Y.2201], [ITU-T Y.3300], [ITU-T Y.3321], [ITU-T Y.3322] for its requirements, functional architecture and information flow.  ITU-T Q2/13 would like to thank you for your attention, feedback and cooperation on this topic.  **Proposed treatment**: Only for information. This LS can be **NOTED**. |
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| **4.2** | **Outgoing liaisons** |  |  |  | |  |  |
|  |  | [CP-223275](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223275.zip) | LS on Tracking IANA assignment requests | CT Chair | |  |  |
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| **5** | **Reports from TSG-CT working groups** |  |  |  | |  | Reporting from the CT WGs including:   * WG-Chairman’s status report * WG meeting report by MCC |
| **5.1** | **Reporting from TSG-CT WG1** |  |  |  | |  |  |
|  |  | [CP-223013](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223013.zip) | CT1 Status Report | CT1 Chair | | Revised to 3253 |  |
|  |  | [CP-223253](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223253.zip) | CT1 Status Report | CT1 Chair | | Noted |  |
|  |  | [CP-223014](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223014.zip) | CT1 meeting reports after previous plenary | MCC | | Noted |  |
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| **5.2** | **Reporting from TSG-CT WG3** |  |  |  | |  |  |
|  |  | [CP-223015](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223015.zip) | CT3 Status Report | CT3 Chair | | Noted |  |
|  |  | [CP-223016](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223016.zip) | CT3 meeting reports after previous plenary | MCC | | Noted |  |
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| **5.3** | **Reporting from TSG-CT WG4** |  |  |  | |  |  |
|  |  | [CP-223017](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223017.zip) | CT4 Status Report | CT4 Chair | | Noted |  |
|  |  | [CP-223018](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223018.zip) | CT4 meeting reports after previous plenary | MCC | | Noted |  |
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| **5.4** | **Reporting from TSG-CT WG6** |  |  |  | |  |  |
|  |  | [CP-223019](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223019.zip) | CT6 Status Report | CT6 Chair | | Noted |  |
|  |  | [CP-223020](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223020.zip) | CT6 meeting reports after previous plenary | MCC | | Noted |  |
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| **5.5** | **Reporting from other 3GPP groups** |  |  |  | |  |  |
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| **6** | **Technical topics that require CT-intervention** |  |  |  | |  | Any technical topics where lack of consensus requires TSG resolution |
| **6.1** | **Working Agreements** |  |  |  | |  | Discussion and possible voting on working agreements |
|  |  |  |  |  | |  |  |
| **6.2** | **Other technical items lacking consensus** |  |  |  | |  | Other technical voting |
|  |  |  |  |  | |  |  |
| **7** | **Identification of other technical items for early consideration** |  |  |  | |  | This agenda item is intended for identification of other technical items for early consideration in order to get time for on-line and off-line discussions during the meeting. This agenda item is only intended for identification of such topics and the related Tdocs. All documents shall be requested in the relevant agenda items below.  This agenda item will only list the document and topics. |
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| **8** | **Release 8 and earlier**  **All work items** |  | **Block Approval** |  | |  | These releases are frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
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| **9** | **Rel-9**  **All work items** |  | **Block Approval** |  | |  | Rel-9 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
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| **10** | **Release 10**  **All work items** |  | **Block Approval** |  | |  | Rel-10 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
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| **11** | **Release 11**  **All work items** |  | **Block Approval** |  | |  | Rel-11 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
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| **12** | **Release 12**  **All work items** |  | **Block Approval** |  | |  | Rel-12 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
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| **13** | **Release 13** |  | **Block Approval** |  | |  | Rel-13 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
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| **14** | **Release 14** |  | **Block Approval** |  | |  | Rel-14 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  | [CP-223075](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223075.zip) | Corrections on Stage 3 of Enhancements for Mission Critical Push To Talk | CT4 | | Approved |  |
|  |  | [CP-223130](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223130.zip) | CR pack on MCImp-MCVIDEO-CT | CT1 | | Approved |  |
|  |  | [CP-223140](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223140.zip) | CR pack on SEW2-CT | CT1 | | Approved |  |
| **15** | **Release 15** |  | **Block Approval** |  | |  | Rel-15 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
|  |  | CP-223074 | Corrections on Open API version and External docs | CT4 | | Withdrawn |  |
|  |  | [CP-223076](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223076.zip) | Corrections on 31.111 Rel-15 | CT6 | | Approved |  |
|  |  | [CP-223164](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223164.zip) | CR pack on 5GS\_Ph1-CT | CT3 | | Approved |  |
|  |  | [CP-223169](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223169.zip) | CR pack on CAPIF-CT | CT3 | | Partially Approved | C3-225588 revised in CP-223234  C3-225589 revised in CP-223235  C3-225594 revised in CP-223236 |
|  |  | [CP-223234](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223234.zip) | Corrections for CAPIF\_API\_Invoker\_Management\_API | Huawei | | Approved | Revision of C3-225588 in CR Pack CP-223169  - Add the description field for APIList data type in the OpenAPI file. |
|  |  | [CP-223235](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223235.zip) | Corrections for CAPIF\_API\_Invoker\_Management\_API | Huawei | | Approved | Revision of C3-225589 in CR Pack CP-223169  - Add the description field for APIList data type in the OpenAPI file. |
|  |  | [CP-223236](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223236.zip) | Corrections for data type of CAPIF services | Huawei | | Approved | Revision of C3-225594 in CR Pack CP-223169  - Update the CR number from 5281 to 0281. |
|  |  | [CP-223186](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223186.zip) | CR pack on OpenAPI version updates in Rel-15 | CT3 | | Approved |  |
| **16** | **Release 16** |  | **Block Approval** |  | |  | Rel-16 is frozen so all changes must follow the working methods defined for frozen releases.  CR packs where presentation is not required will be treated without presentation. |
| ***16.1*** | ***Rel-16 work planning*** |  | **N/A** |  | |  |  |
|  |  |  |  |  | |  |  |
| ***16.2*** | ***New WIDs for Rel-16*** |  | **N/A** |  | |  |  |
|  |  |  |  |  | |  |  |
| ***16.3*** | ***Revised WIDs for Rel-16*** |  | **N/A** |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.4** | **TEI16 [TEI16]** |  |  |  | |  |  |
|  |  | [CP-223069](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223069.zip) | Corrections on CT aspects on 5G System - Phase 1 | CT4 | | Partially Approved | C4-225465 revised to CP-223091  C4-225466 revised to CP-223092  C4-225467 revised to CP-223093 |
|  |  | [CP-223091](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223091.zip) | Charging Id Format | Ericsson, Nokia, Nokia Shanghai Bell | | Approved | Revision of C4-225465 in CR Pack CP-223069  Rev2:  Correct pattern. |
|  |  | [CP-223092](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223092.zip) | Charging Id Format | Ericsson, Nokia, Nokia Shanghai Bell | | Approved | Revision of C4-225466 in CR Pack CP-223069  Rev2:  Correct pattern. |
|  |  | [CP-223093](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223093.zip) | Charging Id Format | Ericsson, Nokia, Nokia Shanghai Bell | | Approved | Revision of C4-225467 in CR Pack CP-223069  Rev2:  Correct pattern. |
|  |  | [CP-223071](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223071.zip) | Corrections on Diameter | CT4 | | Approved |  |
|  |  | [CP-223072](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223072.zip) | Corrections on LCS | CT4 | | Approved |  |
|  |  | CP-223073 | Corrections on Open API version and External docs | CT4 | | Approved |  |
|  |  | [CP-223077](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223077.zip) | Corrections on 31.124 UE Conformance Test Aspects - CT6 aspects of 5G System Phase 1 | CT6 | | Approved |  |
|  |  | [CP-223078](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223078.zip) | Corrections on 31.111 Rel-16 | CT6 | | Approved |  |
|  |  | [CP-223079](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223079.zip) | Corrections on 31.121 Rel-16 | CT6 | | Approved |  |
|  |  | [CP-223080](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223080.zip) | Corrections on 31.124 Rel-16 | CT6 | | Partially Approved | C6-220690 revised in CP-223151 |
|  |  | [CP-223151](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223151.zip) | Update Table E.1 TERMINAL PROFILE support | Keysight Technologies UK Ltd | | Approved | Revision of C6-220690 in CR Pack CP-223080  Rev2:  correction of item numbering in Table E.1, and updates for reserved bits |
|  |  | [CP-223082](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223082.zip) | Corrections on 31.102 Rel-16 | CT6 | | Approved |  |
|  |  | [CP-223187](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223187.zip) | CR pack on OpenAPI version updates in Rel-16 | CT3 | | Approved |  |
| **16.5** | **IMS Stage-3 IETF Protocol Alignment [IMSProtoc16]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.6** | **Stage-3 SAE Protocol Development [SAES16] [SAES16-CSFB] [SAES16-non3GPP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.7** | **Stage-3 5GS NAS protocol development [5GProtoc16] [5GProtoc16-non3GPP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.8** | **Protocol enhancements for Mission Critical Services [MCProtoc16]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.9** | **Multi-device and multi-identity [MuD]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.10** | **CT aspects of enhancements of Public Warning System [ePWS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.11** | **Enhancement of 5G PCC related services [en5GPccSer]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.12** | **Signalling Improvements for Network Efficiency in 5GS [SINE\_5G]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.13** | **Mission Critical system migration and interconnection [MCSMI\_CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.14** | **CT aspects of Vertical\_LAN [Vertical\_LAN]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.15** | **CT aspects of 5G\_CIoT [5G\_CIoT]** |  |  |  | |  |  |
|  |  | [CP-223070](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223070.zip) | Corrections on CT aspects of Cellular IoT support and evolution for the 5G System | CT4 | | Not pursued | C4-225655 revised in CP-223098  C4-225656 revised in CP-223099 |
|  |  | [CP-223098](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223098.zip) | Area of Interest Event Status from Old AMF | Ericsson | | Approved | Revision of C4-225655 in CR Pack CP-223070  Rev4:  Fix OpenAPI. |
|  |  | [CP-223099](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223099.zip) | Area of Interest Event Status from Old AMF | Ericsson | | Approved | Revision of C4-225656 in CR Pack CP-223070  Rev4:  Fix OpenAPI. |
|  |  |  |  |  | |  |  |
| **16.16** | **CT aspects of 5G\_eLCS [5G\_eLCS]** |  |  |  | |  |  |
|  |  | [CP-223067](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223067.zip) | Corrections on CT aspects of Enhancement to the 5GC LoCation Services | CT4 | | Approved |  |
|  |  | [CP-223161](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223161.zip) | CR pack on 5G\_eLCS | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.17** | **CT aspects of eNA [eNA]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
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| **16.18** | **CT aspects of 5WWC [5WWC]** |  |  |  | |  |  |
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| **16.19** | **CT aspects of eMCData2 [eMCData2]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.20** | **Stage 3 for MC Communication Interworking with Land Mobile Radio Systems [MCCI\_CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.21** | **CT aspects of eNS [eNS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.22** | **CT aspects of PARLOS [PARLOS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.23** | **CT aspects of ETSUN [ETSUN]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.24** | **CT aspects of ATSSS [ATSSS]** |  |  |  | |  |  |
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| **16.25** | **CT aspects of 5G\_eSBA [5G\_eSBA]** |  |  |  | |  |  |
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|  |  |  |  |  | |  |  |
| **16.26** | **CT Aspects of E2E\_DELAY [E2E\_DELAY]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.27** | **CT Aspects of 5G\_URLLC [5G\_URLLC]** |  |  |  | |  |  |
|  |  | [CP-223163](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223163.zip) | CR pack on 5G\_URLLC | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.28** | **eIMS5G\_SBA** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.29** | **CT Aspects of V2XAPP [V2XAPP]** |  |  |  | |  |  |
|  |  | [CP-223147](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223147.zip) | CR pack on V2XAPP | CT1 | | Partially approved | The CR pack CP-223147 contains CRs C1-226971 and C1-226992. Both CRs need to be postponed.  Rationale: The CRs delete an EN related to IANA registration for “application/vnd.3gpp.vae-info+xml”. However, the IANA registration has not yet happened and the EN shall only be deleted after IANA registration is complete. |
|  |  |  |  |  | |  |  |
| **16.30** | **CT Aspects of eV2XARC [eV2XARC]** |  |  |  | |  |  |
|  |  | [CP-223125](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223125.zip) | CR pack on eV2XARC | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **16.31** | **CT Aspects of RACS [RACS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.32** | **Enhancement of 3GPP Northbound APIs [eNAPIs]** |  |  |  | |  |  |
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|  |  |  |  |  | |  |  |
| **16.33** | **CT aspects of MONASTERY2 [MONASTERY2]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.34** | **Integrated access and backhaul for NR [NR\_IAB]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
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| **16.35** | **CT aspects of UDICOM [UDICOM]** |  |  |  | |  |  |
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| **16.36** | **CT aspects of xBDT [xBDT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.37** | **Service Based Interface Protocol Improvements [SBIProtoc16]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.38** | **Single radio voice continuity from 5GS to 3G [5G\_SRVCC]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.39** | **Load and Overload Control of 5GC Service Based Interfaces [LOLC]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.40** | **xMB extension for mission critical services [MC\_XMB-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.41** | **Enhancements for Common API Framework for 3GPP Northbound APIs [eCAPIF]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.42** | **Service Enabler Architecture Layer for Verticals [SEAL]** |  |  |  | |  |  |
|  |  | [CP-223193](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223193.zip) | CR pack on SEAL | CT3 | | Approved |  |
| **16.43** | **Architecture enhancements for the support of Integrated access and backhaul (IAB) [IABARC]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.44** | **5GS Enhanced support of OTA mechanism for UICC configuration parameter update [5GS\_OTAF]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.45** | **Nudsf Service Based Interface [NUDSF]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.46** | **Nsoraf Service Based Interface**  **[NSORAF]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.47** | **CT aspects of Enhanced Mission Critical Push-to-Talk architecture phase 2**  **[enh2MCPTT-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.48** | **Video enhancement of IMS CAT/CRS/announcement services [eIMSVideo]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **16.49** | **USIM/USAT UE Conformance Test Aspects [UEConTest\_R16]** |  |  |  | |  |  |
|  |  | [CP-223081](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223081.zip) | Enhancements on UE Conformance Test Aspects Release 16 | CT6 | | Approved |  |
|  |  | [CP-223153](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223153.zip) | Test case on PROVIDE LOCAL INFORMATION to get Slice(s) information | THALES | | Revised to 3260 | Revision (Rev 2) of C6-220702 (not agreed in CT6) |
|  |  | [CP-223260](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223260.zip) | Test case on PROVIDE LOCAL INFORMATION to get Slice(s) information | THALES | |  | No information on the changes compared to 3153 |
| **16.50** | **Any other Rel-16 Work item or Study item** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17** | **Release 17** |  |  |  | |  |  |
| **17.1** | **Rel-17 work planning** |  |  |  | |  | Possible topics WRT planning of Rel-17 |
|  |  |  |  |  | |  |  |
| **17.2** | **New WIDs for Rel-17** |  | **N/A** |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.3** | **Revised WIDs for Rel-17** |  | **N/A** |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.4** | **TEI17 [TEI17]** |  |  |  | |  |  |
|  |  | [CP-223043](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223043.zip) | Corrections on Best Practice of PFCP | CT4 | | Approved |  |
|  |  | [CP-223057](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223057.zip) | Corrections on 5G CIoT | CT4 | | Approved |  |
|  |  | [CP-223059](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223059.zip) | Corrections on PFCP | CT4 | | Approved |  |
|  |  | [CP-223060](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223060.zip) | Corrections on 5GS | CT4 | | Approved |  |
|  |  | [CP-223061](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223061.zip) | Corrections on UDM | CT4 | | Partially Approved | C4-225476 revised in CP-223096 |
|  |  | [CP-223096](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223096.zip) | Boolean type IEs definition correction | Huawei | | Approved | Revision of C4-225476 in CR Pack CP-223061  Rev2:  Remove the incorrect changes for 29.503 |
|  |  | [CP-223062](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223062.zip) | Corrections on AMF | CT4 | | Approved |  |
|  |  | [CP-223065](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223065.zip) | Corrections on UDSF | CT4 | | Approved |  |
|  |  | [CP-223066](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223066.zip) | Open API version and External docs | CT4 | | Approved |  |
|  |  | [CP-223083](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223083.zip) | Corrections on 31.102 Rel-17 | CT6 | | Approved |  |
|  |  | [CP-223084](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223084.zip) | Corrections on 31.130 Rel-17 | CT6 | | Approved |  |
|  |  | [CP-223143](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223143.zip) | CR pack on TEI17 | CT1 | | Approved |  |
|  |  | [CP-223188](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223188.zip) | CR pack on OpenAPI version updates in Rel-17 | CT3 | | Partially Approved | C3-225739 revised in CP-223240 |
|  |  | [CP-223240](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223240.zip) | Update of info and externalDocs fields | Huawei | | Approved | Revision of C3-225739 in CR Pack CP-223188  C3-225739 is revised to add some missing impacted APIs (i.e. ACSParameterProvision and EASDeployment APIs). This revision was already shared in the CT3 reflector and the received comments were taken into consideration. |
|  |  | [CP-223195](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223195.zip) | CR pack on TEI17 for IMS/CS | CT3 | | Approved |  |
|  |  | [CP-223196](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223196.zip) | CR pack on TEI17 for Packet Core | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **17.5** | **Service Based Interface Protocol Improvements Release 17 [SBIProtoc17]** |  |  |  | |  |  |
|  |  | [CP-223041](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223041.zip) | Corrections on Service based Interface protocol improvements | CT4 | | Approved |  |
| **17.6** | **Multi-device and multi-identity enhancements [MuDe]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.7** | **Stage-3 5GS NAS protocol development 17 [5GProtoc17] [5GProtoc17-non3GPP]** |  |  |  | |  |  |
|  |  | [CP-223116](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223116.zip) | CR pack on 5GProtoc17 | CT1 | | Approved |  |
| **17.8** | **Protocol enhancements for Mission Critical Services [MCProtoc17]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.9** | **Stage-3 SAE Protocol Development [SAES17] [SAES17-CSFB] [SAES17-non3GPP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.10** | **Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode [eCPSOR\_CON]** |  |  |  | |  |  |
|  |  | [CP-223155](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223155.zip) | CR pack on eCPSOR\_CON | CT1 | | Not pursued | NTT Docomo:  It is requested to replace CP-223155 by CP-223239 in AI#18.7 [5GProtoc18].  The reason for the request is that the content of the CR is not FASMO, and should only be implemented as part of current Release if required.  In addition, the following condition in the CR is not clear:  if there is no Tsor-cm timer running, in the SOR procedure triggered by the received steering of roaming information; |
| **17.11** | **IMS Stage-3 IETF Protocol Alignment [IMSProtoc17]** |  |  |  | |  |  |
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| **17.12** | **CT aspects of Enhancements to Mission Critical Data [eMCData3]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.13** | **Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2]** |  |  |  | |  |  |
|  |  | [CP-223183](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223183.zip) | CR pack on MPS2 | CT3 | | Approved |  |
| **17.14** | **PFD management enhancement [pfdManEnh]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.15** | **BEst Practice of PFCP [BEPoP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.16** | **Restoration of PDN Connections in PGW-C/SMF Set [RPCPSET]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.17** | **Stage 3 of eMONASTERY2 [eMONASTERY2]** |  |  |  | |  |  |
|  |  | [CP-223152](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223152.zip) | CR pack on eMONASTERY2 | CT1 | | Approved |  |
| **17.18** | **CT aspects of 5GC architecture for satellite networks [5GSAT\_ARCH-CT]** |  |  |  | |  |  |
|  |  | [CP-223055](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223055.zip) | Corrections on CT aspects of 5GC architecture for satellite networks | CT4 | | Approved |  |
|  |  | [CP-223115](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223115.zip) | CR pack on 5GSAT\_ARCH-CT | CT1 | | Approved |  |
|  |  | [CP-223165](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223165.zip) | CR pack on 5GSAT\_ARCH-CT | CT3 | | Approved |  |
| **17.19** | **Protocol enhancements for Mission Critical Services [MCProtoc17]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.20** | **CT aspects of Enhanced MCCI with LMR Systems [eMCCI\_CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.21** | **CT aspects of AKMA [AKMA-CT]** |  |  |  | |  |  |
|  |  | [CP-223168](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223168.zip) | CR pack on AKMA-CT | CT3 | | Approved |  |
| **17.22** | **PAP/CHAP protocols usage in 5GS [PAP\_CHAP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.23** | **Service-based support for SMS in 5GC [SMS\_SBI]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.24** | **Enhancement of Inter-PLMN Roaming [EoIPR]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.25** | **Mission Critical system migration and interconnection [MCSMI\_CT]** |  |  |  | |  |  |
|  |  | [CP-223132](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223132.zip) | CR pack on MCSMI\_CT | CT1 | | Approved |  |
| **17.26** | **CT aspects of Integration of GBA into SBA [GBA\_5G]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.27** | **Reliable Data Service Serialization Indication [RDSSI\_CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.28** | **CT aspects for Enabling Edge Applications [EDGEAPP]** |  |  |  | |  |  |
|  |  | [CP-223154](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223154.zip) | CR pack on EDGEAPP | CT1 | | Approved |  |
|  |  | [CP-223170](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223170.zip) | CR pack on EDGEAPP | CT3 | | Approved |  |
| **17.29** | **CT aspects of eNPN [eNPN]** |  |  |  | |  |  |
|  |  | [CP-223049](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223049.zip) | Corrections on CT aspects of Enhanced support of Non-Public Networks | CT4 | | Approved |  |
|  |  | [CP-223122](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223122.zip) | CR pack on eNPN | CT1 | | Approved |  |
|  |  | [CP-223175](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223175.zip) | CR pack on eNAPIs | CT3 | | Approved |  |
|  |  | [CP-223177](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223177.zip) | CR pack on eNPN | CT3 | | Approved |  |
| **17.30** | **CT aspects of 5G\_eLCS\_ph2 [5G\_eLCS\_ph2]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.31** | **CT aspects for ID\_UAS [ID\_UAS]** |  |  |  | |  |  |
|  |  | [CP-223056](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223056.zip) | Corrections on CT aspects for Support of Uncrewed Aerial Systems Connectivity, Identification, and Tracking | CT4 | |  | **QC**:  If CT decides to go for CP-223245/CP-223246 (use UCU for aerial subscription information update) rather than CP-223232/CP-223233 (use UPU for aerial subscription information update) then C4-225349 needs to be removed from this CR pack since C4-225349 implements UPU |
|  |  | [CP-223127](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223127.zip) | CR pack on ID\_UAS | CT1 | | Approved |  |
|  |  | [CP-223180](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223180.zip) | CR pack on ID\_UAS | CT3 | | Approved |  |
|  |  | [CP-223229](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223229.zip) | Proposed way forward for update of aerial subscription information (ID\_UAS) | Qualcomm Incorporated / Lena | | Revised to 3244 | DP  CT1 was unable to agree corresponding Rel-17 CR 4956 to TS 24.501 (C1-226919) due to at least 2 companies expressing the view that using the UCU (UE Configuration Update) procedure was more appropriate than using the UPU procedure.  As a result:  • The Rel-17 stage 2 in TS 23.256 and TS 23.502 is misaligned with the Rel-17 stage 3 in TS 24.501  • The Rel-17 stage 3 in CT4 TS 29.503 is misaligned with the Rel-17 stage 3 in CT1 TS 24.501  Given that Rel-17 is now frozen, these misalignments need to be resolved at Plenary.  The following options can be considered to address the situation:  • Option 1: Not approve the SA2-agreed CRs and the CT4-agreed CR at SA/CT Plenaries (this means there is no explicit notification from the AMF to the UE of an aerial subscription information change and when to retry registering for aerial services is up to UE implementation)  • Option 2: Approve the SA2-agreed CRs and the CT4-agreed CR at SA/CT Plenaries, and approve a company contribution introducing the use of UPU in TS 24.501 at CT Plenary  • Option 3: Approve company contributions introducing the use of UCU in TS 23.256, TS 23.502 and TS 24.501 at SA/CT Plenaries  In light of the fact that other types of subscription updates (e.g. MPS subscription update) are done using UCU as per current specifications in stage 2 and stage 3, for consistency it is proposed to go with Option 3. A corresponding Rel-17 CR to TS 24.501 is provided in **CP-223230** and its Rel-18 mirror is provided in **CP-223231**. Corresponding CRs to TS 23.256 & TS 23.502 are provided in SP-221209 & SP-221210.  [Lena] SP-221209 has been replaced by SP-221294 to use a different CR number from the SA2-agreed CR. This is so that both sets of CT & SA CRs (one set for UCU and one set for UPU) are fully decoupled. SP-221294 will be available shortly.  [Ivo]  I have checked SP-221294 and SP-221295 and IMO, SP-221294 and SP-221295 are not aligned with CP-223245 and CP-223246.    Cover pages of SP-221294 and SP-221295 refers to "updating the Aerial subscription info to UAV" and "AMF should inform the UE about this subscription change", changes make mandatory linkage between change of subscription to AMF's actions, and in SP-221295, AMF provides "[AerialUESubscriptionInfo]".    I.e. SP-221294 and SP-221295 provide information in option-1 (i.e. information about subscription) for which UCU is NOT a correct tool.    If the intention of SP-221294 and SP-221295 is to provide information in option-2 (information about service availability) for which UCU would be a correct tool, then SP-221294 and SP-221295 need to be clear on it:  - in the cover pages, SP-221294 and SP-221295 need to be clear on AMF providing information about availability of the UAS service.  - in changes of SP-221294, wording similar to the one in C1-225456 should be used and AMF's action should be optional, as in C1-225456. The reason is that for service availability, RPLMN makes final decision.  - in changes of SP-221295, wording should refer to UAS service being enabled (rather than providing "[AerialUESubscriptionInfo]").    **QC**:  If CP-223245 and CP-223246 are updated as in C1-225456, as indicated in my mail below, and SP-221294 and SP-221295 are aligned as above, then the set of SA and CT CRs would be technically correct for option-2.    The proposed CT CRs are linked to the SA CRs for each set (UCU and UPU) so eventually a solution will move forward only if both CT and SA approve the same set (and companies interested in this discussion are present in both CT and SA, so I don’t expect a different outcome in CT and SA). Alternatively, CT could endorse both CRs as technically correct and then SA would make a decision on which set to approve.  [Ivo]  "The CT CRs are linked to the SA CRs for each set (UCU and UPU) so eventually a solution will move forward only if both CT and SA approve the same set (and companies interested in this discussion are present in both CT and SA, so I don’t expect a different outcome in CT and SA). " - Does this proposes that CT approves CP-223245 and CP-223246 \*only\*? If so, IMO, this would not be right way forward since CT would make a decision contradicting SA2's decision.  "CT could endorse both CRs as technically correct and then SA would make a decision on which set to approve."  **E///:**  this is possible as it leaves decision which of the two options goes forward, in SA's hands |
|  |  | [CP-223244](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223244.zip) | Proposed way forward for update of aerial subscription information (ID\_UAS) | Qualcomm Incorporated / Lena | | Noted | DP  The only change in the revision is to update the tdoc numbers of the SA contributions referenced in the discussion paper |
|  |  | [CP-223230](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223230.zip) | Aerial subscription change notification to the UE | Qualcomm Incorporated / Lena | | Revised to 3245 |  |
|  |  | [CP-223245](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223245.zip) | Aerial subscription change notification to the UE | Qualcomm Incorporated / Lena | | Revised to 3256 | The only change in the revision is to update the numbers of the linked SA2 CRs in the coversheet.  **E///:**  The company CR in CP-223245 needs a revision.  The network can provide the UE with two different types of information:  option-1: network can inform the UE about UE's subscription for UAS.  Subscription is HPLMN's responsibility (which VPLMN must not influence) so it needs to be sent to the UE using method with UE-HPLMN integrity protection. I.e. UPU, CP-SOR, SIM toolkit, OMA DM.  option-2: network can inform the UE about UAS service availability.  Availability of service might be derived from UE's subscription but RPLMN's policy can also be taken into account. Since RPLMN makes final decision, indicator in REGISTRATION ACCEPT or CONFIGURATION UPDATE COMMAND is the right way forward.  The discussion paper in CP-223244 compares the UAS issue with providing "MPS subscription update".  We assume that "MPS subscription update" refers to MPS indicator bit set to "Access identity 1 valid" or "Access identity 1 not valid", as provided in Priority indicator IE of CONFIGURATION UPDATE COMMAND message.  If so, "MPS subscription update" is in fact providing the UE about availability of MPS service (NOT about subscription for MPS) - i.e. option-2. Reason: even if a user has MPS in its subscription in UDM, when the UE roams, RPLMN can still decide to NOT provide the MPS to the user. MPS is regulatory service and regulations of the visited country can restrict providing MPS to roamers. E.g. a user of HPLMN based in country X with MPS subscription might be unable to enjoy MPS service while roaming in a RPLMN based in country Y.  So, if solution for UAS issue follows "MPS subscription update" (i.e. option-2), the solution for UAS issue should also enable VPLMN to apply its policies on the information provided into the UE. Thus, text below of CP-223245:  -----  If the AMF needs to deliver to the UE the Service-level-AA service status indication based on the update of the UE subscription data retrieved from the UDM, the AMF may include the Service-level-AA service status indication with UAS field set to "UAS service enabled" in the Service-level-AA container IE of the CONFIGURATION UPDATE COMMAND message.  -----  should be aligned to something like the below. Text below was taken from C1-225456, which was postponed in Aug 2022 CT1 meeting:  -----  If UAS service becomes enabled (e.g. because of the aerial subscription becomes a part of the UE subscription data retrieved from UDM), the AMF may include the Service-level-AA-service-status indication with UAS field set to "UAS service enabled" in the Service-level-AA container IE of the CONFIGURATION UPDATE COMMAND message.  **QC**:  Proposed draft revision of the Rel-17 CR to TS 24.501 on this topic to:  - Update the wording in the coversheet to be about availability of aerial service rather than aerial subscription info  - Reword the text on the AMF including the info in the UE CONFIGURATION UPDATE COMMAND as in C1-225456, as per your comments  - Update the text on UE handling of 5GMM cause #79 (UAS services not allowed) to take into account the case when the UE receives the indication that UAS services are enabled |
|  |  | [CP-223256](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223256.zip) | Aerial subscription change notification to the UE | Qualcomm Incorporated / Lena | |  | Changes in the revision to address comments received on the CT reflector and offline include:  - Updating the CR coversheet to be about notification of a change of aerial service availability instead of about notification of a change of aerial subscription information  - Change “If the AMF needs to deliver to the UE the Service-level-AA service status indication based on the update of the UE subscription data retrieved from the UDM” to “If UAS services become enabled for the UE (e.g. because of the aerial subscription becomes a part of the UE subscription data retrieved from the UDM)”  - Adding changes to clauses 5.5.1.2.5 and 5.5.1.3.5 to specify that the receipt of “UAS service enabled” cancels the effect of a prior receipt of 5GMM cause #79 (UAS services not allowed)  - Changing all occurrences of “UAS service” to “UAS services”  - Correcting typos and taking on board wording improvements  - Adding the length of the Service-level-AA service status indication IE in new clause 9.11.2.XX  - Adding Huawei as co-signer  **E///:**  I have already commented at CT1 reflector that indication of UE's support for UAS is needed also in approach of CP-223256:    if 5GMM indication is not specified, how can AMF perform the appropriate handling in the following cases?    - case-1: UAS services are not available, a UE supporting UAS services registers for normal services, UAS services become available. In this case, AMF needs to perform UCU with "UAS services enabled" to trigger the UE to register for UAS services.  - case-2: UAS services are not available, a UE NOT supporting UAS services registers for normal services, UAS services become available. In this case, AMF needs to do nothing as the UE does not support UAS services. If the AMF performs UCU with "UAS services enabled", this is waste of radio resources.  **QC, Nokia, Motorola:**  the indication about a UE’s capability here can be considered as an optimization that needs to be studied separately, and it is better not to be correlated with the current discussion, to keep the issue simpler |
|  |  | [CP-223231](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223231.zip) | Aerial subscription change notification to the UE | Qualcomm Incorporated / Lena | | Revised to 3246 |  |
|  |  | [CP-223246](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223246.zip) | Aerial subscription change notification to the UE | Qualcomm Incorporated / Lena | | Revised to 3257 | The only change in the revision is to update the numbers of the linked SA2 CRs in the coversheet  **E///:**  Same comment than for 3245 |
|  |  | [CP-223257](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223257.zip) | Aerial subscription change notification to the UE | Qualcomm Incorporated / Lena | |  | Changes in the revision to address comments received on the CT reflector and offline include:  - Updating the CR coversheet to be about notification of a change of aerial service availability instead of about notification of a change of aerial subscription information  - Change “If the AMF needs to deliver to the UE the Service-level-AA service status indication based on the update of the UE subscription data retrieved from the UDM” to “If UAS services become enabled for the UE (e.g. because of the aerial subscription becomes a part of the UE subscription data retrieved from the UDM)”  - Adding changes to clauses 5.5.1.2.5 and 5.5.1.3.5 to specify that the receipt of “UAS service enabled” cancels the effect of a prior receipt of 5GMM cause #79 (UAS services not allowed)  - Changing all occurrences of “UAS service” to “UAS services”  - Correcting typos and taking on board wording improvements  - Adding the length of the Service-level-AA service status indication IE in new clause 9.11.2.XX  - Adding Huawei as co-signer |
|  |  | [CP-223232](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223232.zip) | Aerial subscription indication | Samsung R&D Institute India | | Withdrawn | **QC**:  We have the following comments:  - This should be a revision of CR 4956 (C1-226919), not a brand-new CR since this is a resubmission from CT1#139  - The CR does not include how the UDM knows that the UE supports receiving UAS service update data in a UPU transparent container, hence the CR is technically incomplete  - Qualcomm prefers the alternative in C1-223230 since UCU, not UPU, is used for other types of subscription information update such as MPS subscription information update  **Motorola**:  In addition:  - update of the UE’s aerial subscription may separately and independently result in UCU triggers due to update of other parameters; and  - the UE and the AMF may receive two different information about this update at the time of roaming.  Moreover, this CR was consistently objected by at least two companies. Thus this should be announced on the reflectors (CT and CT1) if it is resubmitted to the plenary, since many of working group staff do not attend the plenary meeting. |
|  |  | [CP-223233](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223233.zip) | Aerial subscription indication | Samsung R&D Institute India | | Withdrawn | **QC**:  We have the following comments:  - This should be a revision of CR 4956 (C1-226919), not a brand-new CR since this is a resubmission from CT1#139  - The CR does not include how the UDM knows that the UE supports receiving UAS service update data in a UPU transparent container, hence the CR is technically incomplete  - Qualcomm prefers the alternative in C1-223231 since UCU, not UPU, is used for other types of subscription information update such as MPS subscription information update  **Motorola**:  In addition:  - update of the UE’s aerial subscription may separately and independently result in UCU triggers due to update of other parameters; and  - the UE and the AMF may receive two different information about this update at the time of roaming.  Moreover, this CR was consistently objected by at least two companies. Thus this should be announced on the reflectors (CT and CT1) if it is resubmitted to the plenary, since many of working group staff do not attend the plenary meeting.  **Samsung**:  As you know, Samsung actually is not opposed to UCU alternative. Our initial proposal was to use UCU which was changed to UPU based on comments in SA2.  In our view, our CR aligns with current SA2 agreed CR and can be agreed with SA2 CR as dependency on cover page.  Additionally, may be CT could agree to QC CR too with the SA2 CR as dependency on cover page and then let SA decide if they want to instead agree to UCU based solution.  **QC**:  We would be fine with approving both the CRs for UPU and the CRs for UCU, as long as they are deemed technically correct, and then let SA decide which set to progress. |
|  |  | [CP-223247](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223247.zip) | LS on Aerial subscription change notification to the UE | Samsung | | Revised to 3270 | **QC**:  Proposed revision of the LS out to SA on aerial subscription change notification to the UE the with Qualcomm’s suggested changes at:  https://www.3gpp.org/ftp/tsg\_ct/TSG\_CT/TSGC\_98e/Inbox/Drafts/CP-22xxxx\_was\_CP-223247\_v1.docx  **Samsung**: Fine |
|  |  | [CP-223270](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223270.zip) | LS on Aerial subscription change notification to the UE | Samsung | |  | **QC**:  Proposed revision of the LS out to SA on aerial subscription change notification to the UE the with Qualcomm’s suggested changes at:  https://www.3gpp.org/ftp/tsg\_ct/TSG\_CT/TSGC\_98e/Inbox/Drafts/CP-22xxxx\_was\_CP-223247\_v1.docx  **Samsung**: Fine |
|  |  | [CP-223248](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223248.zip) | Aerial subscription indication | Samsung | | Revised to 3252 | Revision of C1-226919 |
|  |  | [CP-223252](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223252.zip) | Aerial subscription indication | Samsung | | Revised to 3269 | CT1 CRs are further revised to CP-223250 / CP-223252 with following changes:  o EN is removed  o Capability indication is included in 5GMM capability. We believe this additional indication is still needed because if earlier registration was rejected due to lack of subscription to UAS service, UE may initiate normal-registration and AMF will not remember that UE is UAS capable.  **E///:**  regarding CP-223252 (and its mirror CP-223250):  - OK with removal of editor's note.  - not sure about changes in 5.5.1.2, 5.5.1.3.2, 9.11.3.1.  The AMF knows that the UE supports the UAS service based on 24.501 statement:  ------------  When the UE supporting UAS services initiates an initial registration for UAS services, the UE shall include the service-level device ID in the Service-level-AA container IE of the REGISTRATION REQUEST message and set the value to the CAA-level UAV ID.  ------------  A new indication in 5GMM capability IE would be useful only if the above 24.501 statement becomes conditional on the UE supporting UAS services and requesting UAS services. In such case, if the UE supports UAS services and does NOT request UAS services, the AMF would not receive service-level device ID in the Service-level-AA container IE but would receive the "UAS supported" indication in 5GMM capability IE. The AMF would provide the information to the UE about UE's aerial subscription (or UAS service availability) based on the "UAS supported" indication in 5GMM capability IE.  However, CP-223250 does not change the above 24.501 statement so a need for the new indication in 5GMM capability IE is not clear.  If this change is really needed, it seems to be unrelated to a particular solution for network providing the information to the UE about UE's aerial subscription (or UAS service availability) and would be applicable both with CP-223250 and with alternative in CP-223246.  We suggest to remove changes in 5.5.1.2, 5.5.1.3.2, 9.11.3.1 out of CP-223250, and put it into a dedicated CR.  **Samsung**:  Our assessment is also similar and we believe it may be needed for UCU case too. I am fine to use a dedicated CR, or we can simply replicate this in QC CR too if QC agrees. We can take the approach whatever group prefers.  **E///:**  I suggest some minor changes in the CR:  1) CP-223258 refers to "Aerial Subscription Change Indication in UE Parameter Update procedure" but CP-223250 defines "UAS service update data" UE parameters update data set type, with the UAS service indication bit. I assume that "Aerial Subscription Change Indication in UE Parameter Update procedure" in CP-223258 refers to the "UAS service update data" UE parameters update data set type in CP-223250. If so, we should use the same naming.  2) Christian stated that entire NAS message carrying "UAS service indication" can be ignored. IMO, this is not true due to CP-223258 stating "- false, or absence of this attribute: UE cannot be updated with Aerial Subscription Change Indication in UE Parameter Update procedure.". However, it can be made even clearer in CP-223250.  3) "UAS" and "UAS service" seems to be the same as "UAS services". If so, consistent wording should be used.  **Samsung**:  I will request a revision number and upload a CR incorporating all your changes & Lena’s suggestion |
|  |  | [CP-223269](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223269.zip) | Aerial subscription indication | Samsung | |  |  |
|  |  | [CP-223249](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223249.zip) | Aerial subscription indication | Samsung | | Revised to 3250 | Revision of C1-226920 |
|  |  | [CP-223250](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223250.zip) | Aerial subscription indication | Samsung | | Revised to 3268 | CT1 CRs are further revised to CP-223250 / CP-223252 with following changes:  o EN is removed  o Capability indication is included in 5GMM capability. We believe this additional indication is still needed because if earlier registration was rejected due to lack of subscription to UAS service, UE may initiate normal-registration and AMF will not remember that UE is UAS capable.  **E///:**  regarding CP-223252 (and its mirror CP-223250):  - OK with removal of editor's note.  - not sure about changes in 5.5.1.2, 5.5.1.3.2, 9.11.3.1.  The AMF knows that the UE supports the UAS service based on 24.501 statement:  ------------  When the UE supporting UAS services initiates an initial registration for UAS services, the UE shall include the service-level device ID in the Service-level-AA container IE of the REGISTRATION REQUEST message and set the value to the CAA-level UAV ID.  ------------  A new indication in 5GMM capability IE would be useful only if the above 24.501 statement becomes conditional on the UE supporting UAS services and requesting UAS services. In such case, if the UE supports UAS services and does NOT request UAS services, the AMF would not receive service-level device ID in the Service-level-AA container IE but would receive the "UAS supported" indication in 5GMM capability IE. The AMF would provide the information to the UE about UE's aerial subscription (or UAS service availability) based on the "UAS supported" indication in 5GMM capability IE.  However, CP-223250 does not change the above 24.501 statement so a need for the new indication in 5GMM capability IE is not clear.  If this change is really needed, it seems to be unrelated to a particular solution for network providing the information to the UE about UE's aerial subscription (or UAS service availability) and would be applicable both with CP-223250 and with alternative in CP-223246.  We suggest to remove changes in 5.5.1.2, 5.5.1.3.2, 9.11.3.1 out of CP-223250, and put it into a dedicated CR.  Samsung:  Our assessment is also similar and we believe it may be needed for UCU case too. I am fine to use a dedicated CR, or we can simply replicate this in QC CR too if QC agrees. We can take the approach whatever group prefers.  **QC, Nokia, Motorola:**  the indication about a UE’s capability here can be considered as an optimization that needs to be studied separately, and it is better not to be correlated with the current discussion, to keep the issue simpler |
|  |  | [CP-223268](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223268.zip) | Aerial subscription indication | Samsung | |  |  |
|  |  | [CP-223251](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223251.zip) | Aerial subscription indication | Samsung | | Revised to 3258 | While discussing CT-Plenary CRs CP-223233 / CP-223248, it was highlighted that UDM API too needs to be changed to include indication of UE support for UAS Services.  The CR has dependency on approval of SA-Plenary CRs as highlighted in Cover page.  **Nokia**:  There is some misalignment between the description of the new IE in the table and in OpenAPI wrt the default value (no default value defined in OpenAPI, but default value defined in the table).  Should the definition of the new IE say that this IE indicates whether the UE can be updated upon an Aerial subscription change (as per Summary of Change) or whether the UE supports UAS services (as proposed in the description of the new IE)? What about the case where an AMF would not support this new IE (e.g. legacy AMF), doesn’t the proposed definition look wrong in this case (the absence of the IE does not mean then that the UE does not support UAS services, but that the UE cannot be updated upon Aerial subscription change)?  Please also indicate the impacted API and the nature of the technical change (backward compatible correction) in “Other Comments” on the cover page.  CoNA should be strengthened by explaining what are the operational consequences if the CR is not approved.  As a general comment, we should avoid sending brand new CRs to CT Plenary w/o these CRs having been carefully reviewed and agreed by the corresponding WG. I understand though that this one stems from technical discussions on other related CT1 and CT4 CRs.  **Samsung**:  Proposed CR revision (to be submitted) incorporating all Nokia comments. Let me know if this is fine?  I agree with you that we need to avoid sending new CR to Plenary. We actually tried to propose an EN for now (in CT1/SA2 specs) so that these new changes can be proposed in next meeting. However some companies suggested we propose complete solution for discussion at plenary (as it is late for Rel-17), and we ended up proposing this CR in Plenary. |
|  |  | [CP-223251](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223251.zip) | Aerial subscription indication | Samsung | |  | **Motorola:**  I just checked my CT4 reflector. This new CR CP-223258 was very late. The first version was on the reflector on Friday (or 11:27 pm Thursday Pacific time and Friday for all other). So I am not sure what is rush with a CR package when clearly two companies have objected to it. This CR and CT1 CRs should be carefully studied and I am still not convinced if it the solution satisfies all the concerns. |
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| **17.32** | **CT aspects of support of enhanced Industrial IoT [IIoT]** |  |  |  | |  |  |
|  |  | [CP-223050](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223050.zip) | COrrections on CT aspects of enhanced support of industrial IoT | CT4 | | Approved |  |
|  |  | [CP-223181](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223181.zip) | CR pack on IIoT | CT3 | | Approved |  |
| **17.33** | **CT aspects of eV2XAPP [eV2XAPP]** |  |  |  | |  |  |
|  |  | [CP-223124](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223124.zip) | CR pack on eV2XAPP | CT1 | | Approved |  |
| **17.34** | **CT aspects of 5G eEDGE [eEDGE\_5GC]** |  |  |  | |  |  |
|  |  | [CP-223045](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223045.zip) | Corrections on CT Aspects of 5G eEDGE | CT4 | | Partially Approved | C4-225527 revised in CP-223094 |
|  |  | [CP-223094](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223094.zip) | Service Specific Authorization Remove | Ericsson, Huawei | | Approved | Revision of C4-225527 in CR Pack CP-223045  Rev2:  Correct Operation ID in OpenAPI. |
|  |  | [CP-223171](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223171.zip) | CR pack on eEDGE\_5GC | CT3 | | Approved |  |
| **17.35** | **Stage 3 for Enhancement of Network Slicing Phase 2 [eNS\_Ph2]** |  |  |  | |  |  |
|  |  | [CP-223044](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223044.zip) | Corrections on Enhancement of Network Slicing Phase 2 | CT4 | | Approved |  |
|  |  | [CP-223121](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223121.zip) | CR pack on eNS\_Ph2 | CT1 | | Approved |  |
| **17.36** | **Start of Pause of Charging via User Plane [SPOCUP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.37** | **CT aspects of ATSSS\_Ph2 [ATSSS\_Ph2]** |  |  |  | |  |  |
|  |  | [CP-223119](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223119.zip) | CR pack on ATSSS\_Ph2 | CT1 | | Approved |  |
| **17.38** | **CT aspects of eNA\_Ph2 [eNA\_Ph2]** |  |  |  | |  |  |
|  |  | [CP-223172](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223172.zip) | CR pack on eNA\_Ph2 - Pack 1/3 | CT3 | | Approved |  |
|  |  | [CP-223173](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223173.zip) | CR pack on eNA\_Ph2 - Pack 2/3 | CT3 | | *Partially Approved* | C3-225613 revised in CP-223224  C3-225772 revised in CP-223237 |
|  |  | [CP-223224](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223224.zip) | adding resourceUri for analytics subscription transfer notification | ZTE | | Approved | Revision of C3-225613 in CR Pack CP-223173  Rev2:  fix the openAPI issue for “allOf”. |
|  |  | [CP-223237](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223237.zip) | The time stamp of data and analytics notification | Huawei, Nokia, Nokia Shanghai Bell, China Telecom | | Approved | Revision of C3-225772 in CR Pack CP-223173  Rev2:  - Remove the change over change and the redundant "timeStamp" attribute in Table 5.2.6.2.4-1. |
|  |  | [CP-223174](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223174.zip) | CR pack on eNA\_Ph2 - Pack 3/3 | CT3 | | Approved |  |
| **17.39** | **CT aspects of proximity based services in 5GS [5G\_ProSe]** |  |  |  | |  |  |
|  |  | [CP-223054](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223054.zip) | Corrections on CT aspects of proximity based services in 5GS | CT4 | | Partially Approved | C4-225539 revised in CP-223089 |
|  |  | [CP-223089](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223089.zip) | 5GPRUK Name Alignment | Ericsson, Huawei | | Approved | Revision of C4-225539 in CR Pack CP-223054  Rev2:  - Editorial Corrections.  - Clarify 5gPrukId IE shall carry CP-PRUK in OpenAPI |
|  |  | [CP-223085](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223085.zip) | Corrections on 5G\_ProSe | CT6 | | Approved |  |
|  |  | [CP-223148](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223148.zip) | CR pack on 5G\_ProSe #1 | CT1 | | Approved |  |
|  |  | [CP-223149](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223149.zip) | CR pack on 5G\_ProSe #2 | CT1 | | Approved |  |
|  |  | [CP-223162](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223162.zip) | CR pack on 5G\_ProSe | CT3 | | Approved |  |
| **17.40** | **CT aspects of Enabling Multi-USIM Devices [MUSIM]** |  |  |  | |  |  |
|  |  | [CP-223135](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223135.zip) | CR pack on MUSIM | CT1 | | Approved |  |
| **17.41** | **CT aspects on TEI17\_SPSFAS [TEI17\_SPSFAS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.42** | **CT aspects on TEI17\_SAPES [TEI17\_SAPES]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.43** | **CT aspects on TEI17\_DCAMP [TEI17\_DCAMP]** |  |  |  | |  |  |
|  |  | [CP-223197](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223197.zip) | CR pack on TEI17\_DCAMP | CT3 | | Approved |  |
| **17.44** | **CT aspects on TEI17\_GEM [TEI17\_GEM]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.45** | **CT3 aspects of N7 Interfaces Enhancements to Support GERAN and UTRAN [TEI17\_NIESGU]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.46** | **UICC-terminal interface testing for UEs with non-removable UICCs [nrUICC\_UEConTest]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.47** | **CT aspects of Support of different slices over different Non 3GPP access [TEI17\_N3SLICE]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.48** | **CT aspects of the architectural enhancements for 5G multicast-broadcast services [5MBS]** |  |  |  | |  |  |
|  |  | [CP-223036](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223036.zip) | Corrections on 5MBS | CT4 | | Partially Approved | C4-225441 revised in CP-223097  C4-225553 revised in CP-223225 |
|  |  | [CP-223097](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223097.zip) | Add mbmsGwTunAddr attibute in DistSession data type | Ericsson | | Approved | Revision of C4-225441 in CR Pack CP-223036  Rev2:  In the table 6.1.6.2.4, add a value for "write-only" which can be set to "true" and update accordingly in openAPI. |
|  |  | [CP-223225](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223225.zip) | Adding NID to TmgiAllocated type | Huawei | | Approved | Revision of C4-225553 in CR Pack CP-223036  Rev3:  Syntax errors are fixed in the Nmbsmf\_TMGI OpenAPI (the attribute "Nid" is repleced with "nid:" and in the reference, the "/'Nid" is repleced with "/Nid"). |
|  |  | [CP-223042](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223042.zip) | Corrections on 5MBS | CT4 | | Approved |  |
|  |  | [CP-223117](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223117.zip) | CR pack on 5MBS | CT1 | | Approved |  |
|  |  | [CP-223166](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223166.zip) | CR pack on 5MBS - Pack 1/2 | CT3 | | Approved |  |
|  |  | [CP-223167](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223167.zip) | CR pack on 5MBS - Pack 2/2 | CT3 | | Approved |  |
| **17.49** | **CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) [UASAPP]** |  |  |  | |  |  |
|  |  | [CP-223146](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223146.zip) | CR pack on UASAPP | CT1 | | Approved |  |
| **17.50** | **CT aspects of eV2XARC\_Ph2 [eV2XARC\_Ph2]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.51** | **CT aspects of MCOver5GS [MCOver5GS]** |  |  |  | |  |  |
|  |  | [CP-223126](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223126.zip) | CR pack on eV2XARC\_Ph2 | CT1 | | Approved |  |
| **17.52** | **Enhancement of 5G PCC related services in Rel-17 [en5GPccSer17]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.53** | **Enhancements of 3GPP Northbound Interfaces and Application Layer APIs [NBI17]** |  |  |  | |  |  |
|  |  | [CP-223184](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223184.zip) | CR pack on NBI17 | CT3 | | Approved |  |
| **17.54** | **Stage 3 aspects of enh3MCPTT [enh3MCPTT-CT]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.55** | **Enhanced Service Enabler Architecture Layer for Verticals [eSEAL]** |  |  |  | |  |  |
|  |  | [CP-223123](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223123.zip) | CR pack on eSEAL | CT1 | | Approved |  |
| **17.56** | **System enhancement for redundant PDU session [TEI17\_SE\_RPS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.57** | **CT aspects of Support for Minimization of service Interruption [MINT]** |  |  |  | |  |  |
|  |  | [CP-223051](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223051.zip) | Corrections on CT aspects of Support for Minimization of service Interruption | CT4 | | Approved |  |
|  |  | [CP-223133](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223133.zip) | CR pack on MINT | CT1 | | Approved |  |
| **17.58** | **IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in SA 5GS [ING\_5GS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.59** | **CT aspects for enabling MSGin5G Service [5GMARCH]** |  |  |  | |  |  |
|  |  | [CP-223150](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223150.zip) | CR pack on 5GMARCH | CT1 | | Approved |  |
| **17.60** | **Restoration of profiles related to UDR [ReP\_UDR]** |  |  |  | |  |  |
|  |  | [CP-223047](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223047.zip) | Corrections on Restoration of profiles related to UDR | CT4 | | Approved |  |
| **17.61** | **Enhancement on the GTP-U entity restart [EGTPUR]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.62** | **Multi-device enhancements for device transfers [MuDTran]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.63** | **CT aspects of Architecture Enhancement for NR Reduced Capability Devices [ARCH\_NR\_REDCAP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.64** | **Enhancements of 3GPP profiles for cryptographic algorithms and security protocols [eCryptPr]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.65** | **IMS Optimization for HSS Group ID in an SBA environment [TEI17\_IMSGID]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.66** | **CT aspects of NB-IoT/eMTC Non-Terrestrial Networks in EPS [IoT\_SAT\_ARCH\_EPS]** |  |  |  | |  |  |
|  |  | [CP-223053](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223053.zip) | Corrections on CT aspects of NB-IoT/eMTC Non-Terrestrial Networks in EPS | CT4 | | Approved |  |
|  |  | [CP-223129](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223129.zip) | CR pack on IoT\_SAT\_ARCH\_EPS | CT1 | | Partially Approved | C1-227171 revised in CP-223226  C1-227172 revised in CP-223227 |
|  |  | [CP-223226](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223226.zip) | Adding forbidden TAI lists in SERVICE ACCEPT message Rel-17 | MediaTek Inc. / Marko | | Approved | Revision of C1-227171 in CR Pack CP-223129  Rev3:  Wording of MME requirement in 5.6.1.4.2 improved regarding "by UE subscription and operator's preference" according to corresponding text in 24.501. |
|  |  | [CP-223227](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223227.zip) | Adding forbidden TAI lists in SERVICE ACCEPT message Rel-18 | MediaTek Inc. / Marko | | Approved | Revision of C1-227172 in CR Pack CP-223129  Rev3:  Wording of MME requirement in 5.6.1.4.2 improved regarding "by UE subscription and operator's preference" according to corresponding text in 24.501. |
| **17.67** | **Repository for the 3GPP Allocated Port Numbers for New 3GPP Interfaces [PortAl]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.68** | **Non-Seamless WLAN offload Authentication in 5GS [NSWO\_5G]** |  |  |  | |  |  |
|  |  | [CP-223048](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223048.zip) | Corrections on Non-Seamless WLAN offload authentication in 5G | CT4 | | Approved |  |
|  |  | [CP-223137](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223137.zip) | CR pack on NSWO\_5G | CT1 | | Approved |  |
| **17.69** | **CT aspects of AKMA TLS protocol profiles [AKMA\_TLS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **17.70** | **Modifying PASSporT signing and verification [SPECTRE\_Ph3]** |  |  |  | |  |  |
|  |  | [CP-223141](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223141.zip) | CR pack on SPECTRE\_Ph3 | CT1 | | Approved |  |
| **17.71** | **CT aspects of enhancement of RAN Slicing for NR [NRslice]** |  |  |  | |  |  |
|  |  | [CP-223136](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223136.zip) | CR pack on NRslice | CT1 | | Approved |  |
| **17.72** | **CT aspects of 5GMS AF Event Exposure [EVEX]** |  |  |  | |  |  |
|  |  | [CP-223179](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223179.zip) | CR pack on EVEX | CT3 | | Approved |  |
| **17.73** | **Any other Rel-17 Work item or Study item** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18** | **Release 18** |  |  |  | |  |  |
| **18.1** | **Rel-18 work planning** |  |  |  | |  | Possible topics WRT planning of Rel-18 |
|  |  |  |  |  | |  |  |
| **18.2** | **New WIDs for Rel-18** |  |  |  | |  |  |
|  |  | [CP-223021](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223021.zip) | 5GS support of NR RedCap UE with long eDRX for RRC\_INACTIVE State | CT4 | |  |  |
|  |  | [CP-223022](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223022.zip) | CT aspects on Multiple location report for MT-LR Immediate Location Request for regulatory services | CT4 | |  |  |
|  |  | [CP-223023](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223023.zip) | CT aspects of enhancement to the 5GC location services - phase 3 | CT4 | | Revised to 3267 | Add Intel as supporting company |
|  |  | [CP-223267](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223267.zip) | CT aspects of enhancement to the 5GC location services - phase 3 | CT4 | |  |  |
|  |  | [CP-223024](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223024.zip) | Enhancement on Shared Data ID and Handling | CT4 | |  |  |
|  |  | [CP-223025](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223025.zip) | CT Aspects of Edge Computing Phase 2 | CT4 | |  |  |
|  |  | [CP-223026](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223026.zip) | Enhancement of NSAC for maximum number of UEs with at least one PDU session/PDN connection | CT4 | |  |  |
|  |  | [CP-223104](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223104.zip) | New WID on CT aspects of Enhanced support of Non-Public Networks Phase 2 | CT1 | | Revised to 3271 | add a supporting company. |
|  |  | [CP-223271](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223271.zip) | New WID on CT aspects of Enhanced support of Non-Public Networks Phase 2 | CT1 | |  |  |
|  |  | [CP-223105](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223105.zip) | New WID on mission critical system migration and interconnection enhancements | CT1 | |  |  |
|  |  | [CP-223106](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223106.zip) | New WID on CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS), Phase 2 | CT1 | |  |  |
|  |  | [CP-223107](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223107.zip) | New WID on CT aspects of application layer support for V2X services; Phase 3 | CT1 | |  |  |
|  |  | [CP-223108](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223108.zip) | New WID on CT aspects of SEAL data delivery enabler for vertical applications | CT1 | | Revised to 3272 | Add TS number |
|  |  | [CP-223272](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223272.zip) | New WID on CT aspects of SEAL data delivery enabler for vertical applications | CT1 | |  |  |
|  |  | CP-223109 | New WID on CT aspects of enhancement of 5G UE Policy | CT1 | | Withdrawn |  |
|  |  | [CP-223110](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223110.zip) | New WID on CT aspects of proximity based services in 5GS Phase 2 | CT1 | |  |  |
|  |  | [CP-223111](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223111.zip) | New WID on Secondary DN authentication and authorization in EPC IWK cases | CT1 | | Revised to 3266 | Please add Ericsson as supporting company of the TEI18\_SDNAEPC WID in a revision of CP-223111. |
|  |  | [CP-223266](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223266.zip) | New WID on Secondary DN authentication and authorization in EPC IWK cases | CT1 | |  |  |
|  |  | [CP-223112](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223112.zip) | New WID on Enhanced Service Enabler Architecture Layer for Verticals Phase 3 | CT1 | | Revised to 3273 | Add TS number |
|  |  | [CP-223273](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223273.zip) | New WID on Enhanced Service Enabler Architecture Layer for Verticals Phase 3 | CT1 | |  |  |
|  |  | [CP-223113](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223113.zip) | New WID on CT aspect of Seamless UE context recovery | CT1 | | Revised to 3262 | request to add MediaTek as a supporting company for this WID |
|  |  | [CP-223262](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223262.zip) | New WID on CT aspect of Seamless UE context recovery | CT1 | |  |  |
|  |  | [CP-223114](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223114.zip) | New WID on support for 5WWC, Phase 2 | CT1 | |  |  |
|  |  | [CP-223202](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223202.zip) | New WID on enhancement of application detection event exposure | CT3 | |  |  |
|  |  | [CP-223203](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223203.zip) | New WID on CT aspects of General Support of IPv6 Prefix Delegation in 5GS | CT3 | |  |  |
|  |  | [CP-223204](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223204.zip) | New WID on CT aspects of 5G System with Satellite Backhaul | CT3 | |  |  |
|  |  | [CP-223205](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223205.zip) | New WID on 5G Timing Resiliency and TSC & URLLC enhancements | CT3 | |  |  |
|  |  | [CP-223206](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223206.zip) | Extensions to the TSC Framework to support DetNet | CT3 | |  |  |
|  |  | [CP-223207](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223207.zip) | New WID on CT aspects for enabling Edge Applications Phase 2 | CT3 | |  |  |
|  |  | [CP-223208](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223208.zip) | New WID on Rel-18 enhancements of session management policy | CT3 | |  |  |
|  |  | [CP-223209](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223209.zip) | New WID on CT aspects of enhancement of 5G UE Policy | CT3 | | Revised to 3261 | Add MediaTek as co-source company |
|  |  | [CP-223261](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223261.zip) | New WID on CT aspects of enhancement of 5G UE Policy | CT3 | |  |  |
|  |  | [CP-223210](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223210.zip) | New WID on CT aspects of 5G System Enabler for Service Function Chaining | CT3 | |  |  |
|  |  | [CP-223211](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223211.zip) | Enhancement of Network Automation Enablers | CT3 | |  |  |
| **18.3** | **Revised WIDs for Rel-18** |  |  |  | |  |  |
|  |  | [CP-223102](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223102.zip) | Revised WID on IMS Stage-3 IETF Protocol Alignment | CT1 | |  |  |
|  |  | [CP-223103](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223103.zip) | Revised WID on Protocol enhancements for Mission Critical Services | CT1 | |  |  |
| **18.4** | **TEI18 [TEI18]** |  |  |  | |  |  |
|  |  | [CP-223032](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223032.zip) | CR Pack on UDICOM Rel-18 | CT4 | | Approved |  |
|  |  | CP-223033 | CR Pack on Open API version and External docs | CT4 | | Approved |  |
|  |  | [CP-223034](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223034.zip) | Enhancements on Vertical LAN | CT4 | | Approved |  |
|  |  | [CP-223037](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223037.zip) | Enhancements on GTP | CT4 | | Approved |  |
|  |  | [CP-223038](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223038.zip) | Enhancements on Diameter | CT4 | | Approved |  |
|  |  | [CP-223039](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223039.zip) | Enhancements on eV2XARC | CT4 | | Approved |  |
|  |  | [CP-223040](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223040.zip) | Enhancements on Common Data | CT4 | | Approved |  |
|  |  | [CP-223046](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223046.zip) | Corrections on Restoration of PDN Connections in PGW-C/SMF-S | CT4 | | Approved |  |
|  |  | [CP-223052](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223052.zip) | Enhancements on CT aspects of Architecture Enhancement for NR Reduced Capability Devices | CT4 | | Approved |  |
|  |  | [CP-223058](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223058.zip) | Enhancements on 5G CIoT | CT4 | | Approved |  |
|  |  | [CP-223063](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223063.zip) | Enhancements on AUSF | CT4 | | Approved |  |
|  |  | [CP-223064](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223064.zip) | Enhancements on LMF | CT4 | | Approved |  |
|  |  | [CP-223068](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223068.zip) | Enhancements on CT aspects of Enhancement to the 5GC LoCation Services | CT4 | | Approved |  |
|  |  | [CP-223086](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223086.zip) | Enhancements on 31.111 Rel-18 | CT6 | | Approved |  |
|  |  | [CP-223087](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223087.zip) | Enhancements on 5MBS | CT4 | | Approved |  |
|  |  | [CP-223144](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223144.zip) | CR pack on TEI18 | CT1 | | Approved |  |
|  |  | [CP-223145](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223145.zip) | CR pack on TEI18\_SDNAEPC | CT1 | | Approved |  |
|  |  | [CP-223189](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223189.zip) | CR pack on OpenAPI version updates in Rel-18 - Pack 1/2 | CT3 | | Partially Approved | C3-225740 revised in CP-223241 |
|  |  | [CP-223241](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223241.zip) | Update of info and externalDocs fields | Huawei | | Approved | Revision of C3-225740 in CR Pack CP-223189  C3-225740 is revised to add some missing impacted APIs (i.e. AnalyticsExposure API). This revision was already shared in the CT3 reflector and the received comments were taken into consideration. |
|  |  | [CP-223190](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223190.zip) | CR pack on OpenAPI version updates in Rel-18 - Pack 2/2 | CT3 | | Approved |  |
|  |  | [CP-223198](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223198.zip) | CR pack on TEI18 for Packet Core - Pack 1/3 | CT3 | | Approved |  |
|  |  | [CP-223199](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223199.zip) | CR pack on TEI18 for Packet Core - Pack 2/3 | CT3 | | Approved |  |
|  |  | [CP-223200](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223200.zip) | CR pack on TEI18 for Packet Core - Pack 3/3 | CT3 | | Approved |  |
|  |  |  |  |  | |  |  |
| **18.5** | **CT aspects of NBI18 [NBI18]** |  |  |  | |  |  |
|  |  | [CP-223185](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223185.zip) | CR pack on NBI18 | CT3 | | Approved |  |
| **18.6** | **CT aspects of SBIProtoc18 [SBIProtoc18]** |  |  |  | |  |  |
|  |  | [CP-223027](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223027.zip) | CR Pack 1/3 on Service based Interface protocol improvements | CT4 | | Approved |  |
|  |  | [CP-223028](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223028.zip) | CR Pack 2/3 on Service based Interface protocol improvements | CT4 | | Partially Approved | C4-225435 revised in CP-223095 |
|  |  | [CP-223095](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223095.zip) | Missing mandatory status codes in OpenAPI | Nokia, Nokia Shanghai Bell | | Approved | Revision of C4-225435 in CR Pack CP-223028  Rev 2:  correct an error found during implementation of CT4 agreed CR; In the Nnsacf\_NSAC OpenAPI, the change only covers the resource "/slices/ues", but change to "/slices/pdus" is missing. |
|  |  | [CP-223029](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223029.zip) | CR Pack 3/3 on Service based Interface protocol improvements | CT4 | | Partially Approved | C4-225486 revised in CP-223088  C4-225498 revised in CP-223090 |
|  |  | [CP-223088](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223088.zip) | Discovery by SCP of complete NF Profile | Nokia, Nokia Shanghai Bell | | Approved | Revision of C4-225486 in CR Pack CP-223029  Rev. 2:  Corrects an error that was found during the implementation of the CT4 agreed CR |
|  |  | [CP-223090](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223090.zip) | Preferred Features | Ericsson | | Approved | Revision of C4-225498 in CR Pack CP-223029  Rev2:  Correct OpenAPI |
|  |  | [CP-223191](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223191.zip) | CR pack on SBIProtoc18 - Pack 1/2 | CT3 | | Approved |  |
|  |  | [CP-223192](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223192.zip) | CR pack on SBIProtoc18 - Pack 2/2 | CT3 | | Partially Approved | C3-225166  revised in CP-223213 |
|  |  | [CP-223213](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223213.zip) | Adding the mandatory error code 502 Bad Gateway | Nokia, Nokia Shanghai Bell | | Approved | Revision of C3-225166 in CR Pack CP-223192  Rev 1:  Updated the "502" response to TS 29.571 (instead of TS 29.122, where "502" is not yet defined). |
| **18.7** | **Stage-3 5GS NAS protocol development 18 general aspects [5GProtoc18]** |  |  |  | |  |  |
|  |  | [CP-223157](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223157.zip) | CR pack on 5GProtoc18 #1 | CT1 | | Approved |  |
|  |  | [CP-223158](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223158.zip) | CR pack on 5GProtoc18 #2 | CT1 | | Partially Approved | C1-225731 revised in CP-223101 |
|  |  | [CP-223101](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223101.zip) | Clarification on equivalent PLMN applicability | ZTE, Ericsson | | Approved | Revision of C1-225731 in CR Pack CP-223158  Rev 1:  subclause 4.6.2.2 is removed from scope of this CR.  - additional cosigner added.  - “Reason for change” and “consequences if not approved” are updated. |
|  |  | [CP-223159](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223159.zip) | CR pack on 5GProtoc18 #3 | CT1 | | Partially Approved | C1-227088 revised in CP-223100 |
|  |  | [CP-223100](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223100.zip) | Issues in slicing and SNPN | Ericsson, ZTE | | Approved | Revision of C1-227088 in CR Pack CP-223159  Rev 2:  - "and" in 1st change of bullet d) is restored  - additional cosigner added |
|  |  | [CP-223160](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223160.zip) | CR pack on 5GProtoc18 #4 | CT1 | | Approved |  |
|  |  | [CP-223212](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223212.zip) | Clarification on the UE behaviour upon receiving “do not store SOR-CMCI in ME” | NTT DOCOMO INC. | | Revised to 3229 |  |
|  |  | [CP-223239](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223239.zip) | Clarification on the UE behaviour upon receiving “do not store SOR-CMCI in ME” | NTT DOCOMO INC, Huawei, HiSilicon | | Approved | Rev 1:  - Adding Huawei and HiSilicon as co-signing companies.  - Updating the cover page.  - Removing the word “only” from the new text in CP-223212.  - Adding a new sentence: If there is an ongoing SOR procedure, then the UE shall apply the received SOR-CMCI as described in clause C.4.2  **CT chair comment**: please avoid sending this kind of company CR directly to plenary if not discussed in the working group for an open release  NTT:  The CR in CP-223239 is intended to replace CP-223155 in AI#17.10 [eCPSOR\_CON].  Based on the common understanding between authors of CP-223155 and ourselves, the proposal is to clarify the condition of what the original CR in CP-223155 describes in the current Release instead of going back to frozen Release, i.e. clarify the UE handling in case "store the SOR-CMCI" is set to "do not store".  We have not received any comments/requests for further update on the CR neither on CT1 nor CT reflector apart from the authors of this contribution, and so we believe the proposal is now concrete enough for discussion in CT Plenary. |
|  |  |  |  |  | |  |  |
| **18.8** | **Stage-3 5GS NAS protocol development 18 non 3GPP aspects [5GProtoc18-non3GPP]** |  |  |  | |  |  |
|  |  | [CP-223156](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223156.zip) | CR pack on 5GProtoc18-non3GPP | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **18.9** | **Stage-3 SAE Protocol Development [SAES18]** |  |  |  | |  |  |
|  |  | [CP-223138](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223138.zip) | CR pack on SAES18 | CT1 | | Approved |  |
|  |  |  |  |  | |  |  |
| **18.10** | **Stage-3 SAE Protocol Development CSFB [SAES18-CSFB]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.11** | **Stage-3 SAE Protocol Development non 3GPP [SAES18-non3GPP]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.12** | **Protocol enhancements for Mission Critical Services [MCProtoc18]** |  |  |  | |  |  |
|  |  | [CP-223128](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223128.zip) | CR pack on IMSProtoc18 | CT1 | | Approved |  |
|  |  | [CP-223131](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223131.zip) | CR pack on MCProtoc18 | CT1 | | Approved |  |
| **18.13** | **MPS for Supplementary Services [MPSSupServ]** |  |  |  | |  |  |
|  |  | [CP-223134](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223134.zip) | CR pack on MPSSupServ | CT1 | | Approved |  |
| **18.14** | **Study on GBA\_U Based APIs [FS\_GBA\_U\_API]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.15** | **Study on new UICC application for NSSAA [FS\_NS\_Slice-USIM18]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.16** | **CT aspects of Mission Critical Services over 5MBS [MCOver5MBS]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.17** | **CT aspects of Mission Critical Services over 5GProSe [MCOver5GProSe]** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **18.18** | **IMS Stage-3 IETF Protocol Alignment [IMSProtoc18]** |  |  |  | |  |  |
|  |  | [CP-223182](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223182.zip) | CR pack on IMSProtoc18 | CT3 | | Approved |  |
| **18.19** | **CT aspects of Signal level Enhanced Network Selection [SENSE]** |  |  |  | |  |  |
|  |  | [CP-223139](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223139.zip) | CR pack on SENSE | CT1 | | Approved |  |
| **18.20** | **Rel-18 Enhancements of UE Policy [UEP18]** |  |  |  | |  |  |
|  |  | [CP-223030](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223030.zip) | CR Pack on Enhancements of UE Policy | CT4 | | Approved |  |
|  |  | [CP-223201](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223201.zip) | CR pack on UEP18 | CT3 | | Approved |  |
| **18.21** | **Any other Rel-18 Work item or Study item** |  |  |  | |  |  |
|  |  | [CP-223031](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223031.zip) | CR Pack on Support for 5WWC Phase 2 | CT4 | | Approved |  |
|  |  | [CP-223035](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223035.zip) | CR Pack on NR Red Cap | CT4 | | Approved |  |
|  |  | [CP-223118](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223118.zip) | CR pack on 5WWC\_Ph2 | CT1 | | Approved |  |
|  |  | [CP-223120](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223120.zip) | CR pack on eNPN\_Ph2 | CT1 | | Approved |  |
|  |  | [CP-223142](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223142.zip) | CR pack on SUECR | CT1 | | Approved |  |
|  |  | [CP-223176](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223176.zip) | CR pack on eNetAE | CT3 | | Approved |  |
|  |  | [CP-223178](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223178.zip) | CR pack on eNPN\_Ph2 | CT3 | | Approved |  |
|  |  | [CP-223194](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223194.zip) | CR pack on SEAL\_Ph3 | CT3 | | Approved |  |
|  |  | [CP-223214](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223214.zip) | Support for discovery of SNPNs with 5G connectivity support | OPPO, Intel, Lenovo | | Revised to 3263 | Rev2 of CR discussed in CT1  • correcting decode in subclause H.2.4.1 and adjustment to avoid clash with changes brought in by 24.302CR0731  **QC**:  We have the following comment:  this CR adds code point “00000101” in clause H.2.4.1, but that code point is also added by C1-227002 in CR pack CP-223137. So the implementation of the CRs will result in that code point being added twice. To resolve this, the addition of code point “00000101” should be removed from CP-223214  **E///**:  The CR revision in CP-223214 need to be revised since it creates a conflict with CT1 agreed CR C1-227002 (CR-pack CP-223137), as both C1-227002 and CP-223214 add a line starting with "00000101" into H.2.4.1.  **CT chair comment**: please avoid sending this kind of company CR directly to plenary if not discussed in the working group for an open release  **Oppo**:  Although my understanding is when one CR (in Rel-17) adds a certain text and then a second CR to same base TS (but to Rel-18 for instance) adds the exact same text in exact same place/subclause, will not cause an implementation problem as the 2nd added text is not contradictory and is already there once 1st CR gets implemented, I will save us meeting and discussion time and just have the change as E/// requested.  Hope this helps.  I will give it some hours of time and then convert the rev1 to the official revision number and upload …. maybe just before today’s CC starts. |
|  |  | [CP-223214](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223214.zip) | Support for discovery of SNPNs with 5G connectivity support | OPPO, Intel, Lenovo | |  |  |
|  |  | [CP-223228](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223228.zip) | NAI format for 5G registration via trusted access using SNPN | Lenovo, Intel | | Revised to 3238 | The CR was objected during the meeting due to not being backward incompatible with rel-16 SNPN. Since rel-16 SNPN is identified by MNC, MCC, and NID, then proposed NAI for 5G registration via trusted non-3GPP access network if an SNPN is selected, should be correct |
|  |  | [CP-223238](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223238.zip) | NAI format for 5G registration via trusted access using SNPN | Lenovo, Intel | | Revised to 3264 | Rev 2: Created by CT4 chairman but never used.  Rev 3: Created for plenary.  Rev 4: Added more supporting companies.  **CT chair comment**: please avoid sending this kind of company CR directly to plenary if not discussed in the working group for an open release  **E///:**  The company CR in CP-223238 needs to be revised.  The 2nd bullet b) of CP-223238 fails to mention that <MNC> and <MCC> could also identify an SNPN. This could be done e.g., by the following proposed change:  b) the <MNC> and <MCC> identify the PLMN (either HPLMN or VPLMN) or the SNPN (either subscribed SNPN or non-subscribed SNPN) to which the UE attempts to connect via the trusted non-3GPP access as described in clause 6.3.12 of 3GPP TS 23.501 [119]; and  **Nokia:**  Could you clarify the case where <MNC> and <MCC> could also identify an SNPN? In which assignment mode is it supported?  **E///:**  The SNPN identity consists of all of MCC, MNC and NID.  23.122 1.2 states:  SNPN identity: a PLMN ID and an NID combination  After further discussion, the CR is updated to take into account all the comments. |
|  |  | [CP-223264](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223264.zip) | NAI format for 5G registration via trusted access using SNPN | Lenovo, Intel | |  |  |
|  |  |  |  |  | |  |  |
| **19** | **Specifications in TSG-CT domain** |  |  |  | |  | * MCC Specification status lists, specs per release etc. * Specifications for approval * Specifications for information |
| **19.1** | **Specification status** |  |  |  | |  | Specification status |
|  |  |  |  |  | |  |  |
| **19.2** | **3GPP TS/TR for information** |  |  |  | |  | Specifications for information |
|  |  |  |  |  | |  |  |
| **19.3** | **3GPP TS/TR for approval** |  |  |  | |  | Specifications for approval |
|  |  |  |  |  | |  |  |
| **20** | **TSG CT work organization** |  |  |  | |  | * Miscellaneous administrative topics for decision or information, like: * Election of officials * Terms of Reference * Requests for CT plenary advice * Updates to drafting rules and working methods |
| **20.1** | **Election of CT officials** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **20.2** | **Principles for work organization within CT** |  |  |  | |  |  |
|  |  | [CP-223259](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223259.zip) | Administrivia | CT Chair | | Noted |  |
| **20.3** | **Terms of Reference** |  |  |  | |  | Updates to Terms of Reference for CT or CT-WGs |
|  |  |  |  |  | |  |  |
| **20.4** | **Support Arrangements** |  |  |  | |  |  |
|  |  | [CP-223011](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223011.zip) | Support Team Report | MCC/Issam | |  |  |
|  |  |  |  |  | |  |  |
| **20.5** | **Working methods** |  |  |  | |  | Updates to drafting rules or working methods |
|  |  | [CP-223243](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223243.zip) | Proposed new WID template | ETSI MCC (Work Plan Manager) | |  |  |
| **20.6** | **Future Meeting Schedule** |  |  |  | |  | Overview of upcoming meetings for CT and CT-WGs |
|  |  |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **21** | **Review of 3GPP Work Plan** |  |  |  | |  | Review of the 3GPP work plan |
|  |  | [CP-223012](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223012.zip) | Work Plan | MCC/Alain | |  |  |
|  |  | [CP-223242](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223242.zip) | TR 21.917 v.2.0.0 on Release 17 Summary | ETSI MCC (Work Plan Manager) | |  | TR 21.917 summarises all the Release 17 Features and other significant Work Items.  It is based on contributions from the rapporteurs: each rapporteur has provided a summary, as listed in the annex.  Thanks to the amazing work of the entire 3GPP community, and in particular of all the Rel-17 rapporteurs, who have provided more than 100 summaries, this TR is now completed. |
|  |  | [CP-223265](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223265.zip) | CT view on Rel-18 Planning | CT Chair | | Revised to 3274 |  |
|  |  | [CP-223274](https://www.3gpp.org/ftp/tsg_ct/TSG_CT/TSGC_98e/Docs/CP-223274.zip) | CT view on Rel-18 Planning | CT Chair | |  |  |
|  |  |  |  |  | |  |  |
| **22** | **Any other business** |  |  |  | |  |  |
|  |  |  |  |  | |  |  |
| **23** | **Close of Meeting** |  |  |  | |  | **Meeting closes on Wed, Dec 14, 21h30 UTC** |