**3GPP TSG CT WG1 Meeting#126-e** **C1-205803**

**Electronic meeting, 15-23 October 2020**

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| Meeting documents by agenda item  Meeting: Meeting #126-e  Electronic meeting  15 - 23 October 2020  **All indicated times are UTC (except timestamps for comments during the e-meeting, which are in CEST)** | | | | | | | | | | |
| Cyan background means allocated but not available. | | | | | Yellow background means available but not yet treated document. | Green background means this document was agreed at a revious meeting in this plenary cycle. | | | | White background means that the document has been handled in the meeting and a decision has been made. |
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|  | | Additional Colour coding for Tdocs in the 1st row | | | | | | | | |
|  | | Late Papers | | | | | | | | |
|  | | Easy and uncontroversial papers – can be presented within 2 minutes | | | | | | | | |
|  | | Papers for common sessions | | | | | | | | |
|  | | Low Priority | | | | | | | | |
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| Agenda item | Agenda item title | | Tdoc | Title | | | Source | Spec | Result | |
|  | Opening & welcome | | Tdoc | Title | | | Source | Spec | Result | |
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|  |  | | **IPR Policy** Reminder to Individual Members and the persons making the technical proposals about their obligations under their respective Organizational Partners IPR Policy:    I draw your attention to your obligations under the 3GPP Partner Organizations' IPR policies. Every Individual Member organization is obliged to declare to the Partner Organization or Organizations of which it is a member any IPR owned by the Individual Member or any other organization which is or is likely to become essential to the work of 3GPP. | | | | | | | |
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|  |  | | **Antitrust & Competition** I also draw your attention to the fact that 3GPP activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required of any participant of this TSG/WG meeting including the Chair and Vice Chairman. In case of question I recommend that you contact your legal counsel.  The leadership shall conduct the present meeting with 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. | | | | | | | |
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|  |  | | **Usage if WiFi**  During 3GPP meetings, IT support staff have noticed an increasing amount of RF pollution from private, ad hoc, wireless networks (Wi-Fi Direct, hot-spots hosted on mobile phones, …), and this gives rise to reduced throughput capability of the 3GPP WLAN. I would like to remind delegates to disable all such non-3GPP Wi-Fi networks while they are in the meeting rooms or adjacent areas. This will allow the quality of connection to the 3GPP Wi-Fi network which delegates have a right to expect. | | | | | | | |
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|  |  | | Please remember:  - to perform the electronic registration before end-of-meeting  - to wear your badge | | | | | | | |
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|  | Agenda & Reports | | Tdoc | Title | | | Source | Doctype | Result & comments | |
|  |  | | C1-205800 | 3GPP TSG CT1#126-e – agenda for Tdoc allocation | | | CT1 chair | agenda |  | |
|  |  | | C1-205801 | 3GPP TSG CT1#126-e – agenda after Tdoc allocation deadline | | | CT1 chair | agenda |  | |
|  |  | | C1-205802 | 3GPP TSG CT1#126-e – agenda with proposed LS-actions | | | CT1 chair | agenda |  | |
|  |  | | C1-205803 | 3GPP TSG CT1#126-e – agenda at start of meeting | | | CT1 chair | agenda |  | |
|  |  | | C1-205804 | 3GPP TSG CT1#126-e – agenda Thursday (22 oct) evening | | | CT1 chair | agenda |  | |
|  |  | | C1-205805 | 3GPP TSG CT1#126-e – agenda at end of meeting | | | CT1 chair | agenda |  | |
|  |  | | C1-205806 | draft C1-125e report | | | MCC | report |  | |
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|  |  | |  |  | | |  |  | Highest number C1-206449 | |
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|  |  | | **Agenda**  Start of e-meeting: Thursday 15th October 07:00 UTC  **Comment Free Time** Thursday 22nd Ocotober 10:00 - 14:00 UTC  Last revision upload: Thursday 22nd Ocotober 14:00 UTC  Last comments: Friday 23rd October 14:00 UTC  1 Opening  2 Agenda and Reports  3 work organization  4 incoming LS (23)  **Rel-14 and earlier:**  8.1 all work items (0)  8.2 all work items (0)  9.1 all work items (1+7)  9.2 all work items (0)  10.1 all work items (0)  10.2 all work items (0)  11.1 all work items (0)  11.2 all work items (0)  12.1 all work items (1+5)  12.2 all work items (0)  13.1 all work items (1+4)  13.2 all work items (0)  13.3 all work items (0)  14.1 all work items (1+2)  14.2 all work items (1+3)  14.3 all work items (0)  **Rel-15:**  15.1 all work items (0)  15.2 all work items (1+2)  15.3 all work items (4)  **Rel-16:**  **Agenda Items from 16.1**  16.1.x (0)  **Agenda Items from 16.2**  16.2.2 SINE\_5G (1+1)  16.2.3 SAES16 (all aspects) (0)  16.2.4 5GProtoc16 (all aspects) (21+19)  16.2.5 ATSSS (16+3)  16.2.6 eNS (29+15)  16.2.7.x vertical-LAN (31+13)  16.2.8 5G\_CIoT (14+12)  16.2.9 5WWC (7+7)  16.2.11 5G\_eLCS (0)  16.2.14 RACS (4+3)  16.2.15 5G\_SRVCC (0)  16.2.16 xBDT (0)  16.2.17 IAB-CT (0)  16.2.18 5GS\_OTAF (0)  16.2.19 5G\_URLLC (0)  16.2.21 Rel-16 non-IMS issues (4+3)  16.2.1 ePWS (0)  16.2.10 PARLOS (1+1)  16.2.12 V2XAPP (25)  16.2.13 eV2XARC (40)  16.2.20 SEAL (12)  **Agenda Items from 16.3**  16.3.1 MCCI\_CT (1)  16.3.2 MCProtoc16 (2+1)  16.3.5 void (2+1)  16.3.6 eMCDATA2 (0)  16.3.10 MONASTERY2 (0)  16.3.12 enh2MCPTT-CT (0)  16.3.3 MuD (0)  16.3.4 IMSProtoc16 (0)  16.3.7 E2E\_DELAY (0)  16.3.8 VBCLTE (0)  16.3.11 eIMS5G\_SBA (0)  16.3.13 eIMSVideo (0)  16.3.14 IMS/MC TEI16 (0)  **Rel-17:**  **Agenda Items from 17.1**  17.1.1 (12)  17.1.2 (7)  17.1.3 (1)  17.1.4 (0)  **Agenda Items from 17.2**  17.2.1 SAES17 (all aspects) (6)  17.2.2 5GProtoc17 (all aspects) (122)  17.2.3 eCPSOR\_CON (11)  17.2.4 5GSAT\_ARCH-CT (12)  17.2.5 SMS\_SBI (0)  17.2.6 AKMA-CT (6)  17.2.7 PAP/CHAP (2)  17.2.8 TEI17 (11)  **Agenda Items from 17.3**  17.3.1 IMSProtoc17 (1)  17.3.2 MCProtoc17 (15)  17.3.3 FS\_eIMS5G (6)  17.3.4 MuDe (15)  17.3.5 MPS2 (2)  17.3.6 eMCData3 (3)  17.3.7 MCSMI\_CT (0)  17.3.8 eMCCI\_CT (0)  17.3.9 enh3MCPTT-CT (1)  17.3.10 eMONASTERY2 (2)  17.3.12 TEI17 (5)  18 outgoing LS (12) | | | | | | | |
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|  | Work organisation | | Tdoc | Title | | | Source | To / CC | Result & comments | |
|  | Meeting schedule | |  |  | | | | | | |
|  |  | |  | CT1 and CT plenary meeting dates. | | | | | | |
|  |  | |  | Date | | | Meeting | | Venue | |
|  |  | |  | *13 – 17 January* | | | [*CT1-Potential Ad-Hoc*](https://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=36254) | | *cancelled* | |
|  |  | |  | 16 – 22 January | | | CT1#121bis-e | | Electronic Meeting | |
|  |  | |  | *24 – 28 February* | | | *CT1#122* | | *cancelled* | |
|  |  | |  | 20 – 28 February | | | CT1#122-e | | Electronic Meeting | |
|  |  | |  | 16 – 17 March 2020 | | | CT plenary #87-e | | Electronic Meeting | |
|  |  | |  | *20 – 24 April* | | | *CT1#123* | | *cancelled* | |
|  |  | |  | 16 – 24 April | | | CT1#123-e | | Electronic Meeting | |
|  |  | |  | *25 – 29 May* | | | *CT1#124* | | *cancelled* | |
|  |  | |  | 02 – 10 June | | | CT1#124-e | | Electronic Meeting | |
|  |  | |  | 29 June – 1 July. 2020 | | | CT plenary #88-e | | Electronic Meeting | |
|  |  | |  | *13 – 17 July* | | | [*CT1-Potential Ad-Hoc*](https://portal.etsi.org/webapp/MeetingCalendar/MeetingDetails.asp?m_id=36254) | | *cancelled* | |
|  |  | |  | *24 – 28 August* | | | *CT1#125* | | *cancelled* | |
|  |  | |  | 20 – 28 August | | | CT1#125-e | | Electronic Meeting | |
|  |  | |  | 14 – 16 September 2020 | | | CT plenary #89e | | Electronic Meeting | |
|  |  | |  | 12 – 16 October | | | CT1#126 | | *F2F cancelled* | |
|  |  | |  | 15 – 23 October | | | CT1#126-e | | Electronic Meeting | |
|  |  | |  | 16 – 20 November | | | CT1#127 | | *F2F cancelled* | |
|  |  | |  | 13 – 20 November | | | CT1#127-e | | Electronic Meeting | |
|  |  | |  | 7 – 9 December 2020 | | | CT plenary #90e | | Electronic Meeting | |
|  |  | |  | 25 – 29 January 2021 | | | CT1#127bis | | tbd | |
|  |  | |  | 01- 05 March 2021 | | | CT1#128 | | tbd | |
|  |  | |  | 22 – 24 March 2021 | | | CT plenary #91e | | Electronic Meeting | |
|  |  | |  | 19 – 23 April 2021 | | | CT1#129 | | Tbd | |
|  |  | |  | 24 – 28 May 2021 | | | CT1#130 | | Tbd | |
|  |  | |  | 14 – 16 June 2021 | | | CT plenary #92e | | Electronic Meeting | |
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|  | Work Plan and other adm. issues | | Tdoc | Title | | | Source | Spec / doctype | Result & comments | |
|  |  | | [C1-205807](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205807.zip) | work plan | | | MCC | Work Plan |  | |
|  |  | | [C1-205870](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205870.zip) | Decision making– Show of hands via email | | | CT1 Chair | other |  | |
|  |  | | [C1-205893](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205893.zip) | CT1#126-e – Process and Scope | | | CT1 Chair | other |  | |
|  |  | | [C1-206042](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206042.zip) | Update of CT1 Terms of Reference (ToR) | | | CT1 Chair | ToR |  | |
|  |  | | [C1-206067](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206067.zip) | CT1 Planning | | | CT1 Chair | other |  | |
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|  | Input Liaison statements | | Tdoc | Title | | | Source | To / CC | Result & comments | |
|  |  | | [C1-205849](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205849.zip) | LS Reply on Media Feature Tag for IMS Data Channel (C3-204168) | | | CT3 | Cc | Proposed Noted | |
|  |  | | [C1-205850](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205850.zip) | LS on Clarification on using PAP/CHAP for 5GS (C3-204434) | | | CT3 | To | Proposed tbd  Disc paper in C1-205940, Draft reply in C1-205941 | |
|  |  | | [C1-205851](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205851.zip) | LS on Counter of UEs Registering Network Slice (C4-204421) | | | CT4 | Cc | Proposed Noted | |
|  |  | | [C1-205852](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205852.zip) | LS Reply on SA WG2 assumptions on architecture aspects for using satellite access in 5G (R2-2008229) | | | RAN2 | Cc | Proposed Noted  Related with C1-205856 | |
|  |  | | [C1-205853](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205853.zip) | Reply LS on early UE capability retrieval for eMTC (R2-2008238) | | | RAN2 | Cc | Proposed Noted  Related CR in C1-205905 | |
|  |  | | [C1-205854](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205854.zip) | Response LS to TSG SA on mandatory support of full rate user plane integrity protection for 5G ( R2-2008643) | | | RAN2 | To | Proposed Noted  Related CRs in C1-205816, C1-205817 | |
|  |  | | [C1-205855](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205855.zip) | Reply LS on mandatory support of full rate user plane integrity protection for 5G (R3-205653) | | | RAN3 | To | Proposed Noted  No action for CT1 | |
|  |  | | [C1-205856](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205856.zip) | Reply LS on SA WG2 assumptions from conclusion of study on architecture aspects for using satellite access in 5G (R3-205795) | | | RAN3 | To | Proposed Noted  Wait for SA2 and RAN2 progress | |
|  |  | | [C1-205872](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205872.zip) | LS on two consecutive invalid challenges (R5-204362) | | | RAN5 | To | Proposed tbd  Draft reply in C1-206262 | |
|  |  | | [C1-205873](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205873.zip) | LS on MCS group document subscription procedures (R5-204383) | | | RAN5 | To | Proposed tbd  Draft reply in C1-206108 | |
|  |  | | [C1-205874](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205874.zip) | Reply LS on human-readable network name (HRNN) (S1- 203272) | | | SA1 | To | Proposed Noted  Related CRs in C1-205962, C1-205963 | |
|  |  | | [C1-205875](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205875.zip) | Reply LS on service area restriction for CIoT 5GS optimization (S1-203274) | | | SA1 | Cc | Proposed Noted  related disc in C1-206121 and CRs in C1-206123, C1-206125 | |
|  |  | | [C1-205876](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205876.zip) | Reply LS on human-readable network name (HRNN) (S2-2005911) | | | SA2 | To | Proposed Noted  SA1 answer in C1-205874, SA2 just informal. | |
|  |  | | [C1-205877](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205877.zip) | Reply LS on Updated User Plane Integrity Protection advice (S2-2006180) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-205882](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205882.zip) | LS on mandatory support of full rate user plane integrity protection for 5G (S2-2006181) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-205883](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205883.zip) | Reply LS on assistance indication for WUS (S2-2006499) | | | SA2 | Cc | Proposed Noted | |
|  |  | | [C1-205884](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205884.zip) | Reply LS on the stage 2 aspects of MINT (SP-200880) | | | TSG SA | To | Proposed Noted  When our study is completed, then CT1 should consult with SA and SA2 on how to proceed with normative work  SID proposal in C1-206290 | |
|  |  | | [C1-205885](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205885.zip) | LS on 5G GUTI re-allocation (SP-200883) | | | TSG SA | To | Proposed Noted  Related CRs in C1-205918, C1-205922 | |
|  |  | | [C1-205886](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205886.zip) | Reply LS on Key Management procedure in SEAL (S3-202177) | | | SA3 | Cc | Proposed Noted | |
|  |  | | [C1-205887](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205887.zip) | Reply LS on Reply PAP/CHAP and other point-to-point protocols usage in 5GS (S3-202190) | | | SA3 | To | Proposed Noted  Note in the CT WID refers to this LS | |
|  |  | | [C1-205888](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205888.zip) | Reply LS on LS on 5G SoR integrity protection mechanism (S3-202251) | | | SA3 | Cc | Proposed Noted | |
|  |  | | [C1-205889](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205889.zip) | LS on information of stage 3 aspects for AKMA (CP-202255) | | | TSG CT | Cc | Proposed Noted | |
|  |  | | [C1-205894](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205894.zip) | LS on Cell Configuration within TA/RA to Support Allowed NSSAI (S2-2006526) | | | SA2 | To | Proposed tbd  proposed LS out in C1-205923, C1-206161 | |
|  |  | | [C1-206449](https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_126e/Docs/C1-206449.zip) | Reply LS on ETSI Plugtest reports | | | UPV/EHU (ETSI MCX Plugtests) |  | Proposed tbd | |
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|  | void | |  |  | | |  |  | Release 5 is closed | |
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|  | void | |  |  | | |  |  | Release 6 is closed | |
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|  | void | |  |  | | |  |  | Release 7 is closed | |
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|  | Release 8  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-8 IMS Work Items and issues:  MRFC  MRFC\_TS  UUSIW  PktCbl-Intw  PktCbl-Deploy  PktCbl-Sec  NBA  OAM8-Trace  Overlap  PRIOR  IMS\_RP  PNM  IMSProtoc2  IMS\_Corp  ICSRA  IMS-Cont  MAINT\_R1  MAINT\_R2  REDOC\_TIS-C1  REDOC\_3GPP2  CCBS-CCNR CW-IMS  FA  CAT-SS  TEI8 (IMS related issues)  + all other IMS related issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  AS – MRFC protocol (This covers both the study item and the work item)  User – User Signalling interworking  Packetcable - Protocol enhancements  Packetcable - Regulatory requirements  Packetcable - Security requirements  NASS Bundled Authentication  Service level tracing in IMS  CT1 aspects of overlap signaling  Multimedia priority service  IMS restoration procedures  Personal Network Management (stage 2 and 3)  IP Multimedia Core Network Subsystem - IMS Stage3 Protocol Evolution for Rel-8  IMS corporate network access  IMS centralized service control  IMS Service Continuity  TISPAN R1 and R2 maintenance  3GPP and 3GPP2 re-documentation  IMS supplementary services:  Call Completion on Busy Subscriber (CCBS) / Call Completion on Non-Reachable (CCNR) in IMS Communication Waiting in IMS  Flexible alerting in IMS  Customized alerting tone in IMS | |
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|  | Rel-8 non-IMS Work Items and issues:  SAES  SAES-CSFB  SAES-SRVCC  HomeNB-LTE HomeNB-3G  ETWS  PPACR-CT1  EData  IWLANNSP  EVA  IWLAN\_Mob  TEI8 (non-IMS)  + all other non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  SAE issues  CS-Fallback  SRVCC  CSG, HomeeNB and HomeNB  Earthquake and tsunami warning systems  Paging Permission with Access Control  Data transfer during an emergency call  WLAN Network Selection Principles  Enhancements for VGCS applications  Mobility between 3GPP-WLAN Interworking and 3GPP Systems | |
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|  | Release 9  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-9 IMS Work Items and issues:  Work Items:  CRS  eCAT-SS  eMMTel-CC  IMSProtoc3  IMS\_SCC-SPI  IMS\_SCC-ICS  IMS\_SCC-ICS\_I1  EMC2  MEDIASEC\_CORE  PAN\_EPNM  IMS\_EMER\_GPRS\_EPS  IMS\_EMER\_GPRS\_EPS-SRVCC  TEI9 (IMS related)  + all other Rel-9 IMS issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  IMS Supplementary services  IMS Customized Ringing Signal Service  Enhancements of IMS Customized Alerting Tone (CAT) Service  Enhancements for Completion of Communications Supplementary service  IMS Stage-3 IETF Protocol Alignment  IMS Service Continuity Enhancements: Service, Policy, Interactions, and Inter UE Transfer  Enhancements to IMS Centralized Services  IMS Centralized Services support via I1 interface  Definition of Ml interface for Control Plane LCS  IMS Media Plane Security  Support of Personal Area Networks and Enhancements to Personal Network Management  Emergency Call Enhancements for IP& PS Based Calls – stage 3 IMS part  SRVCC support for IMS Emergency Calls | |
|  |  | | [C1-205971](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205971.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0066 24.183 Rel-9 |  | |
|  |  | | [C1-205972](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205972.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0067 24.183 Rel-10 |  | |
|  |  | | [C1-205973](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205973.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0068 24.183 Rel-11 |  | |
|  |  | | [C1-205974](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205974.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0069 24.183 Rel-12 |  | |
|  |  | | [C1-205975](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205975.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0070 24.183 Rel-13 |  | |
|  |  | | [C1-205976](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205976.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0071 24.183 Rel-14 |  | |
|  |  | | [C1-205977](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205977.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0072 24.183 Rel-15 |  | |
|  |  | | [C1-205978](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205978.zip) | Remove the resolved EN about IANA registration of g.3gpp.crs | | | Huawei, HiSilicon | CR 0073 24.183 Rel-16 |  | |
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|  | Rel-9 non-IMS Work Items and issues:  IMS\_EMER\_GPRS\_EPS (non-IMS)  SSAC  VAS4SMS  PWS-St3  eANDSF  MUPSAP  LCS\_EPS-CPS  EHNB-CT1  TEI9 (non-IMS issues)  + all other Rel-9 non-IMS issues | |  | Peter - Main | | |  |  | All WIs completed  Support for IMS Emergency Calls over GPRS and EPS  Service Specific Access Control Requirements  Value-Added Services for Short Message Service  Public Warning System (PWS)  ANDSF while roaming  Multiple PDN Connection to the Same APN for PMIP-based Interfaces  Multiple PDN Connection to the Same APN for PMIP-based Interfaces  Control Plane LCS in the EPC  EHNB-issues for Rel-9 | |
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|  | Release 10  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-10 IMS Work Items and issues:  Work Items:  IMS\_SC\_eIDT  CCNL  eAoC  OMR  IESE  eSRVCC  aSRVCC  AT\_IMS  IMSProtoc4  + all other Rel-10 IMS issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  IMS Inter-UE Transfer enhancements  Call Completion on Not Logged-in  AoC enhancements  Optimal Media Routing  IMS Emergency Session Enhancements  SRVCC enhancements  SRVCC in alerting phase  AT Commands for IMS-configuration  IMS Stage-3 IETF Protocol Alignment | |
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|  | Rel-10 non-IMS Work Items and issues:  Work Items:  ECSRA\_LAA-CN  eMPS-CN  NIMTC  AT\_UICC  SMOG-St3  IFOM-CT  LIPA  SIPTO  MAPCON-St3  TIGHTER  MOCN-GERAN  + all other Rel-10 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  Enabling Coder Selection and Rate Adaptation for UTRAN and E-UTRAN for Load Adaptive Applications, CN impacts  Enhancements for Multimedia Priority Service  Network Improvements for Machine Type Communications  AT Commands for USAT  S2b Mobility based on GTP  IP Flow Mobility and WLAN offload  Local IP Access  Selected IP Traffic Offload  Multi Access PDN Connectivity  Tightened Link Level Performance Requirements for Single Antenna MS  Support of Multi-Operator Core Network by GERAN | |
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|  | Release 11  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-11 IMS Work Items and issues:  Work Items:  USSI  IOI\_IMS\_CH  RLI  IPXS  VINE-CT  MRB  GINI  RAVEL-CT  IOC  IODB  GBA-ext-St3  NWK-PL2IMS-CT  MMTel\_T.38\_FAX  vSRVCC-CT  rSRVCC-CT  ATURI  IMSProtoc5  + all other Rel-11 IMS issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  USSD Simulation Service  IMS Interconnection Charging Enhancements for transit scenarios in multi operator environments  CT1 aspects of RLI  Advanced Interconnection of Services  Supp. 3G Voice Interworking w. Enterprise IP-PBX  Inclusion of Media Resource Broker  Support of RFC 6140 in IMS  Roaming Architecture for VoIMS w Local Breakout  IMS Overload Control  Operator Determined Barring  GBA Extension for re-use of SIP Digest credentials  Network Provided Location Information for IMS  Enhanced T.38 FAX support  SRVCC for 3G-CS  SRVCC from UTRAN/GERAN to E-UTRAN/HSPA  AT Commands for URI Support  IMS Stage-3 IETF Protocol Alignment | |
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|  | Rel-11 non-IMS Work Items and issues:  Work Items:  RT\_VGCS\_Red  SIMTC  SIMTC-CS  SIMTC-RAN\_OC  SIMTC-Reach  SIMTC-Sig  SIMTC-CN\_Pow  SIMTC-PS\_Only  BBAI  BBAI-BBI  BBAI-BBII  BBAI-BBIII  Full\_MOCN-GERAN  RT\_ERGSM  DIDA  SAMOG\_WLAN- CN  eNR\_EPC  PROTOC\_SMS\_SGs  SAES2  SAES2-CSFB  + all other Rel-11 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  GCSMSC and GCR Redundancy for VGCS/VBS  System Improvements to Machine-Type Communications   * CS aspects for CT groups * Extended Access Barring for UTRAN and E-UTRAN for CT groups * Reachability Aspects * Signalling Optimizations * "CN-based" and power considerations   BroadBand Forum Accesses Interworking -  Building Block I, II and III  Full Support of Multi-Operator Core Network  Introduction of ER-GSM band for GSM-R  Data identification in ANDSF  Mobility based on GTP & PMIPv6 for WLAN access to EPC  enhanced Nodes Restoration for EPC  Enhancement of the Protocols for SMS over SGs  SAE Protocol Development | |
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|  | Release 12  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-12 IMS Work Items and issues:  bSRVCC  SMSMI-CT  TURAN-CT  IMS\_TELEP  eDRVCC  EMC\_PC  IMS\_RegCon-CT  BusTI-CT  UP6665  eIODB  IMS\_WebRTC  IMS\_Corp2  NNI\_RS  USSD\_MS  USSI-NET  RFC7044  FS\_NNI\_RS  eMEDIASEC-CT  IMS\_SSFDD  CVO-CT  SIS\_CT  FS\_REVOLTE\_IMS  NETLOC\_TWAN\_CT  ALTC  PCSCF\_RES  EVS\_codec-CT  IMSProtoc6  TEI12 (IMS related issues)  + all other Rel-12 IMS related issues | |  | Jörgen – Breakout | | |  |  | All WIs completed  Single Radio Voice Call Continuity (SRVCC) before ringing  SMS submit and delivery without MSISDN in IMS  Tunnelling of UE Services over Restrictive Access Networks  IMS-based Telepresence (Stage 3)  Dual-Radio VCC (DRVCC) enhancements  IMS Emergency PSAP Callback  CT aspects of IMS registration control  CT Aspects of IMS Business Trunking for IP-PBX in Static Mode of Operation  Updating IMS to conform to RFC 6665  Enhancements to IMS Operator Determined Barring  Web Real Time Communication (WebRTC) Access to IMS  Transfer of ETSI business trunking specifications  Indication of NNI Routeing scenarios in SIP requests  USSD method selection - stage-3  Network Initiated USSD Simulation Services in IMS  SI: Evaluation and introduction of RFC 7044 (History-Info)  Indication of NNI Routeing scenarios in SIP requests  CT aspects of Extended IMS media plane security  IM-SSF Application Server Service Data Descriptions  CT Aspects of Coordination of Video Orientation  CT Aspects of Signalling of Image Size  Technical Aspects on Roaming End to End scenarios with VoLTE IMS and other networks  CT aspects of Network Provided Location Information for IMS Trusted WLAN Access Network  Support of ALT-C attribute  P-CSCF restoration enhancements  CT Impacts of Codec for Enhanced Voice Services  IMS Stage-3 IETF Protocol Alignment | |
|  |  | | [C1-206068](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206068.zip) | Reference update: RFC 8898 | | | Ericsson / Nevenka | CR 0100 24.371 Rel-12 | Revision of C1-205818 | |
|  |  | | [C1-206069](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206069.zip) | Reference update: RFC 8898 | | | Ericsson / Nevenka | CR 0101 24.371 Rel-13 | Revision of C1-205819 | |
|  |  | | [C1-206070](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206070.zip) | Reference update: RFC 8898 | | | Ericsson / Nevenka | CR 0102 24.371 Rel-14 | Revision of C1-205820 | |
|  |  | | [C1-206071](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206071.zip) | Reference update: RFC 8898 | | | Ericsson / Nevenka | CR 0103 24.371 Rel-15 | Revision of C1-205821 | |
|  |  | | [C1-206072](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206072.zip) | Reference update: RFC 8898 | | | Ericsson / Nevenka | CR 0104 24.371 Rel-16 | Revision of C1-205822 | |
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|  | Rel-12 non-IMS Work Items and issues:  LIMONET-LIPA  REP-WMD  MTCe-UEPCOP-CT  ProSe-CT  SINE  SCM\_LTE-CT  UTRA\_LTE\_WLAN\_interw-CT  OPIIS-CT  eSaMOG\_St3  WORM-CT  WLAN\_NS-CT  LIMONET-SIPTO  Dia\_SGSN\_SMS  GCSE\_LTE-CT  MSRD\_VAMOS (GERAN)  DMCG (GERAN)  NewToN (GERAN)  SAES3  SAES3-CSFB  SAES3-non3GPP  TEI12 (non-IMS)  + all other Rel-12 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  Core Network aspects of LIPA Mobility  Reporting Enhancements in Warning Message Delivery  UE Power Consumption Optimizations, stage 3  CT aspects of Proximity-based Services  Signalling Improvements for Network Efficiency  CT aspects of Smart Congestion Mitigation in E-UTRAN  CT aspects of WLAN/3GPP Radio Interworking  Operator Policies for IP Interface Selection  Enhanced S2a Mobility Over Trusted WLAN access to EPC for Stage 3  Optimized Offloading to WLAN in 3GPP RAT mobility  CT aspects of WLAN network selection for 3GPP terminals  Core Network aspects of SIPTO at the local network  Diameter based interface between SGSN and SMS central functions  CT aspects of Group Communication System Enablers for LTE  CT1 introduction of MS capability support for MS supporting MSRD for VAMOS  CT part: Downlink Multi Carrier GERAN  CT1 part of New Training Sequence Codes (TSC) for GERAN  general Stage-3 SAE Protocol Development  Stage-3 SAE Protocol Development related to Circuit Switched Fall Back  Stage-3 SAE Protocol Development related to non-3GPP access | |
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|  | Release 13  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-13 Mision Critical Work Items and issues:  MCPTT-CT MPTT-Prof | |  | Jörgen – Breakout on MC | | |  |  | All WIs completed  Mission Critical Push-To-Talk over LTE   * MCPTT call control protocol * MCPTT floor control protocol   Mission Critical general work   * Group management * Identity management * Management Object (MO) * Configuration management   IMS Profile to support Mission Critical Push To Talk over LTE | |
|  |  | | [C1-206097](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206097.zip) | Correction for ambient listening R13 | | | FirstNet / Mike | CR 0278 24.380 Rel-13 |  | |
|  |  | | [C1-206098](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206098.zip) | Correction for ambient listening R14 | | | FirstNet / Mike | CR 0279 24.380 Rel-14 |  | |
|  |  | | [C1-206099](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206099.zip) | Correction for ambient listening R15 | | | FirstNet / Mike | CR 0280 24.380 Rel-15 |  | |
|  |  | | [C1-206100](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206100.zip) | Correction for ambient listening R16 | | | FirstNet / Mike | CR 0281 24.380 Rel-16 |  | |
|  |  | | [C1-206101](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206101.zip) | Correction for ambient listening R17 | | | FirstNet / Mike | CR 0282 24.380 Rel-17 |  | |
|  |  | | C1-206165 | Correction for ambient listening R13 | | | FirstNet / Mike | CR 0283 24.380 Rel-13 | Withdrawn | |
|  |  | | C1-206166 | Correction for ambient listening R14 | | | FirstNet / Mike | CR 0284 24.380 Rel-14 | Withdrawn | |
|  |  | | C1-206167 | Correction for ambient listening R15 | | | FirstNet / Mike | CR 0285 24.380 Rel-15 | Withdrawn | |
|  |  | | C1-206168 | Correction for ambient listening R16 | | | FirstNet / Mike | CR 0286 24.380 Rel-16 | Withdrawn | |
|  |  | | C1-206169 | Correction for ambient listening R17 | | | FirstNet / Mike | CR 0287 24.380 Rel-17 | Withdrawn | |
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|  | Rel-13 IMS Work Items and issues:  voE-UTRAN \_PPD-CT  QOSE2EMTSI-CT  DRuMS-CT  RTCP-MUX  IMSProtoc7  PCSCF\_RES\_WLAN  INNB\_IW  mSRVCC  eWebRTCi\_CT  ROI-CT TEI13 (IMS related issues)  + all other Rel-13 IMS related issues | |  | Jörgen – Breakout on IMS | | |  |  | All WIs completed  Voice over E-UTRAN Paging Policy Differentiation  QoS End to End MTSI extensions  Double Resource Reuse for Multiple Media Sessions  Support of RTP / RTCP transport multiplexing (signalling) in IMS  IMS Stage-3 IETF Protocol Alignment for Rel-13  P-CSCF Restoration Enhancements with WLAN  Interworking solution for Called IN number and original called IN number ISUP parameters  Message interworking during PS to CS SRVCC  Enhancements to WEBRTC interoperability stage 3  Video Enhancements by Region-Of-Interest information signalling | |
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|  | Rel-13 non-IMS Work Items and issues:  eProSe-Ext-CT  RISE  WSR\_EPS  ePCSCF\_WLAN  SAES4  SAES4-CSFB  SAES4-non3GPP  EVSoCS-CT  MONTE-CT  MEI\_WLAN  ASI\_WLAN  NBIFOM-CT  GROUPE-CT  eDRX-CT  SEW1-CT  CIoT-CT  NB\_IOT  EC-GSM-IoT  EASE\_EC\_GSM  DECOR-CT  TEI13 (non-IMS)  + all other Rel-13 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  Enhancements to Proximity-based Services extensions  Retry restriction for Improving System Efficiency  Warning Status Report in EPS  Enhanced P-CSCF discovery using signalling for access to EPC via WLAN  general Stage-3 SAE Protocol Development  Stage-3 SAE Protocol Development related to Circuit Switched Fall Back  Stage-3 SAE Protocol Development related to non-3GPP access  EVS in 3G Circuit-Switched Networks  Monitoring Enhancements CT aspects  Mobile Equipment signalling over the WLAN access  Authentication Signalling Improvements for WLAN  IP Flow Mobility support for S2a and S2b Interfaces  Group based Enhancements  CT aspects of extended DRX cycle for power consumption optimization  CT aspects of Support of Emergency services over WLAN – phase 1  CT1 aspects of WIs with IoT-functionality (WIs from C, RAN & SA  Dedicated Core Networks CT aspects | |
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|  | Release 14  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-14 Mision Critical Work Items and issues:  MCImp-MCVIDEO-CT MCImp-MCDATA-CT MCImp-eMCPTT-CT MCPTTProtoc1 | |  | Jörgen | | |  |  | All WIs completed  Mission Critical Video – CT aspects Mission Critical Data – CT aspects Enhancements for Mission Critical Push To Talk – CT aspects Technical enhancements for Mission Critical Push To Talk over LTE protocol aspects | |
|  |  | | [C1-206366](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206366.zip) | Correction of Content-Type description | | | Ericsson /Jörgen | CR 0019 24.582 Rel-14 |  | |
|  |  | | [C1-206371](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206371.zip) | Correction of Content-Type description | | | Ericsson /Jörgen | CR 0020 24.582 Rel-15 |  | |
|  |  | | [C1-206372](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206372.zip) | Correction of Content-Type description | | | Ericsson /Jörgen | CR 0021 24.582 Rel-16 |  | |
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|  | Rel-14 IMS Work Items and issues:  ISAT MMCMH\_Enh-CT IOC\_UE\_conf PWDIMS-CT IMSProtoc8 V8-CT RobVoLTE-CT REAS\_EXT CH14-DCCII-CT SPECTRE-CT TEI14 (IMS related issues)  + all other Rel-14 IMS related issues | |  | Jörgen – Breakout on IMS | | |  |  | All WIs completed  IMS Signalling Activated Trace CT1 aspects of MTSI Extension on Multi-stream Multiparty Improved operator control using new UE configuration parameters Password based service activation for IMS Multimedia Telephony service IMS Stage-3 IETF Protocol Alignment for Rel-14 CT Aspects of S8 Home Routing Architecture for VoLTE CT Aspects of Robust Call Setup for VoLTE subscriber in LTE SIP Reason header extension CT Aspects of Determination of Completeness of Charging Information in IMS User Controlled Spoofed Call Treatment | |
|  |  | | [C1-205866](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205866.zip) | IANA registration for Response-Source | | | Nokia, Nokia Shanghai Bell | CR 6443 24.229 Rel-14 | Revision of C1-205862 | |
|  |  | | [C1-205867](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205867.zip) | IANA registration for Response-Source | | | Nokia, Nokia Shanghai Bell | CR 6444 24.229 Rel-15 | Revision of C1-205863 | |
|  |  | | [C1-205868](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205868.zip) | IANA registration for Response-Source | | | Nokia, Nokia Shanghai Bell | CR 6445 24.229 Rel-16 | Revision of C1-205864 | |
|  |  | | [C1-205869](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205869.zip) | IANA registration for Response-Source | | | Nokia, Nokia Shanghai Bell | CR 6446 24.229 Rel-17 | Revision of C1-205865 | |
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|  | Rel-14 non-IMS Work Items and issues:  EIEI-CT NonIP\_GPRS-CT EWE-CT SAES5 SAES5-CSFB SAES5-non3GPP V2X-CT eDECOR-CT AT\_CIoT SEW2-CT ERP-CT AE\_enTV-CT CIoT-Ext-CT PS\_DATA\_OFF-CT TEI14 (non-IMS)  + all other Rel-14 non-IMS issues | |  | Peter – Main | | |  |  | All WIs completed  CT aspects of evolution to and interworking with eCall in IMS CT aspects for Non-IP for Cellular Internet of Things for 2G/3G-GPRS EIR check for WLAN access to EPC general Stage-3 SAE Protocol Development Stage-3 SAE Protocol Development related to Circuit Switched Fall Back Stage-3 SAE Protocol Development related to non-3GPP access CT aspects of V2X Services CT aspects of Enhancements of Dedicated Core Networks AT Commands for CIoT CT aspects of Support of Emergency services over WLAN – phase 2 Support of EAP Re-authentication Protocol for WLAN Interworking CT aspects of system architecture enhancements for TV service Core network aspects of extended Architecture support for CIoT CT aspects of PS data off function | |
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|  | Release 15  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Rel-15 Mission Critical work items and issues:  eMCVideo-CT  eMCDATA-CT  enhMCPTT-CT  MCProtoc15  MONASTERY  MBMS\_MCservices | |  | Jörgen | | |  |  | All work items complete  Enhancements to Mission Critical Video – CT aspects  Enhancements for Mission Critical Data – CT aspects  Enhancements for Mission Critical Push-to-Talk – CT aspects  Protocol enhancements for Mission Critical Services sion Critical Push-to-Talk – CT aspects  Mobile Communication System for Railways  MBMS usage for mission critical communication services | |
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|  | Rel-15 IMS work items and issues  5GS\_Ph1-IMSo5G  eCNAM-CT  FS\_PC\_VBC (CT3)  IMSProtoc9  bSRVCC\_MT  eSPECTRE  PC\_VBC (CT3)  TEI15 (IMS) | |  | Jörgen | | |  |  | All work items complete  IMS impact due to 5GS IP-CAN  CT aspects of Enhanced Calling Name Service  Study on Policy and Charging for Volume Based Charging  IMS Stage-3 IETF Protocol Alignment for Rel-15  SRVCC for terminating call in pre-alerting phase  Enhancements to Call spoofing functionality Policy and Charging for Volume Based Charging | |
|  |  | | [C1-205890](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205890.zip) | Correction of isub-encoding field name | | | Deutsche Telekom / Michael | CR 6447 24.229 Rel-15 |  | |
|  |  | | [C1-205891](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205891.zip) | Correction of isub-encoding field name | | | Deutsche Telekom / Michael | CR 6448 24.229 Rel-16 |  | |
|  |  | | [C1-205892](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205892.zip) | Correction of isub-encoding field name | | | Deutsche Telekom / Michael | CR 6449 24.229 Rel-17 |  | |
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|  | Rel-15 non-IMS/non-MC work items and issues  5GS\_Ph1-CT EDCE5-CT ProSe\_WLAN\_DD\_Stage3 VoWLAN-CT PS\_DATA\_OFF2-CT LTE\_LIGHT\_CON-CT AT\_CIoT-Ext SAES6 INOBEAR-CT TEI15 | |  | Peter | | |  |  | All work items complete  CT aspects on 5G System - Phase 1  EPC enhancements to support 5G New Radio via Dual Connectivity Inclusion of WLAN direct discovery technologies as an alternative for ProSe direct discovery Complementary Features for Voice services over WLAN PS Data Off Phase 2 CT aspects of signalling reduction to enable light connection for LTE AT Commands for CIoT-Ext Stage-3 SAE Protocol Development for Rel-15 Increasing the number of EPS bearers Other Rel-15 non-IMS topics | |
|  |  | | [C1-205940](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205940.zip) | Discussion on the use of secondary authentication/authorization vs the use of PAP/CHAP in 5GS | | | Qualcomm Incorporated / Lena | discussion Rel-15 |  | |
|  |  | | [C1-205983](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205983.zip) | Resolution of editor's notes under clauses 7.3.4 and 7.3.5 | | | Huawei, HiSilicon /Christian | CR 0162 24.502 Rel-15 |  | |
|  |  | | [C1-205984](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205984.zip) | Resolution of editor's notes under clauses 7.5.5 and 7.5.6 | | | Huawei, HiSilicon /Christian | CR 0163 24.502 Rel-15 |  | |
|  |  | | [C1-205985](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205985.zip) | Remove editor's notes under clause 7.7 | | | Huawei, HiSilicon /Christian | CR 0164 24.502 Rel-15 |  | |
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|  | Release 16  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Tdocs on Work Items | |  |  | | |  |  | Papers related to Rel-16 Work Items | |
|  | Work Item Descriptions | |  | Peter - Main | | |  |  | New and revised Work Item Descritpions  Rel-16 is frozen | |
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|  | CRs and Discussion Documents related to new or revised Work Items | |  | Peter - Main | | |  |  | CRs and Disc papers related to new Work Items  Rel-16 is frozen | |
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|  | Status of other Work Items | |  | Peter - Main | | |  |  | Status information on other relevant Rel-16 Work Items | |
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|  | Release 16 documents for information | |  | Peter - Main | | |  |  | Miscellaneous documents provided for information | |
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|  | WIs for common and SAE/5G | |  |  | | |  |  | WIs mainly targeted for common sessions or the SAE/5G breakout  **All work items complete** | |
|  | ePWS | |  | Lena – Main | | |  |  | CT aspects of enhancements of Public Warning System | |
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|  | SINE\_5G | |  | Peter – Main | | |  |  | Signalling Improvements for Network Efficiency in 5GS | |
|  |  | | [C1-206076](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206076.zip) | Correction to S-NSSAI based retry restriction | | | Huawei, HiSilicon, MediaTek Inc./Lin | CR 2576 24.501 Rel-16 | Revision of C1-205107 | |
|  |  | | [C1-206077](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206077.zip) | Correction to S-NSSAI based retry restriction | | | Huawei, HiSilicon, MediaTek Inc./Lin | CR 2690 24.501 Rel-17 |  | |
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|  | SAES16 WIs | |  | Peter – Main | | |  |  | Stage-3 SAE protocol pevelopment for Rel-16 | |
|  | SAES16 | |  | Peter – Main | | |  |  | General Stage-3 SAE protocol development | |
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|  | SAES16-CSFB | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development related to Circuit Switched Fall Back | |
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|  | SAES16-non3GPP | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development related to non-3GPP access | |
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|  | 5GProtoc16 WIs | |  | Peter – Main | | |  |  | Stage-3 5GS NAS protocol development for Rel-16 | |
|  | 5GProtoc16 | |  |  | | |  |  | General Stage-3 5GS NAS protocol development | |
|  |  | | [C1-205878](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205878.zip) | QoS parameter handling for the PDU session transfer between 3GPP and non-3GPP access | | | Apple | CR 2634 24.501 Rel-16 |  | |
|  |  | | [C1-205879](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205879.zip) | QoS parameter handling for the PDU session transfer between 3GPP and non-3GPP access | | | Apple | CR 2635 24.501 Rel-17 |  | |
|  |  | | [C1-205880](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205880.zip) | Handling of QoS flow descriptions without associated QoS rules | | | Apple | CR 2636 24.501 Rel-16 |  | |
|  |  | | [C1-205881](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205881.zip) | Handling of QoS flow descriptions without associated QoS rules | | | Apple | CR 2637 24.501 Rel-17 |  | |
|  |  | | [C1-205899](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205899.zip) | Remove the editor note for regular expression type | | | ZTE / Joy | CR 0088 24.526 Rel-16 |  | |
|  |  | | [C1-205900](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205900.zip) | Remove the editor note for regular expression type | | | ZTE / Joy | CR 0089 24.526 Rel-17 |  | |
|  |  | | [C1-205955](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205955.zip) | Correction to SOR procedures- sending REGISTRATION COMPLETE message | | | DOCOMO Communications Lab. | CR 0594 23.122 Rel-16 |  | |
|  |  | | [C1-205956](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205956.zip) | Correction to SOR procedures- sending REGISTRATION COMPLETE message | | | DOCOMO Communications Lab. | CR 0595 23.122 Rel-17 |  | |
|  |  | | [C1-206035](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206035.zip) | Editorial correction for QoS commands | | | MediaTek Inc. / Carlson | CR 0704 27.007 Rel-16 |  | |
|  |  | | [C1-206061](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206061.zip) | Add some missing ESM causes on the network side | | | ZTE | CR 2686 24.501 Rel-16 |  | |
|  |  | | [C1-206062](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206062.zip) | Add some missing ESM causes on the network side | | | ZTE | CR 2687 24.501 Rel-17 |  | |
|  |  | | [C1-206078](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206078.zip) | EN resolution on domain descriptors in URSP | | | Huawei, HiSilicon/Lin | CR 0093 24.526 Rel-16 |  | |
|  |  | | [C1-206079](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206079.zip) | EN resolution on domain descriptors in URSP | | | Huawei, HiSilicon/Lin | CR 0094 24.526 Rel-17 |  | |
|  |  | | [C1-206084](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206084.zip) | EN resolution on 5QI as criteria type for ODAC | | | Huawei, HiSilicon, Intel, InterDigital, Nokia, Nokia Shanghai Bell, LG Electronics/Lin | CR 2691 24.501 Rel-16 |  | |
|  |  | | [C1-206085](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206085.zip) | EN resolution on 5QI as criteria type for ODAC | | | Huawei, HiSilicon, Intel, InterDigital, Nokia, Nokia Shanghai Bell, LG Electronics/Lin | CR 2692 24.501 Rel-17 |  | |
|  |  | | [C1-206118](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206118.zip) | PDU session IDs exclusive for the 5G core network | | | Ericsson /kaj | CR 0135 24.007 Rel-16 |  | |
|  |  | | [C1-206152](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206152.zip) | Setting the Integrity protection maximum data rate IE by a UE not supporting UPIP | | | Nokia, Nokia Shanghai Bell | CR 2714 24.501 Rel-16 |  | |
|  |  | | [C1-206153](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206153.zip) | Setting the Integrity protection maximum data rate IE by a UE not supporting UPIP | | | Nokia, Nokia Shanghai Bell | CR 2715 24.501 Rel-17 |  | |
|  |  | | [C1-206192](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206192.zip) | Use of Equivalent PLMN list in 5GMM | | | NTT DOCOMO INC. | CR 3457 24.301 Rel-16 |  | |
|  |  | | [C1-206193](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206193.zip) | Use of Equivalent PLMN list in 5GMM | | | NTT DOCOMO INC. | CR 3458 24.301 Rel-17 |  | |
|  |  | | [C1-206205](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206205.zip) | Handling of Higher Priority PLMN selection with the presence of “PLMNs where registration was aborted due to SOR” list | | | Apple | CR 0577 23.122 Rel-16 | Revision of C1-204994 | |
|  |  | | [C1-206206](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206206.zip) | Handling of Higher Priority PLMN selection with the presence of “PLMNs where registration was aborted due to SOR” list | | | Apple | CR 0600 23.122 Rel-17 |  | |
|  |  | | [C1-206208](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206208.zip) | In SoR error cases, UE to always send Registration Complete at the end of Registration procedure if UE is either in Manual mode of operation or camped in UPLMN | | | Apple | CR 0578 23.122 Rel-16 | Revision of C1-205491  Overlaps with C1-205955 | |
|  |  | | [C1-206210](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206210.zip) | In SoR error cases, UE to always send Registration Complete at the end of Registration procedure if UE is either in Manual mode of operation or camped in UPLMN | | | Apple | CR 0601 23.122 Rel-17 | Overlaps with C1-205956 | |
|  |  | | [C1-206211](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206211.zip) | Handling of PLMN selection with presence of PLMNs where registration was aborted due to SOR list | | | Apple | CR 0576 23.122 Rel-16 | Revision of C1-205394 | |
|  |  | | [C1-206214](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206214.zip) | Handling of PLMN selection with presence of PLMNs where registration was aborted due to SOR list | | | Apple | CR 0602 23.122 Rel-17 |  | |
|  |  | | [C1-206216](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206216.zip) | Use of preferred PLMN/access technology combinations received through control Plane signaling SoR | | | Apple | CR 0579 23.122 Rel-16 | Revision of C1-204998 | |
|  |  | | [C1-206218](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206218.zip) | Use of preferred PLMN/access technology combinations received through control Plane signaling SoR | | | Apple | CR 0603 23.122 Rel-17 |  | |
|  |  | | [C1-206221](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206221.zip) | Clarification on High Priority Search in 5GMM-Connected Mode with RRC Inactive | | | Apple | CR 0604 23.122 Rel-16 |  | |
|  |  | | [C1-206224](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206224.zip) | Clarification on High Priority Search in 5GMM-Connected Mode with RRC Inactive | | | Apple | CR 0606 23.122 Rel-17 |  | |
|  |  | | [C1-206253](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206253.zip) | Release of N1 NAS signalling connection in SOR error case if SOR is received via DL NAS TRANSPORT | | | Apple | CR 0607 23.122 Rel-16 |  | |
|  |  | | [C1-206254](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206254.zip) | Resolve an issue when camping on a MCC=441 cell | | | NTT DOCOMO INC. | CR 0608 23.122 Rel-16 |  | |
|  |  | | [C1-206255](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206255.zip) | Resolve an issue when camping on a MCC=441 cell | | | NTT DOCOMO INC. | CR 0609 23.122 Rel-17 |  | |
|  |  | | [C1-206271](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206271.zip) | Release of N1 NAS signalling connection in SOR error case if SOR is received via DL NAS TRANSPORT | | | Apple | CR 0610 23.122 Rel-17 |  | |
|  |  | | [C1-206357](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206357.zip) | Checking ACK bit of the SOR container in the DL NAS TRANSPORT | | | LG Electronics / sunhee | CR 2788 24.501 Rel-16 |  | |
|  |  | | [C1-206358](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206358.zip) | Checking ACK bit of the SOR container in the DL NAS TRANSPORT | | | LG Electronics / sunhee | CR 2789 24.501 Rel-17 |  | |
|  |  | | [C1-206362](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206362.zip) | UE handling when Configuration Update Command is received during Registration Request procedure | | | Apple | CR 2791 24.501 Rel-16 |  | |
|  |  | | [C1-206364](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206364.zip) | UE handling when Configuration Update Command is received during Registration Request procedure | | | Apple | CR 2793 24.501 Rel-17 |  | |
|  |  | | [C1-206428](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206428.zip) | UE procedures when a request for emergency services fallback not accepted | | | MediaTek Inc. / Marko | CR 2808 24.501 Rel-16 |  | |
|  |  | | [C1-206429](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206429.zip) | UE procedures when a request for emergency services fallback not accepted | | | MediaTek Inc. / Marko | CR 2809 24.501 Rel-17 |  | |
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|  | 5Gprotoc16-non3GPP | |  | Peter – Main | | |  |  | Stage-3 5GS NAS protocol development related to non-3GPP access | |
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|  | ATSSS | |  | Peter – Main | | |  |  | CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system | |
|  |  | | [C1-205929](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205929.zip) | Clarification on receipt of MA PDU session release command | | | ZTE / Joy | CR 0010 24.193 Rel-16 |  | |
|  |  | | [C1-206020](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206020.zip) | Clarification on 2nd Leg PDU SESSION ESTABLISHMENT ACCEPT handling for MA PDU Sessions | | | MediaTek Inc. / Carlson | CR 2666 24.501 Rel-16 |  | |
|  |  | | [C1-206021](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206021.zip) | Clarification on 2nd Leg PDU SESSION ESTABLISHMENT ACCEPT handling for MA PDU Sessions | | | MediaTek Inc. / Carlson | CR 2667 24.501 Rel-17 |  | |
|  |  | | [C1-206022](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206022.zip) | Clarifications on Necessity of ATSSS Container IE | | | MediaTek Inc. / Carlson | CR 2668 24.501 Rel-16 |  | |
|  |  | | [C1-206023](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206023.zip) | Clarifications on Necessity of ATSSS Container IE | | | MediaTek Inc. / Carlson | CR 2669 24.501 Rel-17 |  | |
|  |  | | [C1-206025](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206025.zip) | Clarifications on using DRB/IPSecSA as indication to MA PDU session UP resources establishment | | | MediaTek Inc. / Carlson | discussion Rel-16 |  | |
|  |  | | [C1-206026](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206026.zip) | Clarifications on using DRB/IPSecSA as indication to MA PDU session UP resources establishment | | | MediaTek Inc. / Carlson | CR 0011 24.193 Rel-16 |  | |
|  |  | | [C1-206027](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206027.zip) | Clarifications on using DRB/IPSecSA as indication to MA PDU session UP resources establishment | | | MediaTek Inc. / Carlson | CR 2671 24.501 Rel-16 |  | |
|  |  | | [C1-206028](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206028.zip) | Clarifications on using DRB/IPSecSA as indication to MA PDU session UP resources establishment | | | MediaTek Inc. / Carlson | CR 2672 24.501 Rel-17 |  | |
|  |  | | [C1-206111](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206111.zip) | IEI value for the Padding IE | | | Huawei, HiSilicon /Christian | CR 0012 24.193 Rel-16 | Conflict with C1-206323 | |
|  |  | | [C1-206112](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206112.zip) | Updates due to ATSSS | | | Huawei, HiSilicon /Christian | CR 0134 24.007 Rel-16 | Conflict with C1-206326 | |
|  |  | | [C1-206138](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206138.zip) | Length of the EPTI IE | | | Huawei, HiSilicon /Christian | CR 0013 24.193 Rel-16 | Conflict with C1-206322 | |
|  |  | | [C1-206321](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206321.zip) | Correction for PMFP messages sent via Ethernet PDU session | | | Ericsson, Qualcomm Incorporated / Ivo | CR 0014 24.193 Rel-16 |  | |
|  |  | | [C1-206322](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206322.zip) | Correction for EPTI length | | | Ericsson / Ivo | CR 0015 24.193 Rel-16 | Conflict with C1-206138 | |
|  |  | | [C1-206323](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206323.zip) | Correction for IEIs of Padding IEs | | | Ericsson / Ivo | CR 0016 24.193 Rel-16 | Conflict with C1-206111 and C1-206112 | |
|  |  | | [C1-206324](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206324.zip) | Correction for PMFP timer values | | | Ericsson / Ivo | CR 0017 24.193 Rel-16 |  | |
|  |  | | [C1-206326](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206326.zip) | IEI assignment from performance measurement function protocol | | | Ericsson / Ivo | CR 0137 24.007 Rel-16 |  | |
|  |  | | [C1-206409](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206409.zip) | Support of regular expression in ATSSS rules | | | Nokia, Nokia Shanghai Bell | CR 0018 24.193 Rel-16 |  | |
|  |  | | [C1-206410](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206410.zip) | Correction on MAPDU release in inter-system change | | | Nokia, Nokia Shanghai Bell | CR 0019 24.193 Rel-16 |  | |
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|  | eNS | |  | Peter – Main | | |  |  | CT aspects on enhancement of network slicing | |
|  |  | | [C1-205811](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205811.zip) | Discussion on pending NSSAI handling | | | vivo | discussion Rel-16 | Related to Disc in C1-206049 (Oppo) and Disc in C1-206054 (ZTE) | |
|  |  | | [C1-205812](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205812.zip) | Additional requested NSSAI | | | vivo | CR 2612 24.501 Rel-16 | Rel-17 mirror missing  Related with C1-206055/56 (ZTE) | |
|  |  | | [C1-205834](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205834.zip) | AMF behavior upon receipt of NETWORK SLICE-SPECIFIC AUTHENTICATION COMPLETE message | | | ZTE / Hannah | CR 2622 24.501 Rel-16 |  | |
|  |  | | [C1-205835](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205835.zip) | AMF behavior upon receipt of NETWORK SLICE-SPECIFIC AUTHENTICATION COMPLETE message | | | ZTE / Hannah | CR 2623 24.501 Rel-17 |  | |
|  |  | | [C1-205926](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205926.zip) | Adding a missing "modification request" for the Request type IE during NSSAA | | | Samsung Guangzhou Mobile R&D | CR 2646 24.501 Rel-16 |  | |
|  |  | | [C1-205927](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205927.zip) | Adding a missing "modification request" for the Request type IE during NSSAA | | | Samsung Guangzhou Mobile R&D | CR 2647 24.501 Rel-17 |  | |
|  |  | | [C1-205935](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205935.zip) | Clarification on the condition of UE-initiated NAS transport of messages not accepted by the network when NSSAA is ongoing | | | China Telecom Corporation Ltd. | CR 2649 24.501 Rel-16 | Rel-17 mirror missing | |
|  |  | | [C1-205936](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205936.zip) | Clarification on the condition of AMF included new configured NSSAI in the REGISTRATION ACCEPT message | | | China Telecom Corporation Ltd. | CR 2650 24.501 Rel-16 | Rel-17 mirror missing | |
|  |  | | [C1-205937](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205937.zip) | Clarification the NSSAI from the URSP which not in the allowed NSSAI or configured NSSAI can be included into the requested NSSAI when Registration procedure | | | China Telecom Corporation Ltd. | CR 2651 24.501 Rel-16 | Rel-17 mirror missing | |
|  |  | | [C1-206049](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206049.zip) | The analysis on pending NSSAI handling on AMF | | | OPPO / Rae | discussion Rel-16 |  | |
|  |  | | [C1-206050](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206050.zip) | Correct pending NSSAI handling | | | OPPO / Rae | CR 2678 24.501 Rel-16 | Rel-17 mirror missing  Related with C1-206055 (ZTE) | |
|  |  | | [C1-206054](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206054.zip) | Discussion on user cases that the UE sends a new requested NSSAI during the NSSAA procedure | | | ZTE | discussion |  | |
|  |  | | [C1-206055](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206055.zip) | Excluding the S-NSSAI(s) in the pending NSSAI from the requested NSSAI | | | ZTE, Nokia, Nokia Shanghai Bell, InterDigital, Sharp | CR 2680 24.501 Rel-16 | Related with C1-205812 (Vivo) | |
|  |  | | [C1-206056](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206056.zip) | Excluding the S-NSSAI(s) in the pending NSSAI from the requested NSSAI | | | ZTE, Nokia, Nokia Shanghai Bell, InterDigital, Sharp | CR 2681 24.501 Rel-17 |  | |
|  |  | | [C1-206057](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206057.zip) | Update the allowed/rejected NSSAI based on the result of NSSAA over 3GPP access and N3GPP access separately | | | ZTE | CR 2682 24.501 Rel-16 | Related with C1-206050 (oppo) | |
|  |  | | [C1-206058](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206058.zip) | Update the allowed/rejected NSSAI based on the result of NSSAA over 3GPP access and N3GPP access separately | | | ZTE | CR 2683 24.501 Rel-17 |  | |
|  |  | | [C1-206059](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206059.zip) | Update the allowed/rejected NSSAI based on the result of NSSAA over both 3GPP access and N3GPP access | | | ZTE | CR 2684 24.501 Rel-16 |  | |
|  |  | | [C1-206060](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206060.zip) | Update the allowed/rejected NSSAI based on the result of NSSAA over both 3GPP access and N3GPP access | | | Nubia Technology Co.,Ltd | CR 2685 24.501 Rel-17 |  | |
|  |  | | [C1-206119](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206119.zip) | Pending NSSAI always provided in registration accept message | | | Ericsson /kaj | CR 2702 24.501 Rel-16 |  | |
|  |  | | [C1-206120](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206120.zip) | Pending NSSAI always provided in registration accept message | | | Ericsson /kaj | CR 2703 24.501 Rel-17 |  | |
|  |  | | [C1-206122](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206122.zip) | PDU session establishment request attempt during ongoing re-NSSAA procedure | | | Ericsson /kaj | CR 2569 24.501 Rel-16 | Revision of C1-205094 | |
|  |  | | [C1-206124](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206124.zip) | PDU session establishment request attempt during ongoing re-NSSAA procedure | | | Ericsson /kaj | CR 2705 24.501 Rel-17 |  | |
|  |  | | [C1-206141](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206141.zip) | Discussion on NSSAA for roaming UEs | | | Samsung Guangzhou Mobile R&D | discussion | Related with C1-206160 (Nokia) | |
|  |  | | [C1-206155](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206155.zip) | Corrections in allowed NSSAI handling upon receipt of rejected NSSAI | | | Nokia, Nokia Shanghai Bell | CR 2522 24.501 Rel-16 | Revision of C1-204943 | |
|  |  | | [C1-206156](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206156.zip) | Correction in allowed NSSAI handling upon receipt of rejected NSSAI | | | Nokia, Nokia Shanghai Bell | CR 2717 24.501 Rel-17 |  | |
|  |  | | [C1-206157](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206157.zip) | Clarification in the term “S-NSSAI for which the NSSAA procedure will be performed or is ongoing” | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 |  | |
|  |  | | [C1-206158](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206158.zip) | Clarification in the term “S-NSSAI for which the NSSAA procedure will be performed or is ongoing” | | | Nokia, Nokia Shanghai Bell | CR 2523 24.501 Rel-16 | Revision of C1-204944 | |
|  |  | | [C1-206159](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206159.zip) | Clarification in the term “S-NSSAI for which the NSSAA procedure will be performed or is ongoing” | | | Nokia, Nokia Shanghai Bell | CR 2718 24.501 Rel-17 |  | |
|  |  | | [C1-206160](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206160.zip) | NSSAA upon inter-PLMN mobility | | | Nokia, Nokia Shanghai Bell | discussion Rel-16 | Related with C1-206141 (Samsung) | |
|  |  | | [C1-206185](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206185.zip) | Handling of radio link failure during NSSAA procedure | | | NEC Corporation | CR 2720 24.501 Rel-16 | Related with C1-206266 (Lenovo) | |
|  |  | | [C1-206209](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206209.zip) | Handling of pending NSSAI and allowed NSSAI during periodic registration update | | | Nokia, Nokia Shanghai Bell | CR 2728 24.501 Rel-16 |  | |
|  |  | | [C1-206212](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206212.zip) | Handling of pending NSSAI and allowed NSSAI during periodic registration update | | | Nokia, Nokia Shanghai Bell | CR 2729 24.501 Rel-17 |  | |
|  |  | | [C1-206261](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206261.zip) | NSSAA for roaming UEs | | | Samsung Guangzhou Mobile R&D | CR 2760 24.501 Rel-16 |  | |
|  |  | | [C1-206263](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206263.zip) | Discussion on network slice specific authorization and authentication failure | | | Lenovo, Motorola Mobility | discussion |  | |
|  |  | | [C1-206264](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206264.zip) | NSSAA for roaming UEs | | | Samsung Guangzhou Mobile R&D | CR 2761 24.501 Rel-17 | Wrong CR number on cover page | |
|  |  | | C1-206265 | Network slice specific authentication and authorization failure | | | Lenovo, Motorola Mobility | CR 0013 24.174 Rel-17 | Withdrawn | |
|  |  | | [C1-206266](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206266.zip) | Network slice specific authentication and authorization failure | | | Lenovo, Motorola Mobility | CR 2762 24.501 Rel-16 | Related with C1-206185 (NEC) | |
|  |  | | [C1-206267](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206267.zip) | Network slice specific authentication and authorization failure | | | Lenovo, Motorola Mobility | CR 2763 24.501 Rel-17 |  | |
|  |  | | [C1-206293](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206293.zip) | UE and network synchronization during NSSAA procedure | | | NEC Corporation | CR 2766 24.501 Rel-16 |  | |
|  |  | | [C1-206343](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206343.zip) | Handling of radio link failure during NSSAA procedure | | | NEC Corporation | CR 2779 24.501 Rel-17 |  | |
|  |  | | [C1-206347](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206347.zip) | UE and network synchronization during NSSAA procedure. | | | NEC Corporation | CR 2781 24.501 Rel-17 |  | |
|  |  | | [C1-206368](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206368.zip) | PLMN selection condition upon reception Registration Reject with cause #62 | | | LG Electronics / sunhee | CR 2795 24.501 Rel-16 |  | |
|  |  | | [C1-206370](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206370.zip) | PLMN selection condition upon reception Registration Reject with cause #62 | | | LG Electronics / sunhee | CR 2796 24.501 Rel-17 |  | |
|  |  | | [C1-206392](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206392.zip) | NSSAA Slice configuration for 1-to-many mapping in roaming scenario | | | NEC | discussion 24.501 Rel-16 |  | |
|  |  | | [C1-206393](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206393.zip) | NSSAA Slice configuration for 1-to-many mapping in roaming scenario | | | NEC | CR 2797 24.501 Rel-16 | Rel-17 mirror missing | |
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|  | Vertical\_LAN | |  | Peter – Main | | |  |  | CT aspects of 5GS enhanced support of vertical and LAN services | |
|  |  | |  |  | | |  |  | Stand-alone NPN | |
|  |  | | [C1-205847](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205847.zip) | Erasing the forbidden SNPN lists upon expiry of the timer T3245 | | | vivo | CR 0589 23.122 Rel-16 | Rel-17 mirror mssing? | |
|  |  | | [C1-205901](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205901.zip) | Clarification on handover between PNI-NPN and SNPN not supported | | | ZTE / Joy | CR 2638 24.501 Rel-16 |  | |
|  |  | | [C1-205902](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205902.zip) | Clarification on handover between PNI-NPN and SNPN not supported | | | ZTE / Joy | CR 2639 24.501 Rel-17 |  | |
|  |  | | [C1-205959](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205959.zip) | AT command for NAS messages between MT and TE | | | OPPO / Chen | CR 0699 27.007 Rel-16 | Revision of C1-205297 | |
|  |  | | [C1-206195](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206195.zip) | SNPN access mode over 3GPP access when accessing SNPN services via a PLMN | | | SHARP | CR 2726 24.501 Rel-16 |  | |
|  |  | | [C1-206196](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206196.zip) | SNPN access mode over 3GPP access when accessing SNPN services via a PLMN | | | SHARP | CR 2727 24.501 Rel-17 |  | |
|  |  | | [C1-206337](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206337.zip) | SNPN access mode when UE accesses SNPN services via a PLMN | | | Ericsson / Ivo | discussion Rel-16 |  | |
|  |  | | [C1-206445](https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_126e/Docs/C1-206445.zip) | Correction in 5GMM cause value #72 | | | Nokia, Nokia Shanghai Bell | CR 2816 24.501 Rel-16 | Withdrawn by chair, as document was Late | |
|  |  | | [C1-206446](https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_126e/Docs/C1-206446.zip) | Correction in 5GMM cause value #72 | | | Nokia, Nokia Shanghai Bell | CR 2817 24.501 Rel-17 | Withdrawn by chair, as document was Late | |
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|  |  | |  |  | | |  |  | Public network integrated NPN | |
|  |  | | [C1-205848](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205848.zip) | Provisioning of a CAG information list in De-registration procedure | | | vivo | CR 2633 24.501 Rel-16 | REl-17 mirror missing? | |
|  |  | | [C1-205960](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205960.zip) | NAS signalling connection release upon CAG information update via UCU | | | OPPO / Chen | CR 2656 24.501 Rel-16 |  | |
|  |  | | [C1-205961](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205961.zip) | NAS signalling connection release upon CAG information update via UCU | | | OPPO / Chen | CR 2657 24.501 Rel-17 |  | |
|  |  | | [C1-205962](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205962.zip) | Aligning to TS 22.261 requirements on manual CAG selection | | | OPPO, Huawei, HiSilicon, vivo Mobile Communications Co. LTD / Chen | CR 0596 23.122 Rel-16 |  | |
|  |  | | [C1-205963](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205963.zip) | Aligning to TS 22.261 requirements on manual CAG selection | | | OPPO, Huawei, HiSilicon, vivo Mobile Communications Co. LTD / Chen | CR 0597 23.122 Rel-17 |  | |
|  |  | | [C1-206297](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206297.zip) | Storage of CAG information list on the USIM | | | Huawei, HiSilicon / Vishnu | CR 2767 24.501 Rel-16 | C1-206313, C1-206297, C1-205947, C1-206301 conflict | |
|  |  | | [C1-206307](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206307.zip) | Reception of CAG information list without serving PLMN's entry in roaming | | | Ericsson, Nokia, Nokia Shanghai Bell, Qualcomm Incorporated, LG Electronics / Ivo | CR 2770 24.501 Rel-16 | Conflict with C1-206247 | |
|  |  | | [C1-206308](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206308.zip) | Reception of CAG information list without serving PLMN's entry in roaming | | | Ericsson, Nokia, Nokia Shanghai Bell, Qualcomm Incorporated, LG Electronics / Ivo | CR 2771 24.501 Rel-17 | Conflict with C1-206248 | |
|  |  | | [C1-206327](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206327.zip) | 5GMM cause value #76 mapped to a different 5GMM cause value in network-initiated de-registration procedure | | | Ericsson, Nokia, Nokia Shanghai Bell, Qualcomm Incorporated, LG Electronics / Ivo | CR 2775 24.501 Rel-16 |  | |
|  |  | | [C1-206328](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206328.zip) | 5GMM cause value #76 mapped to a different 5GMM cause value in network-initiated de-registration procedure | | | Ericsson, Nokia, Nokia Shanghai Bell, Qualcomm Incorporated, LG Electronics / Ivo | CR 2776 24.501 Rel-17 |  | |
|  |  | | [C1-206342](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206342.zip) | Storage of CAG information list on the USIM | | | Huawei, HiSilicon / Vishnu | CR 0617 23.122 Rel-16 |  | |
|  |  | | [C1-206361](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206361.zip) | Clarification of the length of entry contents in CAG information list information element | | | LG Electronics / sunhee | CR 2790 24.501 Rel-16 |  | |
|  |  | | [C1-206363](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206363.zip) | Clarification of the length of entry contents in CAG information list information element | | | LG Electronics / sunhee | CR 2792 24.501 Rel-17 |  | |
|  |  | | [C1-206225](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206225.zip) | Maximum length of CAG information list - R16 | | | Huawei, HiSilicon / Cristina | CR 2736 24.501 Rel-16 | Shifted from 16.2.4.1  As it is Rel-16, only use vertical\_LAN | |
|  |  | | [C1-206226](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206226.zip) | Maximum length of CAG information list for - R17 | | | Huawei, HiSilicon / Cristina | CR 2737 24.501 Rel-17 | Shifted from 17.2.2.1  As it is CAT A, only use vertical\_LAN | |
|  |  | | [C1-206229](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206229.zip) | CAG information list in SR reject message - R16 | | | Huawei, HiSilicon / Cristina | CR 2738 24.501 Rel-16 | Shifted from 16.2.4.1  As it is Rel-16, only use vertical\_LAN | |
|  |  | | [C1-206230](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206230.zip) | CAG information list in SR reject message - R17 | | | Huawei, HiSilicon / Cristina | CR 2739 24.501 Rel-17 | Shifted from 17.2.2.1  As it is CAT A, only use vertical\_LAN | |
|  |  | | [C1-206231](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206231.zip) | AN Release triggered by CAG information Update - R16 | | | Huawei, HiSilicon / Cristina | CR 2740 24.501 Rel-16 | Shifted from 16.2.4.1  As it is Rel-16, only use vertical\_LAN | |
|  |  | | [C1-206232](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206232.zip) | AN Release triggered by CAG information Update - R17 | | | Huawei, HiSilicon / Cristina | CR 2741 24.501 Rel-17 | Shifted from 17.2.2.1  As it is CAT A, only use vertical\_LAN | |
|  |  | | [C1-206241](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206241.zip) | Update IEI of Port management information container - R16 | | | Huawei, HiSilicon / Cristina | CR 2749 24.501 Rel-16 | Shifted from 16.2.4.1  As it is Rel-16, only use vertical\_LAN | |
|  |  | | [C1-206242](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206242.zip) | Update IEI of Port management information container - R17 | | | Huawei, HiSilicon / Cristina | CR 2750 24.501 Rel-17 | Shifted from 17.2.2.1  As it is CAT A, work item code should by Vertical\_LAN | |
|  |  | | [C1-206247](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206247.zip) | Operations on CAG information list received through SR reject - R16 | | | Huawei, HiSilicon / Cristina | CR 2755 24.501 Rel-16 | Shifted from 16.2.4.1  As it is Rel-16, only use vertical\_LAN  Conflict with C1-206307 | |
|  |  | | [C1-206248](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206248.zip) | Operations on CAG information list received through SR reject - R17 | | | Huawei, HiSilicon / Cristina | CR 2756 24.501 Rel-17 | Shifted from 17.2.2.1  As it is CAT A, only use vertical\_LAN  Conflict with C1-206308 | |
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|  |  | |  |  | | |  |  | Time sensitive communication | |
|  |  | | [C1-205813](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205813.zip) | Updating the UE-DS-TT Resident Time | | | vivo | CR 2613 24.501 Rel-16 | Rel-17 mirror missing? | |
|  |  | | [C1-205814](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205814.zip) | Removing the bridge name | | | vivo | CR 0013 24.519 Rel-16 |  | |
|  |  | | [C1-205815](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205815.zip) | Adding the NW-TT port numbers in the BMIC | | | vivo | CR 0014 24.519 Rel-16 |  | |
|  |  | | [C1-205903](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205903.zip) | Remove bridge name | | | ZTE / Joy | CR 0015 24.519 Rel-16 |  | |
|  |  | | [C1-206110](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206110.zip) | Include TS 24.519 among the layer 3 related Technical Specifications | | | Huawei, HiSilicon /Christian | CR 0133 24.007 Rel-16 |  | |
|  |  | | [C1-206113](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206113.zip) | IEEE Std reference update | | | Intel / Thomas | CR 2698 24.501 Rel-16 |  | |
|  |  | | [C1-206116](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206116.zip) | EEE Std reference updates | | | Intel / Thomas | CR 2701 24.501 Rel-17 |  | |
|  |  | | [C1-206117](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206117.zip) | Update handling of suffix field | | | Intel / Thomas | CR 0004 24.535 Rel-16 |  | |
|  |  | | [C1-206177](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206177.zip) | The "Set parameter" operation not applicable for read-only parameters | | | Nokia, Nokia Shanghai Bell, Intel | CR 0016 24.519 Rel-16 |  | |
|  |  | | [C1-206178](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206178.zip) | Correction in stream parameters in BMIC | | | Nokia, Nokia Shanghai Bell, Intel | CR 0017 24.519 Rel-16 |  | |
|  |  | | [C1-206179](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206179.zip) | Correction in DS-TT operation before sending a gPTP message toward a downstream TSN node | | | Nokia, Nokia Shanghai Bell | CR 0005 24.535 Rel-16 |  | |
|  |  | | [C1-206388](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206388.zip) | Adding NW-TT port numbers to BMIC | | | Intel, Nokia, Nokia Shanghai Bell / Thomas | CR 0018 24.519 Rel-16 |  | |
|  |  | | [C1-206389](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206389.zip) | Adding Stream parameters to PMIC | | | Intel, Nokia, Nokia Shanghai Bell / Thomas | CR 0019 24.519 Rel-16 |  | |
|  |  | | [C1-206391](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206391.zip) | Bridge name and Chassis ID no more needed | | | Intel, Nokia, Nokia Shanghai Bell / Thomas | CR 0020 24.519 Rel-16 |  | |
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|  | 5G\_CioT | |  | Peter – Main | | |  |  | CT aspects of Cellular IoT support and evolution for the 5G System | |
|  |  | | [C1-205905](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205905.zip) | Truncated 5G-S-TMSI for eMTC UE | | | Qualcomm Incorporated / Amer | CR 2322 24.501 Rel-16 | Revision of C1-204672  Rel-17 mirror missing? | |
|  |  | | [C1-205906](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205906.zip) | Rapporteur's cleanup of editor's notes | | | Qualcomm Incorporated / Amer | CR 2538 24.501 Rel-16 | Revision of C1-204986  Chair: related CR in C1-206426, C1-205964  Cover sheet should describe why there is no REl-17 | |
|  |  | | [C1-205918](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205918.zip) | 5G-GUTI reallocation after resume from 5GMM-IDLE mode with suspend indication due to paging | | | Samsung, Qualcomm Incorporated, InterDigital, Huawei, HiSilicon, CATT, Vodafone, ZTE, Nokia, Nokia Shanghai Bell, SHARP, Intel, OPPO | CR 2461 24.501 Rel-16 | Revision of C1-204736 | |
|  |  | | [C1-205922](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205922.zip) | 5G-GUTI reallocation after resume from 5GMM-IDLE mode with suspend indication due to paging | | | Samsung, Qualcomm Incorporated, InterDigital, Huawei, HiSilicon, CATT, Vodafone, ZTE, Nokia, Nokia Shanghai Bell, SHARP, Intel, OPPO | CR 2645 24.501 Rel-17 |  | |
|  |  | | [C1-205964](file:///C:\\Users\\dems1ce9\\OneDrive%20-%20Nokia\\3gpp\\cn1\\meetings\\126-e-electronic_1020\\docs\\C1-205964.zip) | UE indication of redirection failure allowing subsequent network reaction | | | OPPO / Chen | CR 2658 24.501 Rel-17 | Chair: related CR in C1-205906, C1-206426. Incorrect work item code, as this a Rel-17 CR only. Eventually to be shifted to Rel-17 AI, using Rel-17 WIC | |
|  |  | | [C1-206006](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206006.zip) | Uplink data status IE in CPSR after integrity check failure | | | Samsung Guangzhou Mobile R&D | CR 2661 24.501 Rel-16 |  | |
|  |  | | [C1-206007](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206007.zip) | Uplink data status IE in CPSR after integrity check failure | | | Samsung Guangzhou Mobile R&D | CR 2662 24.501 Rel-17 |  | |
|  |  | | [C1-206009](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206009.zip) | Missing Allowed PDU Session Status IE in CPSR | | | Samsung Guangzhou Mobile R&D | CR 2663 24.501 Rel-16 |  | |
|  |  | | [C1-206010](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206010.zip) | Missing Allowed PDU Session Status IE in CPSR | | | Samsung Guangzhou Mobile R&D | CR 2664 24.501 Rel-17 |  | |
|  |  | | [C1-206017](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206017.zip) | Timer value of active timer | | | Huawei, HiSilicon /Christian | CR 2665 24.501 Rel-16 |  | |
|  |  | | [C1-206066](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206066.zip) | Timer value of active timer | | | Huawei, HiSilicon /Christian | CR 2688 24.501 Rel-17 |  | |
|  |  | | [C1-206114](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206114.zip) | Service request procedure and abnormal cases in the UE for CPSR and emergency fallback | | | Ericsson /kaj | CR 2699 24.501 Rel-16 |  | |
|  |  | | [C1-206115](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206115.zip) | Service request procedure and abnormal cases in the UE for CPSR and emergency fallback | | | Ericsson /kaj | CR 2700 24.501 Rel-17 |  | |
|  |  | | [C1-206121](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206121.zip) | Discussion on service area restriction and exception data reporting | | | Samsung, Huawei, HiSilicon | discussion |  | |
|  |  | | [C1-206123](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206123.zip) | Exception data in restricted service area | | | Samsung, Huawei, HiSilicon, InterDigital | CR 2704 24.501 Rel-16 |  | |
|  |  | | [C1-206125](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206125.zip) | Exception data in restricted service area | | | Samsung, Huawei, HiSilicon, InterDigital | CR 2706 24.501 Rel-17 |  | |
|  |  | | [C1-206186](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206186.zip) | Correction on inclusion criteria for IP header compression configuration IE | | | SHARP | CR 2721 24.501 Rel-16 |  | |
|  |  | | [C1-206188](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206188.zip) | Correction on inclusion criteria for IP header compression configuration IE | | | SHARP | CR 2722 24.501 Rel-17 |  | |
|  |  | | [C1-206189](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206189.zip) | Correction on inclusion criteria for Ethernet header compression configuration IE | | | SHARP | CR 2723 24.501 Rel-16 |  | |
|  |  | | [C1-206190](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206190.zip) | Correction on inclusion criteria for Ethernet header compression configuration IE | | | SHARP | CR 2724 24.501 Rel-17 |  | |
|  |  | | [C1-206396](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206396.zip) | 5G-GUTI reallocation at resume of suspended signaling connection triggered by paging | | | Ericsson /kaj | CR 2800 24.501 Rel-16 |  | |
|  |  | | [C1-206398](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206398.zip) | 5G-GUTI reallocation at resume of suspended signaling connection triggered by paging | | | Ericsson /kaj | CR 2802 24.501 Rel-17 |  | |
|  |  | | [C1-206426](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206426.zip) | Avoiding repeated inter-system re-directions | | | MediaTek Inc. / Marko | CR 2806 24.501 Rel-16 | Chair: relates to C1-205906 and [C1-205964](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205964.zip) | |
|  |  | | [C1-206427](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206427.zip) | Avoiding repeated inter-system re-directions | | | MediaTek Inc. / Marko | CR 2807 24.501 Rel-17 | Chair: if CAT A, then same WIC as CAT F CR | |
|  |  | | [C1-206239](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206239.zip) | PDU session release in CP-SR - R16 | | | Huawei, HiSilicon / Cristina | CR 2747 24.501 Rel-16 | Shifted from 16.2.4.1  As it is Rel-16, only use 5G\_CIoT | |
|  |  | | [C1-206240](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206240.zip) | PDU session release in CP-SR - R17 | | | Huawei, HiSilicon / Cristina | CR 2748 24.501 Rel-17 | Shifted from 17.2.2.1  As it is CAT A, work item code should by 5G\_CIoT | |
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|  | 5WWC | |  | Peter – Main | | |  |  | CT aspects on wireless and wireline convergence for the 5G system architecture | |
|  |  | | [C1-205895](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205895.zip) | Clarification on NAI provided by N5CW device | | | ZTE / Joy | CR 0154 24.502 Rel-16 |  | |
|  |  | | [C1-205896](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205896.zip) | Clarification on NAI provided by N5CW device | | | ZTE / Joy | CR 0155 24.502 Rel-17 |  | |
|  |  | | [C1-205897](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205897.zip) | Resolve editor notes on trusted access selection | | | ZTE / Joy | CR 0156 24.502 Rel-16 |  | |
|  |  | | [C1-205898](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205898.zip) | Resolve editor notes on trusted access selection | | | ZTE / Joy | CR 0157 24.502 Rel-17 |  | |
|  |  | | [C1-205930](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205930.zip) | Correction on association between an application and a PDU session for RG | | | ZTE / Joy | CR 0090 24.526 Rel-16 |  | |
|  |  | | [C1-205931](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205931.zip) | Correction on association between an application and a PDU session for RG | | | ZTE / Joy | CR 0091 24.526 Rel-17 |  | |
|  |  | | [C1-205979](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205979.zip) | Resolution of the editor's note on the rules for creating the root or decorated NAI for 5GS | | | Huawei, HiSilicon /Christian | CR 0158 24.502 Rel-16 |  | |
|  |  | | [C1-205980](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205980.zip) | Resolution of the editor's notes on whether the UE uses rules in clause 19 (EPC) or clause 28 (5GS) of TS 23.003 to construct a NAI | | | Huawei, HiSilicon /Christian | CR 0159 24.502 Rel-16 |  | |
|  |  | | [C1-205981](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205981.zip) | Resolution of the editor's notes on the procedure for determining whether it is mandatory to select a PLMN in the visited country | | | Huawei, HiSilicon /Christian | CR 0160 24.502 Rel-16 |  | |
|  |  | | [C1-205982](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205982.zip) | Resolution of the editor's notes on which sort of trusted non-3GPP access is preferred for the case when both "S2a connectivity" and "trusted 5G connectivity" are indicated | | | Huawei, HiSilicon /Christian | CR 0161 24.502 Rel-16 |  | |
|  |  | | [C1-206180](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206180.zip) | Resolution of the editor's note on the rules for creating the root or decorated NAI for 5GS | | | Huawei, HiSilicon /Christian | CR 0165 24.502 Rel-17 |  | |
|  |  | | [C1-206181](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206181.zip) | Resolution of the editor's notes on whether the UE uses rules in clause 19 (EPC) or clause 28 (5GS) of TS 23.003 to construct a NAI | | | Huawei, HiSilicon /Christian | CR 0166 24.502 Rel-17 |  | |
|  |  | | [C1-206182](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206182.zip) | Resolution of the editor's notes on the procedure for determining whether it is mandatory to select a PLMN in the visited country | | | Huawei, HiSilicon /Christian | CR 0167 24.502 Rel-17 |  | |
|  |  | | [C1-206183](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206183.zip) | Resolution of the editor's notes on which sort of trusted non-3GPP access is preferred for the case when both "S2a connectivity" and "trusted 5G connectivity" are indicated | | | Huawei, HiSilicon /Christian | CR 0168 24.502 Rel-17 |  | |
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|  | PARLOS | |  | Lena – Breakout | | |  |  | CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated UEs | |
|  |  | | [C1-205858](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205858.zip) | Resolve ENs for RLOS session setup | | | Nokia, Nokia Shanghai Bell | CR 6440 24.229 Rel-16 | Current status: Agreed | |
|  |  | | [C1-205859](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205859.zip) | Resolve ENs for RLOS session setup | | | Nokia, Nokia Shanghai Bell | CR 6441 24.229 Rel-17 | Current status: Agreed | |
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|  | V2XAPP | |  | Lena – Breakout | | |  |  | CT aspects of V2XAPP | |
|  |  | | [C1-205993](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205993.zip) | Update to client procedure of V2X service discovery procedure | | | Huawei, HiSilicon / Chen | CR 0028 24.486 Rel-16 | Merged into C1-206295 and its revisions  Sapan, Friday, 23:44  Revision of merge required:  I think there is an overlap with Ericsson’s proposal C1-206295. This proposal can be merged into C1-206295.  Chen, Monday, 10:00  I agree this proposal can be merged, but I find another problem is that the VAE-C should send the message to the VAE-S at the end. Therefore, I remove the <identity> related and add a last step that the VAE-C should send the message to the VAE-S. A draft revision is available.  Sapan, Monday, 16:08  In clause 6.6.1 – following text is already present:  “the VAE-C shall send an HTTP POST request according to procedures specified in IETF RFC 2616 [19]”  New step is not required =>  “d)          shall send the HTTP POST request towards the VAE-S according to IETF RFC 2616 [19].”  Chen, Tuesday, 3:13  @Sapan: Thanks for pointing out this. Then C1-205993 can be merged into C1-206295 totally.  Mikael, Tuesday, 20:41  Ok, then I will revise C1-206295 and add “Huawei, Hisilicon” as source. I am not aware of any other changes, but let me know if there is something.  Chen, Wednesday, 7:01  OK, please add “Huawei, Hisilicon” as source.  Just minor comments for C1-206295:   * The <identity> element in the Structure should also be deleted; * The <identity> element under the <subscription-request> in the Semantics should be changed to <V2X-UE-id>; * In the 3rd bullet b) of clause 6.4.2, an <V2X-UE-id> element -> a; * Bullet b) of clause 6.7.2, the same as above; * clause 6.8.2.1, the same as above; * in the structure clause, there are 3 above proplems; * also in the semantics clause.   Please make sure before the <V2X-UE-id> is “a” | |
|  |  | | [C1-206005](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206005.zip) | Update to service discovery data elements | | | Huawei, HiSilicon / Chen | CR 0040 24.486 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206012](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206012.zip) | Introduction of +CVAECFG; AT command for VAE layer configuration | | | Huawei, HiSilicon /Christian | CR 0691 27.007 Rel-16 | Current status: Agreed  Revision of C1-203951 | |
|  |  | | [C1-206013](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206013.zip) | Introduction of +CVAEREG; AT command for VAE layer registration | | | Huawei, HiSilicon /Christian | CR 0692 27.007 Rel-16 | Current status: Agreed  Revision of C1-203952 | |
|  |  | | [C1-206287](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206287.zip) | Providing target URI in registration procedure | | | Samsung / Sapan | CR 0041 24.486 Rel-16 | Merged into C1-206341 and its revisions  Mohamed, Thursday, 9:04  Both C1-206341 and C1-206287 are addressing the same issue, right? So kindly check and if this is true, then only one CR from both shall proceed.  Sapan, Thursday, 9:09  @Mohamed: Yes, you are right. Both contributions addresssame issue. I propose C1-206341 to be merged into C1-206287 as it covers all clauses where changes are required to be done.  Mikael, Thursday, 11:15  I agree both CRs address the same issue.  My comments on C1-206287:   * The definition of <endpoint-info> element is unclear. Better to follow the style of the existing <message-reception-uri> element as the content of the element shall be used for setting Request-URI. * Changes to 7.2.3 and 7.3.3 not needed. There is a requirement on the server in registration procedure to “store the received registration information”, thus the UE V2X id and reception URI of the UE are known to the server. So existing requirements for setting Request-URI in 7.2.3 and 7.3.3 are correct and sufficient.   I therefore propose to merge C1-206287 into C1-206341.  Sapan, Tuesday, 10:52   1. I am fine to use term <endpoint-info> or <message-reception-uri>. 2. I believe changes I clause 7.2.3 and 7.3.3 are needed. Without any change – the text would be: “shall set the Request-URI to the URI corresponding to the identity of the V2X UE”. As we discussed in last meeting also, request-URI cannot be set to V2X UE identity.   So, I again propose to merge C1-206341 into C1-206287. If you want to rephrase text in 7.2.3 or 7.3.3 – we can discuss on that.  Mikael, Tuesday, 12:19  But the text says: ”... *to the URI corresponding to* the identity of the V2X UE” and not just “…to the identity of the V2X UE”.  To me that is clear, and the reason I chose not to change this clause when drafting the CR. I guess it is not a major issue, just explaining my conclusion based on the discussions in last meeting.  Sapan, Tuesday, 13:15  I am fine to merge C1-206287 into C1-206341.  Mikael, Tuesday, 21:02  @Sapan: I will revise C1-206341 and add “Samsung” as source. Any other changes you wish to see in the revision?  Sapan, Wednesday, 6:30  Ok with Mikael’s plan. | |
|  |  | | [C1-206294](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206294.zip) | Correction of <identity> element | | | Ericsson / Mikael | CR 0042 24.486 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206296](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206296.zip) | Correction of destination at geographical area message target | | | Ericsson / Mikael | CR 0044 24.486 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206360](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206360.zip) | Correction of URI used in V2X group message procedure | | | Ericsson / Mikael | CR 0046 24.486 Rel-16 | Current status: Agreed | |
|  |  | | C1-206604 | XML schema for UE de-registration procedure | | | Huawei, HiSilicon / Chen | CR 0024 24.486 Rel-16 | Current status: Agreed  Revision of C1-205989  --------------------------------------------------  Mikael, Friday, 13:59  Revision request:   * file name in the zip-file is incorrect. Needs to start with the TDoc * A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?   Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Chen, Monday, 10:04  I added the suffix “-info” wherever applicable.  @Mikael,  usually, XML schema uses the first letter capitalized between the words instead of “-“, so I use “RegistationInfo” instead of “registration-info” for example.  @Sapan, for the contributions (C1-205989, C1-205991, C1-205992, C1-205995, C1-205998, C1-205999, C1-206002, C1-206003, C1-206004), please see the each other related email thread.  From my side, the suffix “info” makes no sense and the name of “Registration”/”Deregistration” is enough and simple. Unlike the root element, e.g., “Location” and “LocationInfo”, “VAE” and “VAEInfo”, etc., there’s no discrimination between “Registration” and “RegistrationInfo” in the spec. The original purpose from my side is to make the XML schema slimmer.  Mikael, Monday, 10:38  Checking other specs it is clear that there is no consistent way here. Some do what I indicated as a preference, i.e. elements in procedures are used in XML schema exactly the same (e.g. 24.548, 24.544). There are examples of your way as well.  Maybe we need to come to an agreement for 24.486.  I find it very odd to introduce elements in the Schema using a “remapping principle”. Especially as it is not consistent. E.g. You add the top-level elements using this principle (under the assumption that such remapping principle is obvious), whereas other elements are used as in procedures/structure/semantics.  I can agree that the remapping principle normally should not be very problematic, but there are cases that are unclear as in V2X service continuity procedure where <local-service-info> element and <local-service-info-content> element are mapped to "LocalService" and “LocalServiceInfo”.  So to conclude, I see no point in remapping element names for XML schema. I cannot see that it adds value. Thus, my preference is to be clear and consistent, and therefore propose that we use elements from procedures/structure/semantics also in the same way in schema.  Chen, Monday, 14:24  @Mikael: I know your concern. I checked with TS 24.379 of MCPTT and with some experts in XML schema. XML schema engineers prefer the first letter capitalized between the words.  From my side, it is our job to link the elements of XML schema with the procedures. The XML schema engineers don’t care about the procedures. Therefore, it is better to use the way XML schema engineers get used to.  For V2X UE ID, <V2xUeId> looks strange. TS 24.379 uses <user-id> in the XML schema.  Sapan, Monday, 16:25  I do not have any preference whether we need first letter capitalized or have “-“ in between words. If you prefer first letter capitalized then I am fine with it.  My main concern is XML element names need to be consistent with procedure and defined XML schema.  Whichever approach you select (either first letter capitalized or having “-“ in between words) – please make sure you use same format for all elements and also names are consistent with procedures.  Mikael, Tuesday, 9:50  As I interpret Sapan’s comment (correct if wrong), it reflects the same position as I have and the main concern is the consistency within XML schema. As of now the proposal is to use a mix of the two styles.  The main reason I argue to use the style also used in procedures is that I think it is easier to achieve consistency going that direction. A consistent use of the capitalized style could also be acceptable it you manage to implement that.  Chen, Tuesday, 11:51  I will align the elements names with the procedures and use the “-“. I will prepare the revisions soon.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206605 | Update to application level location tracking procedure | | | Huawei, HiSilicon / Chen | CR 0025 24.486 Rel-16 | Current status: Agreed  Revision of C1-205990  -------------------------------------------------------  Mikael, Friday, 14:10  Revision required:   * Partly overlap with C1-206295 (removing <identity> middle level element) * <location-tracking.info> is used instead of <location-tracking-info> (one new and one existing occurrence) * Server unsubscribe procedure uses “subscribe” in operation element and procedure function:   i)   shall include a <result> child element set to the value "success" or "failure" indicating success or failure of the subscription; and  ii)  shall include an <operation> element set to "subscribe"; and  Chen, Monday, 10:00  A draft revision is available.  Mikael, Tuesday, 10:45  Revision looks good. Editorials:   * Bullet lists for <location-tracking-info> element structure are added using “automatic bullets”, change this to manual bullet numbering * The final bullet of this structure ends with “;”, shall be full stop   Chen, Wednesday, 7:01  An updated draft revision is available. | |
|  |  | | C1-206606 | XML schema for application level location tracking procedure | | | Huawei, HiSilicon / Chen | CR 0026 24.486 Rel-16 | Current status: Agreed  Revision of C1-205991  --------------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206607 | XML schema for V2X message delivery procedure | | | Huawei, HiSilicon / Chen | CR 0027 24.486 Rel-16 | Current status: Agreed  Revision of C1-205992  -----------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 14:25  Revision required:   * Missing elements in MessageType: <message-reception-ind> and <message-reception-uri> * What is the added element "ReceptionReport"?   Chen, Monday, 10:00  The missing elements are added. The element “ReceptionReport” is based on the Stage 2. A draft revision is available.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206609 | Update to server procedure of V2X service discovery procedure | | | Huawei, HiSilicon / Chen | CR 0029 24.486 Rel-16 | Current status: Agreed  Revision of C1-205994  ----------------------------------------------------  Sapan, Friday, 23:46  Revision required:   * Can you please reword in step a) 2) ii) as follows? – “~~may~~ if <result> element is set to "success", shall include a <service-discovery-data>”   Chen, Monday, 10:00  A draft revision is available.  Sapan, Monday, 16:16  I am Ok with the draft revision. | |
|  |  | | C1-206610 | XML schema for V2X service discovery procedure | | | Huawei, HiSilicon / Chen | CR 0030 24.486 Rel-16 | Current status: Agreed  Revision of C1-205995  --------------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 14:43  Revision required:  Misalignment between elements in procedures and the proposed schema: ServiceDiscoveryInfo, ServiceDiscoveryData, v2xServiceMap and v2xASAddress  Chen, Monday, 10:00  @Mikael: The XML schema is aligned with the Structure and the Semantics and Stage 2. The elements in procedure are changed by C1-205994.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206611 | Update to V2X service continuity procedure | | | Huawei, HiSilicon / Chen | CR 0031 24.486 Rel-16 | Current status: Agreed  Revision of C1-205996  -------------------------------------------------  Mikael, Friday, 15:37  Revision request:   * Partly overlap with C1-206295, for removing <identity> element middle level * In 6.7.1 the ”child” for <geo-id> element should be deleted (to be consistent with <V2X-UE-id> element * The content of <local-service-info-content> element is not specified (except than in a very high-level generic way). Don’t we need to specify in more detail the content and possibly coding?   Chen, Monday, 10:00  A draft revision is available.  Mikael, Tuesday, 20:49  The draft revision looks good. Please just fix the automatic bullets of <local-service-info> element in semantics when you create the actual revision. | |
|  |  | | C1-206612 | Update to server procedure of V2X service continuity procedure | | | Huawei, HiSilicon / Chen | CR 0032 24.486 Rel-16 | Current status: Agreed  Revision of C1-205997  ----------------------------------------------------  Mikael, Friday, 15:48  Revision suggested:   * a minor editorial that you may fix if you want; the spaces on the RFC reference should be “hard spaces” (IETF RFC 2616 [19]). * Bullet a) in VAE-S actions still uses <geographical-identifier> whereas it is changed to <geo-id> in C1-205996. Fix either in this CR or 5996, whichever you prefer.   Chen, Monday, 10:00  A draft revision is available.  Mikael, Tuesday, 20:51  I am Ok with the draft revision. | |
|  |  | | C1-206613 | XML schema for V2X service continuity procedure | | | Huawei, HiSilicon / Chen | CR 0033 24.486 Rel-16 | Current status: Agreed  Revision of C1-205998  ---------------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 16:04  Revision required:   * Element naming differs between procedures and the proposed schema:  LocalService, LocalServiceInfo. * The contents of <local-service-info-content>/LocalServiceInfo are not reflected in 8.5 Data semantics. Should probably be added in a revision of C1-205996.   Chen, Monday, 10:00  A draft revision is available.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206614 | XML schema for dynamic group management procedure | | | Huawei, HiSilicon / Chen | CR 0034 24.486 Rel-16 | Current status: Agreed  Revision of C1-205999  ---------------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 16:12  Revision required:   * Element naming differs between procedures/structure/semantics and the proposed schema (all elements added in the CR)   Chen, Monday, 10:00  @Mikael: XML schema usually uses the first letter capitalized between the words instead of “-“. Therefore, from my side, the element naming was aligned.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206615 | Update to network monitoring by the V2X UE procedure | | | Huawei, HiSilicon / Chen | CR 0035 24.486 Rel-16 | Current status: Agreed  Revision of C1-206000  ------------------------------------------------  Mikael, Friday, 16:18  Revision required:   * Partly overlap with C1-206295, for removing <identity> element middle level * In all other procedures the top level element is named with “-info” suffix. I prefer to stick to that principle also for this procedure.   Sapan, Friday, 23:49  Revision required:  Overlaps with Ericsson’s proposal C1-206295 regarding <identity> element removal in clause 6.9.1.1.  Chen, Monday, 10:00  A draft revision is available.  Mikael, Tuesday, 20:54  I am Ok with the draft revision. | |
|  |  | | C1-206616 | Update to server procedure of V2X UE subscription for network monitoring information procedure | | | Huawei, HiSilicon / Chen | CR 0036 24.486 Rel-16 | Current status: Agreed  Revision of C1-206001  -----------------------------------------------------  Mikael, Friday, 16:24  Revision required:   * Align to the principle of naming top level element …-info.   Chen, Monday, 10:00  A draft revision is available.  Mikael, Tuesday, 20:57  I am Ok with the draft revision. | |
|  |  | | C1-206617 | XML schema for network monitoring by the V2X UE procedure | | | Huawei, HiSilicon / Chen | CR 0037 24.486 Rel-16 | Current status: Agreed  Revision of C1-206002  --------------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 16:46  Revision required:   * As for other schema CRs, element naming alignment needed.   Chen, Monday, 10:00  A draft revision is available.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206618 | XML schema for V2X USD provisioning procedure | | | Huawei, HiSilicon / Chen | CR 0038 24.486 Rel-16 | Current status: Agreed  Revision of C1-206003  ----------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 16:53  Revision required:   * As for other schema CRs, element naming alignment needed. * The definition of USDAnouncementType does not seem aligned to what is specified in procedures/structure/semantics   Chen, Monday, 10:00  @Mikael:   * I checked the TS 23.286 and rename them to be aligned with Stage 2. The name <Announcement> is too general and it needs to be updated according to Stage 2. Therefore, I change the name “Announcement” -> "V2XUSDAnouncement" * After checking Stage 2, I believe the elements of procedures need to be updated in next meeting.   A draft revision is available.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206619 | XML schema for PC5 parameters provisioning procedure | | | Huawei, HiSilicon / Chen | CR 0039 24.486 Rel-16 | Current status: Agreed  Revision of C1-206004  ---------------------------------------------  Mikael, Friday, 13:59  A general comment/question that applies to all the CRs adding schema information: I notice that you change the naming convention of the top level procedure element when defining the types. I would expect the same naming as in the procedures part to be used. Can you explain and justify why you do like this?  Sapan, Friday, 14:20  I agree with Mikael. I had similar comment in previous meeting too. We need to align XML elements names as used in procedures.  Mikael, Friday, 17:11  Revision required:   * As for other schema CRs, element naming alignment needed. * In procedures/structure/semantics this procedure still uses a request/response element structure, that we agreed in last meeting to align to the common top level …-info structure covering both directions. This should be updated and schema aligned to such update, as needed * The proposed schema includes an v2x-ue-id element, that I cannot find in procedures/structure/semantics   Chen, Monday, 10:01  A draft revision is available.  Chen, Wednesday, 7:01  A draft revision with “-“ in the XML schema is now available.  Mikael, Thursday, 7:58  @Chen: I have checked all revisions of XML schema CRs now and confirm that my comments have been addressed.  As we already concluded, further updates and corrections will be needed to procedures/structure/semantics but the present XML CRs form a good basis for such work.  Thanks for your effort. | |
|  |  | | C1-206666 | Direct use of <V2X-UE-id> element | | | Ericsson / Mikael | CR 0043 24.486 Rel-16 | Current status: Agreed  Revision of C1-206295  ---------------------------------------------------  Mikael, Tuesday, 20:41  I will revise C1-206295 and add “Huawei, Hisilicon” as source since C1-205993 is merged into C1-206295. I am not aware of any other changes, but let me know if there is something.  Chen, Wednesday, 7:01  OK, please add “Huawei, Hisilicon” as source.  Just minor comments for C1-206295:   * The <identity> element in the Structure should also be deleted; * The <identity> element under the <subscription-request> in the Semantics should be changed to <V2X-UE-id>; * In the 3rd bullet b) of clause 6.4.2, an <V2X-UE-id> element -> a; * Bullet b) of clause 6.7.2, the same as above; * clause 6.8.2.1, the same as above; * in the structure clause, there are 3 above proplems; * also in the semantics clause.   Please make sure before the <V2X-UE-id> is “a”  Mikael, Wednesday, 8:05  A draft revision is available.  Chen, Wednesday, 8:18  I am Ok with the draft revision. | |
|  |  | | C1-206668 | Addition of reception URI in registration procedure | | | Ericsson / Mikael | CR 0045 24.486 Rel-16 | Current status: Agreed  Revision of C1-206341  --------------------------------------------------  Mohamed, Thursday, 9:04  Both C1-206341 and C1-206287 are addressing the same issue, right ? So kindly check and if this is true, then only one CR from both shall proceed.  Sapan, Thursday, 9:09  @Mohamed: Yes, you are right. Both contributions addresssame issue. I propose C1-206341 to be merged into C1-206287 as it covers all clauses where changes are required to be done.  Mikael, Thursday, 11:17  I agree on the overlap.  For reasons given in comments to C1-206287, I think C1-206341 is a better baseline to progress.  Mikael, Tuesday, 21:02  @Sapan: I will revise C1-206341 and add “Samsung” as source since C1-206287 is merged into C1-206341. Any other changes you wish to see in the revision?  Sapan, Wednesday, 6:30  Ok with Mikael’s plan. | |
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|  | eV2XARC | |  | Lena – Breakout | | |  |  | CT aspects of eV2XARC | |
|  |  | | [C1-206015](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206015.zip) | Resolution of the editor's note on whether the keep-alive timer T5003 value needs to be included or negotiated as part of the PC5 unicast link establishment procedure | | | Huawei, HiSilicon /Christian | CR 0123 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206019](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206019.zip) | Work plan for the CT1 part of eV2XARC | | | Huawei, HiSilicon /Christian | discussion Rel-16 | Noted | |
|  |  | | [C1-206041](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206041.zip) | Add reference to 24.587 and 38.331 in V2X triggered PLMN selection | | | OPPO / Rae | CR 0598 23.122 Rel-16 | Current status: Agreed  Mohamed, Thursday, 9:04  I am ok with this change in Rel-16, but it needs a mirror CR for Rel-17.  Rae, Monday, 16:03  I will submit a Rel-17 Cat A CR. | |
|  |  | | [C1-206096](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206096.zip) | Updates due to eV2XARC | | | Huawei, HiSilicon /Christian | CR 0132 24.007 Rel-16 | Current status: Agreed  Mohamed, Thursday, 9:04  I am ok with this CR, but don't you think we need to add references to TS 24.386 as well into TS 24.007? If you agree, then kindly extend the CR with this change.  Christian, Monday, 16:13  Present TS 24.386 is not based on TS 24.007. Note that, for example, for transmission of V2X messages over PC5 (E-UTRAN), the UE places V2X messages in protocol data units which are passed to lower layers for transmission. Hence, the UE receives V2X message from upper layers (application), requests radio resources (using PC5 interface) and lower layers transmit the V2X messages.  Mohamed, Monday, 16:43  @ Christian: I agree with you that TS 24.386 itself is not based on TS 24.007. But what about TS 24.334 ? Shouldn’t we include a references to TS 24.334 into TS 24.007?  Christian, Monday, 17:04  TS 24.334 is a different story than TS 24.386 as we know. TS 24.334 defines a protocol based on TS 24.007. No doubt on this as it is clear and known by all us. Hence, we should update TS 24.007 to add TS 24.334 which is currently missing. I can volunteer to table that CR for the upcoming meeting but note that the CR we are talking about now in this meeting is on eV2XARC which scope is to add TS 24.587.  In short, my proposal is to progress with the CR on the table and I promise to table a new CR on TS 24.334 for the upcoming meeting and we can co-work together on it.  Mohamed, Monday, 17:22  Ok fine with me.  Then I am ok with C1-206096 as it is, without change.  Christian, Monday, 19:00  @Mohamed: Thanks, then, we will do that way.  Please, note that TS 24.587 does not use TS 24.334 while TS 24.386 (V2X in EPS) does. Hence, there is a difference (two separate things). | |
|  |  | | [C1-206139](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206139.zip) | Handling of unknown, unforeseen, and erroneous protocol data | | | Huawei, HiSilicon /Christian | CR 0129 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206187](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206187.zip) | Correction on unicast link identifier update procedure | | | ASUSTeK | CR 0130 24.587 Rel-16 | Postponed  Requested by author  Mohamed, Thursday, 9:04  Following the changes done in this CR, then in subclause 6.1.2.5.5 the following statement in shall be removed: “*pass the new layer-2 IDs down to the lower layer”* because the new L2 IDs were already provided to lower layer in an earlier step, as per the changes you did in subclause 6.1.2.5.3.  Ivo, Thursday, 9:45  Revision required: - "down " is not needed - "upon" is better than "after". "after" allows for a delay between condition fulfillment and the action execution. "upon" describes immediate action execution if the condition is fulfilled.  Wen, Thursday, 10:09  To keep alignment, it is proposed to take the following description:  *The target UE shall pass the new layer-2 IDs (i.e. initiating UE's new layer-2 ID and target UE's new layer-2 ID if changed) along with the PC5 link identifier down to the lower layer to receive the traffic.*  Sunghoon, Thursday, 13:05  Objection:   1. Peer UEs shall be able to receive old L2 ID until the procedure completed, based on SA2 agreement. 2. 'start' and 'restart' make no difference. Not FASMO   Lider, Friday, 11:48  @Ivo: The reason for specifying passing down the new L2IDs is that TS24.587 clearly specifies when to pass down the new L2IDs for transmission but does not specify for reception. We prefer clear procedural text.  Regarding the second comment, we think the delay caused by the actions in the completion of the LIU procedure should be unavoidable when the condition is fulfilled (i.e. the ACK message is received). However, the delay is too tiny to be ignored. Thus, using “after” or “upon” should be no difference.  Lider, Friday, 11:48  @Sunghoon: In our understanding, passing down the new L2IDs for reception does not mean stopping the old L2IDs for reception. Instead, lower layer will use both the old L2IDs and the new L2IDs for reception till the old one are revoked by upper layer.  Ivo, Friday, 13:44  @Lider: "after" and "upon" have different meaning in English. To ensure that the UE does the action without delay, "upon" is appropriate.  Sunghoon, Friday, 13:45  @Lider: But you have changed LIU ACCEPT msg section. It is not necessary. The lower layer of the initiating UE will receive the traffic with new L2 ID after ACK msg is sent. The lower layer of the target UE will send the traffic with the new L2 ID after ACK message is received.  Lider, Tuesday, 4:48  Provides answers to Sunghoon’s comments. Asks what FASMO means.  Lider, Tuesday, 5:04  I will take onboard Ivo’s comments to use “upon”.  Sunghoon, Tuesday, 10:06  Disagrees with Lider’s answers. Further comments that the solution in the CR makes LIU ACK useless. Also, if the only change remaining in the CR ends up beiing to change “start” to “restart”, the CR is not FASMO.  Lider, Tuesday, 10:27  Ok to take onboard Wen’s proposed alignment. Does not agree with Mohamed’s comment, explains why.  Mohamed, Tuesday, 12:44  Still has the same concern, explains why.  Lider, Wednesday, 7:17  @Sunghoon: Now I got the point. From CT1 perspective, the UE passes down the new L2IDs for transmission and reception to lower layer only one time. If the target UE passes the new L2IDs for transmission and reception only when the ACK message is received, from my perspective, it is possible traffic with new L2IDs would arrive earlier than the ACK message at the target UE. This situation causes data missing that is not desirable. If the target UE does not receive the ACK message, it should retransmit the ACCEPT message. Thus, the initiating UE should still use both old L2IDs and new L2IDs for reception in lower layer before receiving traffic with new L2IDs that is already specified in section 6.1.2.5.4 (The initiating UE shall continue to receive traffic with the old layer-2 IDs (i.e. initiating UE's old layer-2 ID and target UE's old layer-2 ID) from the target UE until it receives traffic with the new layer-2 IDs (i.e. initiating UE's new layer-2 ID and target UE's new layer-2 ID if changed) from the target UE.). Similarly, if the target UE can use both old L2IDs and new L2IDs for reception in lower layer, the data missing mentioned above can be avoided. By the way, in my understanding, retransmissions in lower layer could spend longer time (i.e. in millisecond level) compared to the processing time for the operation in NSA layer (i.e. in microsecond level).  Regarding the concern about the target UE using new L2IDs before the LIU procedure is completed, it is acceptable to us. Based on the current spec, the content of ACK message just repeats the content of ACCEPT message, and the target UE does not check the content of ACK message. Actually, the first two steps (i.e. REQUEST message and ACCEPT message) in the LIU procedure are the key for privacy purpose. Therefore, from my perspective, the ACK message is only used for the target UE to know that the initiating UE had received the ACCEPT message. Since the initiating UE may have no data for transmission temporarily after receiving the ACCEPT message, the imitating UE still needs to send the ACK message for the target UE to complete the LIU procedure. Thus, ACK message is still useful in the LIU procedure.  Therefore, I think it is worthy to consider that the target UE can use new L2IDs for reception within the LIU procedure and complete the LIU procedure by receiving traffic with new L2IDs. Even if the ACK message is received later, no additional action is needed for the target UE. However, we have no strong opinion on the wording of the changes in this CR for above proposals. If you could consider the proposals, your comments on the wording are appreciated. Further comments are welcome. Thanks!  Lider, Wednesday, 7:18  @Mohamed: Yes, in my original thought, the target UE passes down the new L2IDs to lower layer for transmission and reception in different timing. Now I got your point. If the new L2IDs should be passed down only one time, I think your suggestion is feasible i.e. I’m fine to remove the yellow sentence.  Mohamed, Wednesday, 8:34  Tthanks for acknowledging the issue. Yes the yellow sentence shall be removed. Also I recommend to make the CR to Rel-17 instead of Rel-16, since it is more of optimization for the behaviour we have today. This is in case other commenters insist on this.  Lider, Wednesday, 11:12  A draft revision is available.  Mohamed, Wednesday, 11:22  I see also the draft CR is now marked as Rel-17. And given that I see it is some kind of improvement to solve some corner cases, then I am fine with the last draft.  Ivo, Wednesday, 12:01  My comments were addressed in the draft revision.  Sunghoon, Wednesday, 13:24  Objection:  Qualcomm disagree with the principle of this CR. As specified in SA2 spec as well, the target UE should use the new L2 IDs after ACK msg is received.  Race condition addressed in the CR will not happen, as the initiating UE will send the traffic with the new L2 IDs after sending LIU ACK + some internal processing (V2X layer – lower layer interaction).  As I mentioned earlier this proposal breaks the principle of 3-way handshaking which has been decided by SA2/SA3. ACK msg is necessary to echo the LIU accept msg in order to confirm that ID is updated successfully. If the author of the CR wants to challenge this principle, it should be discussed in SA2 or SA3 first.  Lider, Thursday, 8:20  @Sunghoon: OK. Given that you still have concern, I postpone the CR.  Sunghoon, Thursday, 10:06  @Lider: Thanks for understanding. There could be some way to address your concern without changing the principle of the procedure. | |
|  |  | | [C1-206316](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206316.zip) | V2X message in one or more TCP messages in downlink | | | Ericsson, Nokia, Nokia Shanghai Bell, Qualcomm Incorporated / Ivo | CR 0135 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206317](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206317.zip) | V2X message in one or more TCP messages in LTE-Uu | | | Ericsson, Nokia, Nokia Shanghai Bell, Qualcomm Incorporated / Ivo | CR 0030 24.386 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206318](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206318.zip) | Application Identifier | | | Ericsson / Ivo | CR 0031 24.386 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206319](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206319.zip) | V2X service type and V2X service identifier | | | Ericsson / Ivo | CR 0136 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206334](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206334.zip) | Corrections in UE policies for V2X communication over PC5 | | | Ericsson / Ivo | CR 0015 24.588 Rel-16 | Current status: Agreed  Revision of C1-204580 | |
|  |  | | [C1-206335](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206335.zip) | Corrections in UE policies for V2X communication over Uu | | | Ericsson / Ivo | CR 0016 24.588 Rel-16 | Current status: Agreed  Revision of C1-204581 | |
|  |  | | [C1-206344](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206344.zip) | Corrections to providing security activation indication to lower layer | | | Nokia, Nokia Shanghai Bell, Qualcomm Incorporated, CATT | CR 0137 24.587 Rel-16 | Current status: Agreed  Rae, Thursday, 9:42  Question for clarification: As mentioned in reason for change, PDCP layer enforces integrity and cipher protection, then why UE does not provide the integrity parameters with SECURITY MODE COMMAND message to AS layer?  Mohamed, Thursday, 9:53  @Rae:   1. When sending the “SECURITY MODE COMMAND” the security is not “fully” established yet, i.e. the receiver may reply back with “Security Mode Reject” for example.   Hence sending the keys to lower layer here would be earlier than needed – then UE would need to revert them back if Reject is received.   1. Plus “SECURITY MODE COMMAND” is the only message that is Integrity Only (no ciphering) and using the new context that is being in establishment.   Hence it is better to keep SECURITY MODE COMMAND integrity protection happens at V2X layer. Where the concept is: once security is fully established, then lower layer is configured with the security\_indication, and it is responsible for both Ciphering and Integrity protection. | |
|  |  | | [C1-206345](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206345.zip) | Addition of abnormal case handling for PC5 unicast link update procedure | | | Huawei, HiSilicon / Vishnu | CR 0138 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206369](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206369.zip) | Correction to completion of PC5 unicast link establishment | | | Huawei, HiSilicon / Vishnu | CR 0142 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206373](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206373.zip) | Correction to T5005 expiry handling | | | Huawei, HiSilicon / Vishnu | CR 0143 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206375](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206375.zip) | Correction to the cause of start of timer T5011 | | | Huawei, HiSilicon / Vishnu | CR 0144 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206377](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206377.zip) | Correction to PC5 unicast link modification reject | | | Huawei, HiSilicon / Vishnu | CR 0145 24.587 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206381](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206381.zip) | Discussion on Multiple Unicast link establishment triggered by one Direct Link Est Req | | | Huawei, HiSilicon / Vishnu | CR 0147 24.587 Rel-16 | Current status: Agreed | |
|  |  | | C1-206443 | Resolution of the editor's note on conditions to restart the keep-alive timer T5003 | | | Huawei, HiSilicon /Christian | CR 0122 24.587 Rel-16 | Current status: Agreed  Revision of C1-206014 | |
|  |  | | C1-206444 | Timer value of T5011 | | | Huawei, HiSilicon /Christian | CR 0124 24.587 Rel-16 | Current status: Agreed  Revision of C1-206016 | |
|  |  | | C1-206459 | Correction on using provisioned radio resources | | | OPPO / Rae | CR 0125 24.587 Rel-16 | Current status: Agreed  Revision of C1-206039  ----------------------------------------------  Christian, Friday, 12:13  We do support the need of this CR in Rel-16 but we have the following comments to improve it:   1. to correct a typo on the reason for change “descriptio” -> “description”; 2. we believe that there is no need of adding “broadcast mode” in the title of clause 6.1.3.2.3. Note that the clause 6.1.3.2.3 is under the “Transmission of broadcast mode V2X communication over PC5” clause. Furthermore, other clause under 6.1.3.2 does not show “broadcast mode” in their title as this is simply unnecessary.   With the above proposals incorporated to the CR, we would like to co-sign the CR both Huawei, HiSilicon.  Rae, Friday, 12:23  A draft revision with Christian’s comments taken onboard is available.  Christian, Friday, 17:30  I am Ok with the draft revision. | |
|  |  | | C1-206461 | Update RAT selection rule | | | OPPO / Rae | CR 0127 24.587 Rel-16 | Current status: Agreed  Revision of C1-206044  ----------------------------------------------------  Christian, Friday, 12:33  We do support the need of this CR in Rel-16 but we have the following comments to improve it:   1. we believe that the last “PC5 RAT” term occurrence should also be “PC5 RAT(s)” so that the proposal to bullet time f) is also changed to “**i.e.** the Tx profiles for E-UTRA-PC5 or the Tx profiles for NR-PC5 **or both**”.   With the above proposal incorporated to the CR, we would like to co-sign the CR both Huawei, HiSilicon.  Rae, Monday, 10:57  A draft revision is available.  Christian, Monday, 15:43  I am Ok with the draft revision. | |
|  |  | | C1-206462 | Align cause value | | | OPPO / Rae | CR 0128 24.587 Rel-16 | Current status: Agreed  Revision of C1-206048  ----------------------------------------------  Mohamed, Thursday, 9:04  1- In the "Reason for change":  is not nunber --> is not numbered  2- In subclause 6.1.2.7.5: cause #8 is mentioned as "*UE PC5 unicast signalling security policy mismatch*" (two times).  However its name is mentioned in another way in the beginning of subclause 6.1.2.7.5 and also in subclause 8.4.9, which is: " *UE security capabilities mismatch*".  =>Hence please align to only one name of both and do the needed modifications, since having two names creates confusion.  Wen, Thursday, 9:50   1. Now there are 3 PC5 signalling protocol cause about Security mismatch, are these same meaning    1. UE security capabilities mismatch    2. UE PC5 unicast signalling security policy mismatch    3. Security policy not aligned 2. According to the cause name, the cause number of “UE PC5 unicast signalling security policy mismatch” is 10 not 8.   Rae, Friday, 3:52  I will change the “8” -> “10” in the revision. My mistake. For the cause #8 and #10, I find there is no description related with #8 so I am OK to remove #8. But this cause was introduced by other company. Maybe they can explain the difference btw #8 and #10.  Rae, Monday, 4:48  A draft revision with cause #8 removed is available.  Mohamed, Monday, 8:26  Revision required  Still some issues with draft revision:  1- In the "Reason for change":  is not nunber --> is not numbered  2- The cause “UE security capabilities mismatch” can’t be deleted from the list of causes.  This cause is used when the exchanged security capabilities between the two UEs don’t match each other, exactly like what we have in LTE and 5G Security Mode procedure today.  i.e. when the security capabilities sent in the Direct Link Establishment Request are different than the ones received in Security Mode Command.  (Note that both the two messages have an IE called “UE security capabilities”).  So this cause shall stay in the spec  Also “UE PC5 unicast signalling security policy mismatch” has a different purpose in the spec, so it shall also stay (no action)  Also  “Security policy not aligned” has a different purpose in the spec, so it shall also stay (no action)  3- the “rev” counter in the cover sheet shall be incremented.  Rae, Monday, 8:36  @Mohamed: an updated draft revision is available.  Mohamed, Monday, 8:51  I am Ok with the draft revision. | |
|  |  | | C1-206465 | Add reference to 24.587 and 38.331 in V2X triggered PLMN selection | | | OPPO / Rae | CR 0620 23.122 Rel-17 | Current status: Agreed  LATE  Rel-17 mirror for C1-206041. | |
|  |  | | C1-206486 | Update RAT selection rule | | | OPPO / Rae | CR 0021 24.588 Rel-16 | Current status: Agreed  Revision of C1-206045  --------------------------------------------------  Scott, Monday, 12:17  The following contents should be aligned with other revisions:  “PC5 RAT:  The PC5 RAT field indicates a PC5 RAT.”  Rae, Monday, 15:58  I will change it to:  “PC5 RAT:  The PC5 RAT field indicates a PC5 RAT or both PC5 RATs.”  Scott, Tuesday, 11:39  @Rae: In alignment with C1-206044’s principle, I think it is reasonable to change PC5 RAT in to PC5 RAT(s) in TS 24.588 correspondingly. Are you fine with it?  And I think the follow revision is more descriptive:  “PC5 RAT(s):  The PC5 RAT(s) field indicates the PC5 RAT(s) that supports the corresponding V2X service identifiers.”  Rae, Tuesday, 11:47  Proposes:  “PC5 RAT(s):  The PC5 RAT(s) field indicates the PC5 RAT(s) mapped to the V2X service identifiers.”  Scott, Tuesday, 12:02  I am Ok with Rae’s proposal. Additionally, based on C1-206044, it is “V2X service identifier to PC5 RAT(s) and Tx profiles mapping rules”. I suggest to align with it in all TS 24.588. Such as Figure 5.3.1.1, Table 5.3.1.1, Figure 5.3.1.12, Table 5.3.1.12, Figure 5.3.1.13, Table 5.3.1.13.  Rae, Tuesday, 12:13  Ok with Scott’s suggestion. A draft revision is available.  Scott, Tuesday, 12:22  I am Ok with the draft revision. | |
|  |  | | C1-206492 | V2X service identifier | | | Ericsson / Ivo | CR 0022 24.588 Rel-16 | Current status: Agreed  Revision of C1-206320  Ivo, Tuesday, 10:22  Changes in this revision:  - "V2X service type" -> "V2X service identifier"  --------------------------------------------------------  Mohamed, Thursday, 9:04  @Ivo, you added " V2X service type". But you intend to say "V2X service identifier" as stated in the cover sheet.  Ivo, Thursday, 10:57  @Mohamed: Yes, you are right. A draft revision is available.  Mohamed, Thursday, 11:02  I am Ok with the draft revision. | |
|  |  | | C1-206539 | Correction to PC5 unicast link establishment failure scenario | | | Huawei, HiSilicon / Vishnu | CR 0141 24.587 Rel-16 | Current status: Agreed  Revision of C1-206367  -----------------------------------------------  Ivo, Thursday, 7:44  "the DIRECT LINK ESTABLISHMENT REQUEST" -> "the DIRECT LINK ESTABLISHMENT REQUEST message"  Vishnu, Tuesday, 10:57  A draft revision is available.  Ivo, Tuesday, 12:27  I am Ok with the draft revision. | |
|  |  | | C1-206540 | Add triggers to re-keying procedure | | | OPPO / Rae | CR 0126 24.587 Rel-16 | Current status: Agreed  Revision of C1-206460  Rae, Thursday, 3:39  In this revision, Huawei was added as co-source.  ----------------------------------------------  Revision of C1-206043  Rae, Wednesday, 3:47  C1-206460 is based on the latest version fo the spec.  Christian, Wednesday, 7:44  Revision required:  Apart from using the correct version of the specification:   1. can you please write “3)         if the lower layers indicate that a PC5 unicast link re-keying procedure needs to be performed”?; 2. can you correct date of the CR and the format?; and 3. we need to work a bit on the cover sheet; can you update the cover sheet to replace “triggers” by “trigger”? And in the reason for change write “However, a trigger from lower layer for triggering the PC5 unicast link re-keying procedure because of the above requirement is missing in TS 24.587.” instead of “However, the corresponding triggers are missing in 24.587.”?   Rae, Wednesday, 8:08  A draft revision is available.  Christian, Wednesday, 9:00  Ok with draft revision. Could you add Huawei as co-signer?  Sunghoon, Wednesday, 16:10  Ok with draft revision.  -------------------------------------------------  Sunghoon, Friday, 9:15  Revision required:  The added bullet 3) and 4) are PDCP layer operation, no need to V2X layer be aware.  And I object to let PDCP layer inform such lower layer specific behavior. Instead, you can generalize a trigger condition.  Rae, Friday, 9:38  How about using one bullet to say “if the lower layer informs that re-keying procedure is needed”?  Christian, Friday, 12:25  We do doubt that the proposed way is correct for the new bullet item 3. Note that the CR is proposing to add PDCP layer description in an NAS layer specification, e.g., “the counter for a PDCP bearer is going to repeat with the current keys”. I would go further and say that you are adding radio layer description and functionality (of PDCP) under RAN2 responsibility into a CT1 specification which implies that NAS needs to know about PDCP details when this is not needed.  In short, this is CR as proposed is not OK for us. The CR should be revised for the new bullet item 3 so that the proposal makes the PDCP implementation details transparent to NAS.  Sunghoon, Monday, 10:42  @Rae: Suggests “Lower layer failure due to security materials”.  Rae, Monday, 10:51  A draft revision is available.  Mohamed, Monday, 11:18  CR is not based on the latest version of the spec. | |
|  |  | | C1-206541 | Correction to abnormal case handling for PC5 unicast modification procedure | | | Huawei, HiSilicon / Vishnu | CR 0139 24.587 Rel-16 | Current status: Agreed  Revision of C1-206356  ------------------------------------------  Mohamed, Thursday, 9:04  Editorial comment: The newly added note shall take value 3 (i.e. NOTE 3) since there are two other notes.  Sunghoon, Thursday, 12:50  Revision required:  Consequence would be the same if the random value is same. So 'implementation dependent' seems enough – no need to further recommend implementation by adding a NOTE.  Other change is fine.  Vishnu, Friday, 13:03  @Sunghoon: What is the probability that the random values generated by 2 different UE’s are the same? Random value is generated by a random value generator function and it will be very unlikely that they have the same values. If the timer will have same value, the procedure will go on again few more times. So we believe that the recommendation can be useful in this case. Please let us know if you are fine with this.  Sunghoon, Friday, 14:23  @Vishnu: What is the probability that the implementation specific value generated by 2 different UE’s are the same?  it is the reason why I think we don’t have to add any recommendation to implement such way.  If you really want to recommend something, it should be described like:  *The implementation dependent time should be set to avoid further collisions*  Vishnu, Friday, 16:18  @Sunghoon: Regarding “What is the probability that the implementation specific value generated by 2 different UE’s are the same?”, if both the UEs are from the same vendor, there is a very high chance that it will have the same value, right ? ( That is why we recommend to use random value to avoid that) It is still a recommendation, but the intention is that implementers should be aware that there is a problem of not using random value. Do you agree?  Sunghoon, Friday, 16:54  @Vishnu: I disagree on “If both the UEs are from the same vendor, there is a very high chance that it will have the same value” How can you be sure?  It is up to developer, not our business – ‘implementation specific’ literally means it.  So I object to add any recommendation which is out of 3gpp scope for developer.  Wen, Saturday, 10:59  Are there any problems to perform 2 link modification procedures in parallel?  Vishnu, Monday, 9:25  @Sunghoon, I would say it is our responsibility to provide a stable specification by foreseeing future issues which the developer can miss out. If you check NAS specification, there are many instances (Even in legacy system) where NAS needs to start a random timer to avoid potential issues. So the intention of the Note is to only point out a potential issue that can happen if we use a ‘constant’ value for the timer. I am fine to go with your proposal for your Note:  *The implementation dependent time should be set to avoid further collisions*  @Wen, there can be potential issues, e.g. one UE wants to remove a PC5 Qos Flow and the other wants to modify it at the same time.  Sunghoon, Monday, 14:58  @Vishnu: I understood your point, but after rel-16 frozen with leaving it up to implementation, I think it would better to let it be out of scope.  Vishnu, Tuesday, 10:54  A draft revision is available.  Mohamed, Tuesday, 11:18  I am Ok with the draft revision.  Sunghoon, Tuesday, 11:31  I am Ok with the draft revision. | |
|  |  | | C1-206549 | Correction to the title of the UE that sends DIRECT LINK ESTABLISHMENT ACCEPT and some other corrections | | | Nokia, Nokia Shanghai Bell | CR 0140 24.587 Rel-17 | Current status: Agreed  Revision of C1-206359  Mohamed, Wednesday, 12:45  Changes in this revision are done based on the discussions and review comments and can be summarized as following:   1. Removing an overlap with another CR (C1-205957). 2. Changing the Work Item code from TEI17 to eV2XARC.   -----------------------------------------------------  Shifted from 17.2.8  Sunghoon, Thu, 1329  Revision required  Mohamed, Thu, 1349  Offers rewording  Sunghoon, Thu, 1359  Fine with Mohamed’s proposal  MOhaemd, Thu, 1418  Provides rev  Behourz, Thu, 1939  eV2XARC is a Rel-16 WI and your CR is in TEI17. I believe that “eV2XARC” should be removed for the WI Code  Mohamed, Thu, 2042  Provides a rev, now it is Rel-16 | |
|  |  | | C1-206558 | Correction on Direct SMCommand accept | | | Qualcomm Korea | CR 0121 24.587 Rel-16 | Current status: Agreed  Revision of C1-205957  ---------------------------------------------------  Mohamed, Thursday, 9:03  1- The CR is not essential for rel-16, since it is only correcting some typos. Hence those fixes shall go to Rel-17. I considered doing that in my CR C1-206359, please have a look.  2- The second correction (in bullet (a) in your CR) doesn't need a whole reshuffling of the statement. It can be simply done by removing the word "notor" that is added mistakenly before the word "preferred". Please have a look at what I did in C1-206359 to get what I mean.  And given that in my CR C1-206359 the above comments are taken care of, plus there are more additional corrections that don't exist in C1-205957, please let me know if you accept that we proceed with C1-206359.  Sunghoon, Thursday, 11:15  It is essential correction due to the second change.  Change in C1-206359 does not cover the case – including other than ‘NULL’ alg if the target UE’s policy set to “signaling integrity protection preferred”.  <quoted from C1-206359>  *a)  checking that the selected security algorithms in the DIRECT LINK SECURITY MODE COMMAND message only include the null integrity protection algorithm if the target UE’s PC5 unicast signalling integrity protection policy is set to "signalling integrity protection not needed" or "signalling integrity protection preferred"; and*  </quoted>  It should only prevent the case when NULL alg is included while the target UE’s policy set to ‘required’. It should be allowed to include non-NULL alg when the target UE’s security policy is set to ‘preferred’. Clearly it is the reason for checking the selected alg.  So please have a look the change on C1-205957  <quoted>  *a)   checking that the selected security algorithms in the DIRECT LINK SECURITY MODE COMMAND message does not include the null integrity protection algorithm if the target UE’s PC5 unicast signalling integrity protection policy is set to "signalling integrity protection required";*  </quoted>  Hence, it should be fixed in rel-16, so I would like to ask you to go with C1-205957 rather than C1-206359. Note that the first change of C1-206359 is also essential correction, even though it might have come from editorial error.  Mohamed, Thursday, 12:21  Responds to Sunghoon’s comments. Still recommend to proceed with C1-206359 as it includes all the fixes. Prefers to make the change only for Rel-17 but Ok to have them in Rel-16.  Sunghoon, Thursday, 13:23  Clarifies he meant to proceed with his todc for the changes to section 6.1.2.7.3. Other changes in C1-206359 should be for Rel-16, under eV2XARC WI.  Mohamed, Thursday, 13:44  Is Ok with Sunghoon’s proposal, that is:   1. Mohamed will remove the correction in “If the an integrity algorithm other than "null integrity algorithm" is included in the selected security algorithms IE” and it will be covered in Sunghoon’s CR. 2. Mohamed will remove the correction in “signalling integrity protection notor preferred” and it will be covered in Sunghoon’s CR. 3. Mohamed will keep the other two corrections 4. Mohmed will modify his CR to be Rel-16 instead of Rel-17   Sunghoon, Thursday, 13:58  Confirms that is is Ok to proceed as summarized by Mohamed.  Sunghoon, Tuesday, 14:07  A draft revision is available. The only change is to add CATT as co-source.  Mohamed, Tuesday, 14:32 Ok with the draft revision, Please add “Nokia, Nokia Shanghai Bell” as co-sources.  Sunghoon, Tuesday, 14:36  Sure I will do that. | |
|  |  | | C1-206569 | Updates to link ID update procedure | | | vivo | CR 0116 24.587 Rel-16 | Current status: Agreed  Revision of C1-205824  -----------------------------------------------  Christian, Friday, 11:46  We do support the need of this CR in Rel-16 but we have the following comments to improve it:   1. the CR is not written against the latest version of the specification; 2. the summary of change contains a typo “receicing” -> “receiving”; 3. we would like to improve the consequences if not approved as the consequences are serious in our view, e.g., “The conditions of inclusion of information in the DIRECT LINK IDENTIFIER UPDATE ACCEPT messge and the DIRECT LINK IDENTIFIER UPDATE ACCEPT ACK message are incorrect and not aligned with the definition of those messages and their contents under clause 7. This can result in implementers incorrectly coding the message and its contents when the PC5 unicast link identifier update procedure. Hence, different implementations are possible and also the update and exchange of (new) identifiers (e.g., application layer ID, layer-2 ID, security information and IP address/prefix) between two UEs will be incorrect”; 4. under clause 6.1.2.5.3 “from initiating UE” -> “from the initiating UE”;   With the above proposals incorporated to the CR, we would like to co-sign the CR both Huawei, HiSilicon.  Wen, Saturday, 8:47  A draft revision taking onboard Christian’s comments is available.  Scott, Monday, 5:27   1. h)      shall include the target UE's new IP address/prefix if changed and IP communication is used.   I suggest change the logical sequence: e.g. h)     shall include the target UE's new IP address/prefix if IP communication is used and changed.   1. Upon receiving a trigger for link identifier update from the upper layer or receiving a DIRECT LINK IDENTIFIER UPDATE REQUEST message or upon link release   Change receiving a DIRECT LINK IDENTIFIER UPDATE REQUEST message into accepting a DIRECT LINK IDENTIFIER UPDATE REQUEST message  Because the UE can reject DIRECT LINK IDENTIFIER UPDATE REQUEST message. In that case, it is not needed to trigger Time 5011.  Wen, Monday, 7:13  @Scott: an updated draft revision is available.  Christian, Monday, 8:42  I am Ok with the draft revision. | |
|  |  | | C1-206570 | T5010 confliction | | | vivo | CR 0117 24.587 Rel-16 | Current status: Agreed  Revision of C1-205825  --------------------------------------------------  Christian, Friday, 11:57  We do support the need of this CR in Rel-16 but we have the following comments to improve it:   1. we would like that the new figure already indicates a correct timer value so when implementing the CR all is cleared out and fixed at one. Hence, we would like to propose T5040 to replace the existing T5010 for the timer which controls the UE-requested V2X policy provisioning procedure rather than introducing a timer called “Txyz” with a figure indicating that timer.   With the above proposal incorporated to the CR, we would like to co-sign the CR both Huawei, HiSilicon.  Wen, Saturday, 9:14  A draft revision with the timer renamed to T5040 is available.  Christian, Monday, 8:44  I am Ok with the draft revision. | |
|  |  | | C1-206571 | Add optinal IE descriptions | | | vivo | CR 0119 24.587 Rel-16 | Current status: Agreed  Revision of C1-205827  -------------------------------------------------  Christian, Friday, 12:04  We do support the need of this CR in Rel-16 but we have the following comments to improve it:   1. to correct a typo on the title “optinal” -> “optional”; 2. I would also like to complete the conditions for inclusion of the QoS flow description IE so it is aligned with the procedural text of the specification, i.e., to add a new bullet item “d)        remove the associated V2X service(s) from existing PC5 QoS flow(s).” under the new clause 7.3.5.z.   With the above proposals incorporated to the CR, we would like to co-sign the CR both Huawei, HiSilicon.  Wen, Saturday, 9:44  A draft revision with Christian’s comments taken onboard is available.  Christian, Monday, 8:46  I am Ok with the draft revision. | |
|  |  | | C1-206572 | Correction to the privacy handling for groupcast | | | vivo | CR 0118 24.587 Rel-16 | Current status: Agreed  Revision of C1-205826  ------------------------------------------------  Christian, Tuesday, 9:45  Revision required:  We support to implement correctly the approved CR in C1-204759. However, the CR in C1-205826 is based in a wrong version of the specification so it needs to be fixed.  With the above change (the use of current version of TS 24.587), we (Huawei, HiSilicon) would like to co-sign the CR.  Wen, Wednesday, 11:42  A draft revision is available.  Christian, Wednesday, 12:14  Ok with the draft revision. | |
|  |  | | C1-206574 | Handling of validity timer for V2X policy | | | vivo | CR 0120 24.587 Rel-16 | Current status: Agreed  Revision of C1-205871  Wen, Wednesday, 17:53  Ericsson is added as co-signer.  ---------------------------------------------  Rae, Thursday, 9:19  Revision is needed since there is one validity time per interface, i.e. one for PC5 and one for Uu. So there should be 2 timers.  Ivo, Thursday, 9:45  Revision required:  - the validity timer should be stopped only once a new V2XP is received (not in 5.3.2.2 when the UE requests new V2XP as this request can be rejected and then the existing V2XP with the existing timer can contiue being used)  Sunghoon, Thursday, 12:58  Objection:  No need to specify this timer. It is not mandatory timer and no need to enforce UE to perform this procedure. There could be application-provided configuration information – check SA2 spec.  In addition, Cause of Start seems wrong, MANAGE UE POLICY COMMAND itself may not be related with V2X.  Wen, Friday, 8:14  @Sunghoon: the objection is not reasonable.   1. I don’t know why you say the validity timer for policy is not mandatory even based on the text in 24.587 2. What we're thinking about is that this procedure has already happened, and then how to handle the validity timer of policy, if it no need why we specify this procedure in the specification 3. this timer indeed exists, if we don’t specify, you mean this timer start or stop that depends UE’s implementation?   Sunghoon, Friday, 9:13  Revision required:  @Wen: You’ve added the timer in the table 10.2, the UE shall start the timer upon reception of MANAGE UE POLICY COMMAND msg even if it haven’t been performed due to V2X policy provisioning. So the proposed text is incorrect.  IMO, the UE behavior related with the timer is already clear. If it is expires, the UE trigger Policy Provisioning request. Perhaps you might want revision, then it would be rel-17 CR.  Wen, Friday, 9:31  I will take into account the comments and provide a draft revision.  Sunghoon, Friday, 12:51  In addition, we need to change TS 24.588 too if you want to change the timer name.  Wen, Saturday, 5:45  if this CR can be accepted in TS24.587, and then we are pleasure to update TS24.588 accordingly.  For convenience, I will take this thread as basis to answer all your comments and questions.  @Sunghoon, it seems this CR is not only for changing the timer name, the start and stop of the timer need to be clarified.  @Rae, take your comments, and 2 timers are reflected in a draft revision.  @Ivo, comments work for us, we have removed the original condition of stopping validity timer for V2XP. Please check the draft revision.  Scott, Monday, 10:18  I think the following description is not enough to cover all cases:          The UE shall stop the timer(s) T5xyz and T5abc, if it is running, and start the timer(s) T5xyz and T5abc with the value in the V2X policy (V2XP) included in the MANAGE UE POLICY COMMAND message.  I suggests to describe it separately:          E.G. The UE shall stop the timer(s) T5xyz if running, and start the timer(s) T5xyz with the value in the V2X policy (V2XP) included in the MANAGE UE POLICY COMMAND message if V2X policy over  PC5 is included in MANAGE UE POLICY COMMAND message  Sunghoon, Monday, 10:28  Revision required:   1. On the second change:   Shall the UE stop and start both timer if MANAGE UE POLICY COMMAND msg contains only V2X policy over PC5? (either only V2X policy over Uu)  Then one timer (e.g., which has longer value than other) won’t be expired and trigger the UE POLICY PROVISIONING REQUEST.   1. On the third change:   “Cause of start” and “normal stop” look identical. It is not clear when it starts and stops.   1. You may need to change the description on T5010 as well – in ‘normal stop’, MANAGE UE POLICY COMMAND with V2XP   Wen, Tuesday, 5:19  @Sunghoon and Scott: A draft revision to address your comments is available.  Sunghoon, Tuesday, 9:45  @Wen: Looks better now, Thanks for your effort.  I have a few more comments, sorry for late.   1. VALUE section: I think we can add NOTE in the table to say  * The value of this timer is the validity timer value which is one of the configuration parameters for V2X communication over PC5 (see clause 5.2) and it is specified in 3GPP TS 24.588 [7] clause 5.3. * The value of this timer is the validity timer value which is one of the configuration parameters for V2X communication over PC5 (see clause 5.2) and it is specified in 3GPP TS 24.588 [7] clause 5.4.   Just like proposed by C1-206016.   1. You may update coversheet – summary of changes   Scott, Tuesday, 10:12  I am Ok with the draft revision.  Rae, Tuesday, 10:25  Fine with the draft revision and if possible, please add OPPO as the co-source.  Wen, Tuesday, 11:11  @Sunghoon: An updated draft revision is available.  Sunghoon, Tuesday, 11:14  I am Ok with the draft revision.  Wen, Tuesday, 11:14  @Scott: I added CATT as co-signer in the draft revision.  Wen, Tuesday, 11:16  @Rae: I added OPPO as co-source in the draft revision.  Ivo, Tuesday, 12:22  Revision required:  - "V2X policy (V2XP) over PC5" -> "UE policies for V2X communication over PC5"  as this is the term used in 24.588 or "Configuration parameters for V2X communication over PC5" as this is the term used in 24.587  - "V2X policy (V2XP) over Uu" -> "UE policies for V2X communication over Uu" as this is the term used in 24.588 or "Configuration parameters for V2X communication over Uu" as this is the term used in 24.587  - "put in use" -> "start using"  - "Disabling the obsolete V2X policy (V2XP) over PC5" - where is a normative text doing so and what "disabling" means (same as stops using?)?  - "Disabling the obsolete V2X policy (V2XP) over PC5" - where is a normative text doing so and what "disabling" means (same as stops using?)?  - Table 10.2.1, last column - the timers expire only once (not "ON THE 1st, 2nd, 3rd, 4th EXPIRY" as indicated in the heading of the table). I suggest to add a NOTE about this.  Wen, Wednesday, 5:01  An updated draft revision addressing Ivo’s comments is available.  Ivo, Wednesday, 12:08  OK with draft revision. Can you please add Ericsson as cosigner?  Wen, Wednesday, 12:17  I will add Ericsson as cosigner in the revised version. | |
|  |  | | C1-206577 | V2X message family encoding | | | CATT | CR 0132 24.587 Rel-16 | Current status: Agreed  Revision of C1-206202  ---------------------------------------------  Mohamed, Thursday, 9:04  1- The changes made seem to be not based on the last version of TS 24.587 (16.2.1), or something is wrong in general. For example, in subclause 6.1.3.2.1.1, original text without your change is:  ……  d)            if the V2X message contains non-IP data, the V2X message family (see clause 7.1 of 3GPP TS 24.386 [5]) of data in the V2X message;  …..  However in your CR, there is the following:  ……  d)            if the V2X message contains non-IP data, the V2X message family (see clause 9.~~2.1~~x) of data in the V2X message;  …..  And the same in other sections as well.  2- The original text was already referring to clause 7.1 of 3GPP TS 24.386 which already contains the V2X message family encoding. Hence I believe there is no need to repeat the encoding in TS 24.587.  So I feel this CR is not needed.  Ivo, Thursday, 9:45  Revision required: please include entire subclauses.  Scott, Thursday, 10:03  @Mohamed: It is possible that I referred the old 24.587 version. But at least there is one place which is not aligned with the latest description. If no one agrees to rewrite the V2X message family encoding in 5G. I can accept to only revise the only wrong reference .  Scott, Tuesday, 5:30  @Sunghoon: After discussing with my V2X team, I think it is needed to include new V2X message family encoding in 5G. Although, the content is identical in both 4G and 5G at this time. But the V2X message family is non-exhaustive. Any organization can define its own V2X message family and appeal to 3GPP for transmission. It is possible that new V2X message family is only applicable for 5G V2X, not 4G V2X. So I suggest to keep the V2X family coding in 5G, which is also what Ericsson anticipates.  A draft revision based on the latest version of the spec is available.  Sunghoon, Tuesday, 9:26  @Scott: your response was for Mohamed, not me?  Mohamed, Tuesday, 9:37  Ok I see your point. Though I feel there is no need to repeat the table and we can just refer to it, but it is ok with me to proceed as you said, since it is just a minor thing at the end.  Scott, Tuesday, 9:58  Confirms response was for Mohamed. Glad that Mohamed’s concern is addressed.  Ivo, Wednesday, 11:55  The draft revision addresses my comment. | |
|  |  | | C1-206578 | UE PC5 unicast signalling security negotiation | | | CATT | CR 0133 24.587 Rel-16 | Current status: Agreed  Revision of C1-206203  ----------------------------------------------------  Sunghoon, Friday, 9:23  Revision required:   1. Overlap with Qualcomm doc in 6.1.2.7.3 first change. 2. The last change seems wrong, because the signaling security policy is not included if and only if NULL algo is in use, it is not specified in this CR.   Scott, Monday, 11:24   1. -> Please merge my change on 6.1.2.7.3 into your paper C1-205957 and add CATT as the cosigner. 2. -> In Direct Link Establishment Request message, UE PC5 unicast signaling security policy is mandatory. Reversely, UE PC5 unicast signaling security policy is also mandatory if SMC message is triggered by the message whether the signaling security policy is NULL or not.   Sunghoon, Monday, 13:30   1. -> Thanks, I will do that 2. -> Sorry I’ve thought it was for re-keying procedure. Withdraw my comment for 2.   Scott, Tuesday, 4:05  I removed the change on 6.1.2.7.3 and change it to be involved in Sunghoon’s paper. A draft revision is available. | |
|  |  | | C1-206584 | Updates to PC5 unicast link establishment procedure | | | Huawei, HiSilicon / Vishnu | CR 0095 24.587 Rel-16 | Current status: Agreed  Revision of C1-206536  -------------------------------------------------  Revision of C1-206382  Sunghoon, Wednesday, 16:26  6.1.2.2.4 allows the UE may stop T5000 or not.  But the table in 10.3, NOTE 1 says timet T5000 shall not be stopped.  So this discrepancy needs to be resolved.  Vishnu, Wednesday, 16:32  Good catch and thanks for finding it out. It is fixed in a draft revision.  Sunghoon, Wednesday, 16:48  Two more comments:   1. Summary of change – bullet b) ‘shall not’ 2. Clause affected – 6.1.2.7.3 has not been changed.   Vishnu, Wednesday, 19:30  A draft revision is available.  ----------------------------------------------------  Revision of C1-205553  cat ‘C’ in coverpage is different with it in 3GU ‘F’  Mohamed, Thursday, 9:04  About the text added in subclause 6.1.2.2.4:  1- It is not clear what is meant by "Otherwise, the initiating UE shall abort the PC5 unicast link establishment procedure"…i.e. what is the action that will lead to this "Otherwise" statement ?  Is it "if Target User Info IE" is included, OR is it if timer T5000 didn't expire or what ?  ==>I suggest rephrasing this statement here to remove any confusion  2-If timer T5000 expires and the DIRECT LINK ESTABLISHMENT REQUEST message did not include the Target User Info IE, I believe we have two different cases here that we shall make both clear in the specs, as following:  A) If no single DIRECT LINK ESTABLISHMENT ACCEPT was received, then this is an abnormal case and it shall be added to the abnormal cases section. Hence the action could be retransmitting the REQUEST message and restarting the timer.  B) If at least one DIRECT LINK ESTABLISHMENT ACCEPT was received, that means the procedure can be marked as completed and the initiating UE shall not restart the timer (and V2X traffic can start).  Wen, Thursday, 10:19  For the V2X service oriented PC5 unicast link establishment procedure (no target UE’s info), initiating UE is mandatory to wait for the T5000 to expire which doesn't seem reasonable. From my understanding, it is the initiating UE’s implementation. For example, before T5000 expires, initiating UE may have already received the direct communication accept message and initiating UE no longer wants to receive new accept messages.  Sunghoon, Thursday, 12:57  Revision required:   1. Even T5000 stops, what is the problem? Nothing broken. Also, there could be only one UE interested in. So we can keep timer related operation as it is. 2. We can change 6.1.2.2.4 – the UE shall stop timer T5000 if running. 3. Change on 6.1.2.2.4 has conflict with C1-206369 4. Handling of max unicast link part during SMC procedure or authentication procedure seems not necessary, as #”lack of resource” has been specified for the Direct Link reject msg   Why don't send Direct Link Est. Reject instead? We can add description that Direct Link Reject happens during SMC procedure or authentication procedure.   1. 6.1.2.7.5 first change looks wrong. Conditional statement is not necessary. SMC reject can occur even V2X service-oriented link establishment.   Vishnu, Monday, 10:51  @Mohamed: I agree the paragraph that you pointed out is confusing. I have changed it in the new revision as per your suggestion. Only thing is that we believe, if the timer T5000 expires and if the initiating UE has received atleast one DIRECT LINK ESTABLISHMENT ACCEPT message, then its upto the UE implementation to decide what to do ( maybe the initiating UE is expecting more than 1 DLE Accept messages). Please have a look.  @Wen: ‘shall’ is changed to ‘may’ to address your concern. Please check the draft revision.  @Sunghoon: please check the draft revision and find the responses to your comments.  Mohamed, Monday, 12:14  Revision required:  Provides editorial comments on the draft revision.  Sunghoon, Monday, 14:04  Revision required:   1. For the comment in 6.1.2.6.5, it is hard to imagine that UE detects #5 lack of resource for PC5 after DLA or SMC completion. The UE will detect #5 after receive DLA request or SMCommand. So if it is the case, the UE will better to send DLE Reject msg. Otherwise, DLE reject with #5 will never happen. What do you think? 2. For T5000 operation, my comment was what is the issue to stop T5000 in case of V2X service-oriented DLE, then we don’t need the change any T5000 related operation. In my second thought, I think keeping running T5000 til expiry is necessary as the initiating UE shouldn’t accept the further response forever after T5000 stops. So there should be the window for DLE request. In this sense, I withdraw my comment for T5000. 3. Change in 6.1.2.2.6.1, the last wording could be re-worded – ‘the target UE is unreachable’ to ‘no target UE available’, as there was no designated target user info. 4. Please elaborate reason for change rather than referencing DP.   Vishnu, Monday, 14:58  Agrees with Sunghoon’s comments 3 and 4. Asks for clarification on comment 1.  Sunghoon, Monday, 15:18  Provides clarification. Also says he has no strong position.  Vishnu, Monday, 19:32  A draft revision is available.  Mohamed, Monday, 20:14  I am Ok with the draft revision. | |
|  |  | | C1-206608 |  | | |  |  | Withdrawn, tdoc reserved by mistake. | |
|  |  | | C1-206664 | Target UE’s layer-2 ID replacement during PC5 unicast link establishment procedure | | | CATT, Nokia, Nokia Shanghai Bell | CR 0131 24.587 Rel-16 | Current status: Agreed  Revision of C1-206200  ----------------------------------------------  Rae, Thursday, 9:32  This CR seems not needed since:   * No stage 2 requirements; * V2X layer can distinguish the target UE by application layer ID.   Ivo, Thursday, 9:45  Revision required:  - NOTE x "The initiating UE’s layer-2 ID is the original initiating UE’s layer-2 ID which was the target UE’s layer-2 ID used in the transport of DIRECT LINK ESTABLISHMENT REQUEST message" - confusing. why do we need "the original initiating UE’s layer-2 ID which was" part? Wouldn't it be more logical to state "The initiating UE’s layer-2 ID is the target UE’s layer-2 ID used in the transport of DIRECT LINK ESTABLISHMENT REQUEST message"? - 7.3.13.y - "s" seems to be missing after "UE'  Wen, Thursday, 9:58   1. From my understanding, if the new target UE’s L2 ID is included in the authentication request message, it seems no need to include it one more time in the security command message. 2. From security perspective, it is proposed the target UE includes it’s new L2 ID in the direct communication accept message if L2 ID is changed.   Scott, Thursday, 11:00  I would like to clarify the CR as follows:   1. There is no SA2’ requirement, it is the scope to CT1. Because CT1 should ensure the correction of protocol implementation. 2. After the message is ciphered by UE, the peer does not recognize the context of V2X layer. 3. Authentication request message is not mandatory, if there is not the procedure, security command message should include it. 4. The original target UE’s layer-2 ID is default. Multiple target UE can respond to Direct PC5 unicast link message. If there is no immediate update of new assigned layer-2 ID. how does the initiating UE distinguish the response of different target UE only based on the initiating UE layer-2 and default target UE layer-2 ID. If the new assigned target UE’s layer-2 ID is included in direct pc5 unicast link accept message, it is too late to handle the multiple response of target UEs in initiating UE. 5. UE layer-2 ID is not the information that should be security protected. E.g. they is exposed to the header of v2x message.   Scott, Thursday, 11:26  Provides answers to Ivo’s comments. Accepts to fix the typo but pushes back on the other comments.  Rae, Friday, 5:06  I still think if the issue exists, stage 2 should be updated firstly, same as the link identifier update procedure. In my understanding, the initiating UE will check the destination L2 ID of the received message is its L2 ID. If yes, then pass the message to v2x layer to read the PC5-S message. The same mechanism is used for ProSe Model A discovery + link setup.  Wen, Friday, 8:19  TS 23.287 says “During the PC5 unicast link establishment procedure, Layer-2 IDs are exchanged, and should be used for future communication between the two UEs, as specified in clause 6.3.3.1.”  Rae, Friday, 10:24  States that more clarification is needed. Explains why.  Christian, Friday, 11:46  We do not agree with the reason for change of this CR. In our view, the initiating UE just needs to receive corresponding PC5 signaling messages on its source L2 ID (as the destination L2 ID for receiving), and therefore this CR is simply not needed.  Ivo, Friday, 13:48  Still think the text in NOTE x is rather complex.  Scott, Friday, 16:02  @Christian: I think your concern is addressed in SA2 spec. Moreover, there are some issues I have proposed in cover sheet. Because the initial target UE’s layer-2 ID is default, there are multiple responses from different target UE.  Scott, Friday, 16:41  Provides answers to Rae’s comments.  Rae, Monday, 11:46  Argues that the solution proposed in the CR does not solve the issue.  Scott, Monday, 15:00  @Rae: The process is:  UE1 transmits PC5 unicast establishment message to UE2 with pair （initiating UE’s layer-2 ID, default target UE’s layer-2 ID) And UE receives the SMC with pair （initiating UE’s layer-2 ID, default target UE’s layer-2 ID) also. And UE1 transfers the SMC to upper layer for parsing the new target UE’s layer-2 ID.  Rae, Tuesday, 8:40  @Scott: Now I understand your solution better. For me, this solution is a kind of optimization.  I think the main reason for change is that you think it is not safe for UE1 if it only check whether its own L2 ID is the destination L2 ID of the receive message, instead of checking the pair of L2 IDs.  If this is true, should SA3 handle this issue firstly?  Scott, Tuesday, 9:31  @Rae: I think it is not just optimization to use UE’s layer-2 ID pair to identify the message. It is a principle since in PC5 unicast link, it is a D2D communication. UE’s layer-2 ID pair is used to identify a PC5 unicast link. For sure, UE’s layer-2 ID pair is used to identify the message in this PC5 unicast link.  If we identify the packet based on only its own layer-2 ID, in principle it is not a bidirectional communication. It is a unidirectional communication.  Also there are many drawbacks to use its own layer-2 ID to identify the message received:   1. Unnecessary processing cost in both lower layer and upper layer. 2. Easy to be attacked by the vicious third party.   Behrouz, Tuesday, 17:58  Objection. The CR is not needed:  1) For V2X service-oriented method: the Link Establishment Request message is sent to broadcast L2 ID defined for the V2X service. This broadcast L2 ID is **not** re-used by target UE. Target UE assigns itself a L2 ID and uses it during authentication and/or security establishment procedures and with DCA message and for data transfer.  2) initiating UE will not be confused when receiving multiple responses to its broadcast DCR. This has been defined in SA2/SA3 and thoroughly discussed. The unicast link is identified by the pair of src/dest L2 IDs. This is the basis of eV2X PC5 communication.  3) From V2X user-oriented method: the target UE is identified by including the target user info. The destination L2 ID is still the broadcast L2 ID for the V2X service. As for service-oriented method, this broadcast L2 ID is **not** re-used by target UE. Target UE assigns itself a L2 ID and uses it during authentication and/or security establishment procedures and with DCA message and for data transfer of course.  Scott, Tuesday, 19:26  What Behrouz described is not aligned with what he said during CT1 conference call, and not aligned with SA2 spec.  Behrouz, Tuesday, 21:28  No technical comments made during CT1 conference call, my technical comments are provided above.  Scott, Wednesday, 5:03  I claim that SA2 specified a new target UE’s layer-2 ID should be included in security establishment procedure message to initiating UE. Please do not challenge the motivation of the paper. Please dive into the detail of the paper and make sure if there is technical problems.  A draft revision based on Ericsson’s comments and with SA2’s requirements added in the coversheet is available.  Behrouz, 6:38  The text you are referring to in SA2 doesn’t say that the L2 ID is included in the PC5 message. It’s the L2 ID that is part of the PC5 message header. We agree with the motivation of the paper but we don’t agree with the proposed solution to the problem. The problem described in the paper may only happen when the DCR (Link Establishment Req) is sent as a unicast message. In that case, the initiating UE knows that it has sent a unicast DCR message and should be able to handle the scenario. We may need some text to describe the initiating UEs behavior when this case happens. In the case of a unicast direct link establishment request, the target UE (UE2) assigns itself a new L2 ID, as specified in the spec. The source UE (UE1) expects that UE2 will use this new L2 ID in subsequent authentication and/or security procedures and on the link establishment accept. We do not believe that UE1 will get confused when receiving these messages using UE2’s new L2 ID since it’s defined that way in the specs. If you still think that UE1 may get confused then we would prefer that clarifications be added to the specs to avoid confusion rather than modifying the messages and procedures and adding more data in the payload of the messages.  Mohamed, Wednesday, 8:54  @Behrouz: Regarding this part in your comment:  “We do not believe that UE1 will get confused when receiving these messages using UE2’s new L2 ID since it’s defined that way in the specs. If you still think that UE1 may get confused then we would prefer that clarifications be added to the specs to avoid confusion rather than modifying the messages and procedures and adding more data in the payload of the messages.”  I think this is the main part that causes differences in yours and Scott’s view. I do believe UE1 would get confused in some scenarios; that’s why we have this proposal form Scott to resolve this confusion.  For example, see the following scenario:   1. UE1 stats Direct Link Establishment procedure by sending a message directed to UE2, including the Default UE2 L2ID 2. Then immediately, UE1 stats a new Direct Link Establishment procedure by sending a message directed to UE3, including the Default UE3 L2ID (before getting any reply from UE2 in step (1) above). 3. Now the two UEs (UE2 and UE3) reply in the same time to UE1, with an Authentication Request message. Here comes the problem:    1. With current specs: the two UEs will reply to UE1 using the NEW assigned L2IDs that they created…then how UE1 will know which UE of them replied with which message ? since both are replying with new L2IDs then there is no way to know.    2. With Scott’s proposal: the two UEs will reply to UE1 using the default L2IDs that were used by UE2, and hence UE1 would know which reply comes from which UE. And in the reply message itself (Authentication Request), the two UEs will include their new L2IDs such that UE1 can store those IDs and use those IDs for future communication (i.e. after the Direct Link Establishment procedure is completed).   That’s why the proposal in C1-206200 is solving a real issue I believe.  Scott, Wednesday, 9:33  @Behrouz: From SA2’s specification, I did see and restriction on how to transmit the new target UE layer-2 ID. I am fine to transmit the new target UE layer-2 ID along with the authentication and/or security procedures. I think it is needed to emphasize the the time of new target UE’s layer-2 ID should precede authentication and/or security procedures. And I also added the replacement operation of target UE layer-2 after a new target UE layer-2 ID is received from lower layer.  A draft revision covering this solution is available.  Christian, Wednesday, 11:34  We agree that there is need of updates to TS 24.587 because of stage 2 and the latest proposal (draft) is fine by us.  Scott, Wednesday, 11:35  As I mentioned in last email, I did get to how the new target UE’s layer-2 ID is transmitted to the initiating UE in SA2. There are two ways I think:  Solution1: Transmission through V2X message like SMC and authentication message(rev1).  Solution2: Transmission along with V2X message like SMC and authentication message(rev2).  My initial preference on soution1 is based on the following principle: layer-2 ID is produced in upper layer, It should firstly be changed in the upper layer and transmitted to lower layer to update, considering some confusion in initiating UE as well as avoiding to process unknown message. So I proposed the solution1. And Behrouz proposed that solution 2 is the consensus in SA2.  Right now, I propose the solution papers to the two proposals. At least, I have no strong preference for other one as I said in the last email. But I can give some basic principle and analyze the prons and cons for each one， which is helpful to reach the consensus.  Apart from Mohamed’s case, I think the biggest concern possibly takes place during the security mode control procedure. Because if the multiple Security Mode Command messages are sent to the initiating UE, it will lead to bigger chaos in the initiating UE because the IEs in SMC message needs to work together with the IEs in Unicast Link Establishment Request to generate Key ID and so on. At least, this issue needs the checking in SA3. Anyway, we are on the right track I think.  Ivo, Wednesday, 11:59  My previous comments were addressed in the draft revision. However, one new editorial comment - please do not use curly apostrophe (UE’s -> UE's).  Sunghoon, Wednesday, 13:28  Provides editorial comments on the latest draft revision.  Scott, Wednesday, 15:49  An updated draft revision is available.  Behrouz, Wednesday, 16:08  @Mohamed: I have forwarded your mail and will, hopefully, get back to you soon  Mohamed, Wednesday, 16:14  @Behrouz: check Scott’s latest draft revision, it might resolve the issues you raised.  Behrouz, Wednesday, 20:09  Provides answers to Scott and Mohamed, and an updated draft revision.  Scott, Thursday, 3:53  @Behrouz: your reply addressed my concerns. I am Ok with your draft revision, even though I prefer the previous revision.  Sunghoon, Thursday, 7:29  Draft revision looks good except that I would like to request: revert back NOTE in rev2: Peer UE may use same L2 IDs that has previously used for the PC5 unicast link with the same peer.  Mohamed, Thursday, 7:57  Ok with latest draft revision.  Scott, Thursday, 8:04  I will revert the deletion of the NOTE as request by Sunghoon.  Mohamed, Thursday, 8:11  Ok with adding the NOTE. It should be rephrased to be aligned with existing terminology (L2 ID -> Layer-2 ID, etc).  Scott, Thursday, 8:19  Ok I will align the terminology.  Sunghoon, Thursday, 10:07  Ok with the wording of the NOTE used in rev2.  Scott, Thursday, 10:10  @Sunghoon: Ok. | |
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|  | RACS (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of optimizations on UE radio capability signalling | |
|  |  | | [C1-206029](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206029.zip) | Correction on UE behaviour for RACS | | | MediaTek Inc. / Carlson | discussion Rel-16 |  | |
|  |  | | [C1-206030](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206030.zip) | Correction on UE behaviour for RACS | | | MediaTek Inc. / Carlson | CR 3439 24.301 Rel-16 |  | |
|  |  | | [C1-206031](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206031.zip) | Correction on UE behaviour for RACS | | | MediaTek Inc. / Carlson | CR 3440 24.301 Rel-17 |  | |
|  |  | | [C1-206032](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206032.zip) | Correction on UE behaviour for RACS | | | MediaTek Inc. / Carlson | CR 2673 24.501 Rel-16 |  | |
|  |  | | [C1-206033](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206033.zip) | Correction on UE behaviour for RACS | | | MediaTek Inc. / Carlson | CR 2674 24.501 Rel-17 |  | |
|  |  | | [C1-206037](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206037.zip) | Correction on UE radio capability ID availability IE | | | MediaTek Inc. / Carlson | CR 3442 24.301 Rel-16 |  | |
|  |  | | [C1-206038](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206038.zip) | Correction on UE radio capability ID availability IE | | | MediaTek Inc. / Carlson | CR 3443 24.301 Rel-17 |  | |
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|  | 5G\_SRVCC (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of single radio voice continuity from 5GS to 3G | |
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|  | xBDT (CT3 lead) | |  | Peter – Main | | |  |  | CT aspects on 5GS Transfer of Policies for Background Data | |
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|  | IAB-CT (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of support for integrated access and backhaul (IAB) | |
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|  | 5GS\_OTAF (CT4 lead) | |  | Peter – Main | | |  |  | 5GS Enhanced support of OTA mechanism for UICC configuration parameter update | |
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|  | 5G\_URLLC (CT4 lead) | |  | Peter – Main | | |  |  | CT aspects of CT Aspects of 5G URLLC | |
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|  | SEAL | |  | Lena – Breakout | | |  |  | CT aspects of Service Enabler Architecture Layer for Verticals | |
|  |  | | [C1-205988](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205988.zip) | Remove the protection type in the XML schema | | | Huawei, HiSilicon / Chen | CR 0005 24.548 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206280](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206280.zip) | Stage 3 procedure overlap | | | Ericsson / Mikael | CR 0007 24.548 Rel-16 | Postponed  Requested by author  Chen, Friday, 8:01   * in Clause 6.2.3.2.2, the message from the SNRM-S to SNRM-C should not be removed * in Clause 6.2.3.5.2, the same as above * in Clause 6.2.3.9.2, the same as above   Mikael, Friday, 12:34  I agree with Chen’s comments and will prepare a revision.  Sapan, Monday, 13:37  Clarification required:  As of now in frozen Rel-16, there are two ways of SEAL server and VAL server communications (one defined in CT1 and another in CT3). You have proposed to remove procedures from CT1, so are you planning to bring contributions to add such procedures in CT3?  We see that this contribution is not FASMO and non backword compatible and should not be submitted to Rel-16.  Mikael, Monday, 14:19  Could you clarify what you mean with “two ways of SEAL server and VAL server communications”? It sounds like you imply that there are two alternatives for the stage 3 protocol requirements.  As we see it, there is a duplication of specification of stage 3 protocol requirements. This is normally not done but the protocol for any specific part shall be specified in only one place. The justification is obvious; risk of misalignment, maintenance effort, interoperability failure due to implementations based on one or the other alternative. We see no reason not to correct this in R16.  Sapan, Monday, 15:55  By two ways – I mean procedures (i.e. HTTP Request/Response) as defined in CT1 and RESTfull APIs as defined n CT3.  Stage#2 has defined procedures and APIs both – and equivalent stage#3 implementations are present in CT1 and CT3. Are you planning to bring contributions to add procedures in CT3 (which are proposed to remove in this contribution)?  As Rel-16 is already Frozen and now removing procedures means removing features – and so it is not a FASMO.  Mikael, Monday, 16:10  Ok, then I understand what you mean, and we disagree.  The CT3 stage 3 specification is complete, also covering procedures, so nothing needs to be added.  Two alternative ways to specify will result in interoperability failure if one end implements following CT1 and the other side following CT3. Clear FASMO.  So, from our point of view, as for resolving the CT1/CT3 overlapping stage 3 for V2XAPP in last meeting, SEAL stage3 overlap also needs to be resolved.  Sapan, Tuesday, 7:59  @Mikael: We do not see CT1 and CT3 implementation as interoperability issue.   * If VAL service provider and SEAL service provider are same, then service provider will make sure that both implementations are aligned. * If both service providers are different, then as specified in SA6, they need to have service level agreement between them.   Regarding V2XAPP, we decided to go with rapporteur’s decision as rapporteur can better decide whether any contribution is proper for Rel-16 specification or not.  Christian, Tuesday, 9:29  Objection:  We object the CR in C1-206280 for the following reasons:   1. we do not agree with the reason for change of the CR as it is misleading. For example, the cover sheet claims that, quote “Duplicated stage 3 requirements risks misalignment and contradictions leading to incompatible implementations”. When checking TS 24.548 and TS 29.549, we fail to see such a claimed duplication; 2. as a matter of fact, the procedures defined by TS 24.548 are not defined in the present version of TS 29.549. Hence, the cover sheet does not reflect reality; 3. the CR is even more misleading as it further removes messages between the server and the client for SEAL network resource management (SEAL NRM). Hence, if the CR is agreed, the SEAL NRM functionality cannot be implemented in its entirety.   Mikael, Tuesday, 19:38  @Christian: my understanding of all three bullets (correct me if I misunderstand) is that you believe the CR proposes to delete something in 24.548 what is not included in 29.549. It is not clear to me exactly what you believe is proposed to be removed that is not present in 29.549, but in bullet 3 you refer to messages between client and server for SEAL NRM.  So are your comments actually the same as commented by Chen on Friday:  “in Clause 6.2.3.2.2, the message from the SNRM-S to SNRM-C should not be removed  in Clause 6.2.3.5.2, the same as above  in Clause 6.2.3.9.2, the same as above”  that I responded, to also on Friday, will be fixed in a revision.  I can confirm I have not shared a new revision yet, but I have one ready.  So could you maybe clarify with some more detail, in case you now have additional comments to what was given on Friday?  Christian, Wednesday, 8:54  First of all, I personally would like to have VAL server related procedures under CT3 work, if possible.  That being said, I believe that our comments to C1-206280 are very clear, quote:   1. we do not agree with the reason for change of the CR as it is misleading. For example, the cover sheet claims that, quote “Duplicated stage 3 requirements risks misalignment and contradictions leading to incompatible implementations”. When checking TS 24.548 and TS 29.549, we fail to see such a claimed duplication; 2. as a matter of fact, the procedures defined by TS 24.548 are not defined in the present version of TS 29.549. Hence, the cover sheet does not reflect reality; 3. the CR is even more misleading as it further removes messages between the server and the client for SEAL network resource management (SEAL NRM). Hence, if the CR is agreed, the SEAL NRM functionality cannot be implemented in its entirety.   Apologies for repeating the arguments but based on our analysis of both TS 24.548 and TS 29.549, your company claims are incorrect. TS 29.549 fails to define all procedures C1-206280 wants to delete from TS 24.548. Hence, our view is that the procedures should remain in TS 24.548.  If we are wrong in our analysis, please prove us that TS 29.549 cover all procedures and text your colleague is deleting from TS 24.548 in C1-206280.  As for 3), as you indicate, we have not received any draft version fixing that issue yet which for us is essential. Again, C1-206280 makes that SEAL NRM does not work in all cases. This is not acceptable. If you provide a revision fixing this issue, then our concern captured by the bullet item 3) will be resolved.  In short, based on present TS 29.549 we believe that the reason for change and proposal from the CR in C1-206280 is misleading/wrong.  Mikael, Wednesday, 9:17  @Christian: did you identify any issues beyond what Chen already commented on Friday? I still do not understand as you are a bit to generic in your comments. In particular, do you have any concerns with the proposed changes of clause 6.2.2 or are the concerns limited to clause 6.2.3?  I want to understand this before providing a draft, so that as much as possible can be taken on board. Also provides detailed responses to each of Christian’s points.  Mikael, Wednesday, 14:17  While waiting for further clarification on possible additional issues, I provide a draft revision attempting to fix issues as commented by Chen on Friday.  As resolving the duplication in 6.2.3 are not trivial, maybe you want some more time to review, so a possible way to progress in this meeting could be to keep the changes only for 6.2.2 and address 6.2.3 in next meeting.  Chen, Thursday, 9:54  As Christian and Sapan indicated, TS 29.549 of CT3 has not specified these procedures between the VAL server and SNRM-S, therefore there are not overlaps by now. we should not progress this CR in this meeting and study all in November after the CT3 meeting is over. It is not straight forward to remove all procedures in CT1 (which are defined using HTTP and linked with the request/responses to/from SNRM-S and the SNRM-C by the CT3 procedures based only on APIs. From TS 24.548 it seems that the whole procedures become disconnected and unsure if all works together. Again, we need time to check procedure by procedure and in both TS 24.548 and TS 29.549 so that when removing the procedures from TS 24.548 all works afterwards.  Mikael, Thursday, 10:39  Ok. @Lena: please mark C1-206280 postponed. | |
|  |  | | [C1-206281](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206281.zip) | Alignment to stage 2 requirements | | | Ericsson / Mikael | CR 0030 24.545 Rel-16 | Postponed  Requested by author  Sapan, Friday, 23:28  Objection:   * The procedure to query list of users based on location is based on reference points SEAL-X2 (defined in clause 6.5.2.9.3 of TS 23.434) – which is between SGM-S and SLM-S. * The equivalent procedure is present clause 10.3.7.   So, we should not remove the procedures from stage#3.  Mikael, Monday, 14:10  We do not quite share your understanding. What is defined for SEAL-X2 in 23.434 between SGM-S and SLM-S in clause 6.5.2.9.3 is the reference point. For the procedure in clause 10.3.7, steps 2 and 4 have no corresponding API is defined (should have been in 10.4, but there is nothing for this part). It can also be noted that CT3 considers this not part of R16.  So in our understanding the required stage 2 has not been specified for R16, and we are not aware of any intentions to do this work in SA6 either. Thus stage 3 should align to the actual status, and we can then consider including it for R17 once SA6 work has been done.  Sapan, Monday, 15:58  As I see and understand stage#2, the required details for querying list of UEs based on location is properly defined as form of request/response procedure. And similar implementation is present in CT1.  If you remove CT1 defined procedures over SEAL-X2 interface, then the feature will break.  For SEAL, stage#2 has defined request/response procedures for different features and identified few procedures to be implemented as RESTfull APIs also. There is no API specified in SA6 for querying list of UEs based on location. If you want to add such APIs, it needs to be added in SA6. But because API is not present, we should not remove request/response based procedures from CT1.  Sorry, I cannot agree to this CR.  Mikael, Thursday, 11:16  @Sapan: Our view is that the feature will not break because of “aligning” stage 3. We see the part of the feature in question not specified as needed in stage 2 and therefore not to be included in R16. This was also the conclusion in CT3, stated by the Samsung delegate (according to information I received), and therefore not included in CT3 specification as otherwise would have been expected for this network internal part of the procedure.  Anyway, let’s park this for now and we can study the specification status further.  @Lena, please mark C1-206281 postponed. | |
|  |  | | [C1-206282](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206282.zip) | Alignment to stage 2 requirements | | | Ericsson / Mikael | CR 0008 24.544 Rel-16 | Postponed  Requested by author  Sapan, Friday, 23:30  Objection:   * The procedure to query list of users based on location is based on reference points SEAL-X2 (defined in clause 6.5.2.9.3 of TS 23.434) – which is between SGM-S and SLM-S. * The equivalent procedure is present clause 10.3.7.   So, we should not remove the procedures from stage#3.  Mikael, Thursday, 11:17  Same as for C1-206281, lets part this topic for now.  @Lena: please mark C1-206282 postponed. | |
|  |  | | [C1-206284](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206284.zip) | Corrections to group creation procedure | | | Samsung / Sapan | CR 0009 24.544 Rel-16 | Current status: Agreed | |
|  |  | | [C1-206286](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206286.zip) | Corrections to group modification procedure | | | Samsung / Sapan | CR 0011 24.544 Rel-16 | Current status: Agreed | |
|  |  | | C1-206580 | Correct location trigger configuration | | | Samsung / Sapan | CR 0031 24.545 Rel-16 | Current status: Agreed  Revision of C1-206283  ---------------------------------------------  Chen, Friday, 8:00   * cover page: 23.545->24.545; * VAL server procedure is not in the scope of the spec.   Sapan, Monday, 13:39  @Chen: I will change the cover sheet to refer to proper specification number.  Regarding VAL server procedure, we are discussing separately in C1-206280. Based on conclusion, I will keep or remove the VAL server procedure. I hope it is fine with you.  Sapan, Wednesday, 8:21  @Chen: A draft revision is available. I have modified   * the cover page as per the comment. * Added <endpoin-info> XML element as requested during partial merge in C1-205987.   Let me know if you would like to co-sign.  Chen, Wednesday, 8:55  Huawei would like to co-sign but there are more comments:   * Remove the <identity> element in clause 6.2.5.3 as discussed in C1-206295 * Add 7.4.2 in the Clauses affected of the cover page   Sapan, Wednesday, 9:02  An updated draft revision is available.  Chen, Wednesday, 11:54  Draft revision looks OK with me. A minor comment: “a <VAL-user-id> child element”, “child” can be deleted to be aligned with others.  Please delete the “child” before final submitting. | |
|  |  | | C1-206581 | Adding Identity List notification and corrections to group announcement procedure | | | Samsung / Sapan | CR 0010 24.544 Rel-16 | Current status: Agreed  Revision of C1-206285  Sapan, Thursday, 12:48  In this revision I removed changes over changes and also made other corrections (copy-paste issue).  -------------------------------------------------  Chen, Friday, 8:00   * In the Reason for Change, if **thre** is privacy concern * In bullet c) of Clause 6.2.7.3.3, shall sent -> shall send   Sapan, Monday, 13:38  Accepts the comments, will provide revision.  Sapan, Wednesday, 8:29  I have taken all of Chen’s comments onboard in a draft revision.  Chen, Wednesday, 8:45  I am Ok with the draft revision. Please remove the changes on changes before submitting. | |
|  |  | | C1-206602 | Add the XML schema of identity | | | Huawei, HiSilicon / Chen | CR 0028 24.545 Rel-16 | Current status: Agreed  Revision of C1-205986  ----------------------------------------------  Sapan, Friday, 22:51  Request for revision:   * The schema (in clause 7.4.2) proposes 3 child elements – User ID, UE ID and Group ID, but the structure (in clause 7.3) and the data semantics (in clause 7.5) have only 2 elements as child elements (User ID and Group ID). Kindly align all the clauses – to define same child elements.   Chen, Monday, 10:18  A draft revision is available.  Sapan, Monday, 12:35  I am Ok with the draft revision. | |
|  |  | | C1-206603 | Update to the client-triggered or VAL server-triggered location reporting procedure | | | Huawei, HiSilicon / Chen | CR 0029 24.545 Rel-16 | Current status: Agreed  Revision of C1-205987  ---------------------------------------------------  Sapan, Friday, 23:02  Request for revision:   * The changes you have proposed are based on incoming LS (C1-204653) in CT1#125 meeting. But I see that not all changes from the LS are taken care of. * Samsung has similar contribution in C1-206283 and it has covered all required changes from the incoming LS. * Request you to keep changes related to “MinimumIntervalLength” in your CR and merge changes related to “endpoint-info” into C1-206283 – so that both CRs can proceed.   Chen, Monday, 10:30  I agree on the partial merge. However, as commented for the C1-206283, the VAL server related procedures are in CT3’s scope, not in CT1’s scope. So the VAL server related procedures need to be removed for C1-206283.  On the other hand, for the XML schema, please add the "EndpointInfo" element as described in C1-205987, and then I remove it and keep "MinimumIntervalLength" only.  Sapan, Monday, 13:41  I will add “EndpointInfo” in C1-206283. Regarding VAL server procedure, I have replied in C1-206283.  Chen, Wednesday, 7:01  The “EndpointInfo” is removed from C1-205987 and a draft revision of C1-205987 is now available.  By the way, as discussed in the thread of C1-205989, please use the suffix “-info”.  Sapan, Wednesday, 8:15  I am Ok with the draft revision. For C1-206283, I have already used <endpoint-info> as element name. I will be adding it to XML schema as requested. | |
|  |  | | C1-206669 | Correction of SNRM-C requirements | | | Ericsson / Mikael | CR 0006 24.548 Rel-16 | Current status: Agreed  Revision of C1-206278  ------------------------------------------------  Chen, Friday, 8:00  "void" can be safely removed.  Mikael, Friday, 12:31  @Chen: I will revise the CR accordingly.  Mikael, Tuesday, 21:13  A draft revision is available.  Chen, Wednesday, 8:28  I am Ok with the draft revision. | |
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|  | Other Rel-16 non-IMS issues | |  | Peter – Main | | |  |  | Other Rel-16 non-IMS topics | |
|  |  | | [C1-205816](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205816.zip) | Alignment of User Plane Integrity Protection description | | | Deutsche Telekom AG | CR 2614 24.501 Rel-16 |  | |
|  |  | | [C1-205817](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205817.zip) | Alignment of User Plane Integrity Protection description | | | Deutsche Telekom AG | CR 2615 24.501 Rel-17 |  | |
|  |  | | [C1-206080](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206080.zip) | Correction on IE coding for DRX parameter in NB-S1 mode | | | Huawei, HiSilicon, InterDigital/Lin | CR 3446 24.301 Rel-16 |  | |
|  |  | | [C1-206081](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206081.zip) | Correction on IE coding for DRX parameter in NB-S1 mode | | | Huawei, HiSilicon, InterDigital/Lin | CR 3447 24.301 Rel-17 |  | |
|  |  | | [C1-206082](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206082.zip) | Providing undefined IEIs | | | Huawei, HiSilicon/Lin | CR 3448 24.301 Rel-16 |  | |
|  |  | | [C1-206083](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206083.zip) | Providing undefined IEIs | | | Huawei, HiSilicon/Lin | CR 3449 24.301 Rel-17 |  | |
|  |  | | [C1-206291](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206291.zip) | Correcting hanging text and other errors | | | Intel | CR 0026 24.250 Rel-16 |  | |
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|  | Wis for IMS | |  | Jörgen – Breakout | | |  |  | **All work items complete** | |
|  | MCCI\_CT | |  |  | | |  |  | Mission Critical Communication Interworking with Land Mobile Radio Systems | |
|  |  | | [C1-206374](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206374.zip) | Identifying LMR type in MCData SDS interworking | | | Sepura Ltd | CR 0006 29.582 Rel-16 |  | |
|  |  | | [C1-206376](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206376.zip) | Identifying LMR type in MCData SDS interworking | | | Sepura Ltd | CR 0007 29.582 Rel-17 | MCProtoc17 not to bee shown on the cover sheet | |
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|  | MCProtoc16 | |  | Jörgen – Breakout | | |  |  | Protocol enhancements for Mission Critical Services for Rel-16 | |
|  |  | | [C1-206104](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206104.zip) | Correct 9.2.2.2.3 p-id-fa to p-id R16 | | | FirstNet / Mike | CR 0645 24.379 Rel-16 |  | |
|  |  | | [C1-206105](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206105.zip) | Correct 9.2.2.2.3 p-id-fa to p-id R17 | | | FirstNet / Mike | CR 0646 24.379 Rel-17 |  | |
|  |  | | [C1-206107](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206107.zip) | Correct edits in MCPTT user profile XML schema | | | FirstNet / Mike | CR 0154 24.484 Rel-16 |  | |
|  |  | | C1-206172 | Correct 9.2.2.2.3 p-id-fa to p-id R16 | | | FirstNet / Mike | CR 0647 24.379 Rel-16 | Withdrawn | |
|  |  | | C1-206173 | Correct 9.2.2.2.3 p-id-fa to p-id R17 | | | FirstNet / Mike | CR 0648 24.379 Rel-17 | Withdrawn | |
|  |  | | C1-206175 | Correct edits in MCPTT user profile XML schema | | | FirstNet / Mike | CR 0155 24.484 Rel-16 | Withdrawn | |
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|  | MuD | |  | Jörgen – Breakout | | |  |  | Multi-device and multi-identity | |
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|  | IMSProtoc16 | |  | Jörgen – Breakout | | |  |  | IMS Stage-3 IETF Protocol Alignment for Rel-16 | |
|  |  | | [C1-206268](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206268.zip) | Discussion on request for user information | | | Lenovo, Motorola Mobility | discussion |  | |
|  |  | | [C1-206269](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206269.zip) | IMS behavior when user information is requested for EPS fallback | | | Lenovo, Motorola Mobility | CR 6452 24.229 Rel-16 |  | |
|  |  | | C1-206448 | IMS behavior when user information is requested for EPS fallback | | | Lenovo, Motorola Mobility | CR 6453 24.229 Rel-17 | Revision of C1-206270 | |
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|  | eMCData2 | |  | Jörgen – Breakout | | |  |  | CT aspects of Enhancements to Functional architecture and information flows for Mission Critical Data | |
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|  | E2E\_DELAY (CT4) | |  | Jörgen – Breakout | | |  |  | CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI | |
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|  | VBCLTE (CT3 lead) | |  | Jörgen – Breakout | | |  |  | Volume Based Charging Aspects for VoLTE CT  (CT1 no longer impacted) | |
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|  | ISAT-MO-WITHDRAW | |  | Jörgen – Breakout | | |  |  | Withdrawal of TS 24.323 from Rel-11, Rel-12, Rel-13  No CRs needed, listed for the sake of completeness | |
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|  | MONASTERY2 | |  | Jörgen – Breakout | | |  |  | Mobile Communication System for Railways Phase 2 | |
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|  | eIMS5G\_SBA | |  | Jörgen – Breakout | | |  |  | CT aspects of SBA interactions between IMS and 5GC | |
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|  | enh2MCPTT-CT | |  | Jörgen – Breakout | | |  |  | Enhancements for Mission Critical Push-to-Talk CT aspects | |
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|  | eIMSVideo | |  | Jörgen – Breakout | | |  |  | Video enhancement of IMS CAT/CRS/announcement services | |
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|  | Other Rel-16 IMS & MC issues | |  | Jörgen – Breakout | | |  |  | Other Rel-16 IMS topics | |
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|  | Release 17  work items | | Tdoc | Title | | | Source | Tdoc info | Result & comments | |
|  | Tdocs on work items | |  |  | | |  |  |  | |
|  | Work Item Descriptions | |  | Peter - Main | | |  |  | New and revised Work Item Descritpions | |
|  |  | | [C1-205907](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205907.zip) | Revised WID on CT aspects of 5GC architecture for satellite networks | | | Qualcomm Incorporated / Amer | WID revised Rel-17 | CT1 lead, CT4, CT6 impact | |
|  |  | | [C1-205943](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205943.zip) | Revised WID on Authentication and key management for applications based on 3GPP credential in 5G | | | Qualcomm Incorporated / Lena | WID revised Rel-17 |  | |
|  |  | | [C1-205861](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205861.zip) | New WID on CT aspects of enhanced support of industrial IoT | | | Nokia, Nokia Shanghai Bell | WID new Rel-17 | CT1 lead, CT3, CT4 impact | |
|  |  | | [C1-205933](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205933.zip) | New WID on CT aspects of Access Traffic Steering, Switch and Splitting support in the 5GS Phase 2 | | | ZTE / Joy | WID new Rel-17 | CT1 lead, CT3, CT4 impact | |
|  |  | | [C1-206052](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206052.zip) | CT aspects of 5G ProSe | | | OPPO | WID new Rel-17 | CT1 lead, CT3, CT4, CT6 impact  Competing with C1-206300 | |
|  |  | | [C1-206064](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206064.zip) | New WID on Enhancement of Network Slicing Phase 2 | | | ZTE | WID new | CT1 lead, CT3, CT4 impact | |
|  |  | | [C1-206204](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206204.zip) | New WID on Reliable Data Service Serialization Indication | | | Intel / Vivek | WID new Rel-17 | CT1 lead, CT3 impact | |
|  |  | | [C1-206288](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206288.zip) | CT aspects for Enabling Edge Applications | | | Samsung / Sapan | WID new | CT3 lead, CT1 impact | |
|  |  | | [C1-206290](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206290.zip) | New SID on CT aspects of Support for Minimization of service Interruption (MINT-CT) | | | LG Electronics | SID new Rel-17 | Revision of C1-205301  CT1 lead | |
|  |  | | C1-206299 | New WID on CT aspects of Enhancement for Proximity based Services in 5GS | | | CATT | WID new Rel-17 | Withdrawn | |
|  |  | | [C1-206300](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206300.zip) | New WID on CT aspects of Enhancement for Proximity based Services in 5GS | | | CATT | WID new Rel-17 | CT1 lead, CT3, CT4, CT6 impact  Competing with C1-206052 | |
|  |  | | [C1-206385](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206385.zip) | CT aspects on support for Signed Attestation for Priority and Emergency Sessions | | | Ericsson LM | WID new Rel-17 | CT1 lead, CT3 impact | |
|  |  | | [C1-206442](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206442.zip) | New WID on Enabling Multi-USIM devices | | | Intel / Vivek | WID new Rel-17 | CT1 lead, CT3, CT4 impact | |
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|  | CRs and Discussion Documents related to new or revised Work Items | |  | Peter - Main | | |  |  | CRs and Disc papers related to new Work Items | |
|  |  | | [C1-205942](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205942.zip) | Analysis of CT1 impacts of AKMA | | | Qualcomm Incorporated / Lena | discussion Rel-17 |  | |
|  |  | | [C1-205944](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205944.zip) | Key Issues for MINT | | | Qualcomm Incorporated / Lena | discussion Rel-17 |  | |
|  |  | | [C1-205958](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205958.zip) | Discussion paper on FS\_ID\_UAS | | | Qualcomm Korea | discussion Rel-17 |  | |
|  |  | | [C1-206051](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206051.zip) | Discussion on CT impacts of 5G\_ProSe | | | OPPO / Rae | discussion |  | |
|  |  | | [C1-206063](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206063.zip) | Impacts of eNS\_Ph2 to CT WGs | | | ZTE | discussion |  | |
|  |  | | [C1-206292](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206292.zip) | Discussion on the FS\_MINT-CT | | | LG Electronics / SangMin | discussion Rel-17 |  | |
|  |  | | [C1-206298](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206298.zip) | Discussion on work of Proximity based Services in CT | | | CATT | discussion Rel-17 |  | |
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|  | Status of other Work Items | |  | Peter - Main | | |  |  | Status information on other relevant Rel-17 Work Items | |
|  |  | | [C1-206311](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206311.zip) | Update on state of Rel-17 enhancements for non-public networks (eNPN) in other WGs | | | Ericsson / Ivo | discussion Rel-17 |  | |
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|  | Release 17 documents for information | |  | Peter - Main | | |  |  | Miscellaneous documents provided for information | |
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|  | WIs for common and EPS/5GS | |  |  | | |  |  | WIs mainly targeted for common sessions and EPS/5GS | |
|  | SAES17 WIs | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development for Rel-17 | |
|  | SAES17 | |  |  | | |  |  | General Stage-3 SAE protocol development | |
|  |  | | [C1-206089](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206089.zip) | Clarification of NAS COUNT handling in 4G | | | Huawei, HiSilicon, Vodafone, Deutsche Telekom/Lin | CR 3430 24.301 Rel-17 | Revision of C1-205111 | |
|  |  | | [C1-206273](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206273.zip) | Congestion handling of initial registration for emergency | | | Ericsson, InterDigital, Nokia, Nokia Shanghai Bell / Mikael | CR 3461 24.301 Rel-17 |  | |
|  |  | | [C1-206274](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206274.zip) | NAS MAC terminology | | | Ericsson / Mikael | CR 3462 24.301 Rel-17 |  | |
|  |  | | [C1-206434](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206434.zip) | Correct UE behaviour for cause #31 in SR | | | MediaTek Inc. / Marko | CR 3464 24.301 Rel-17 |  | |
|  |  | | [C1-206436](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206436.zip) | Correction to handling of SR in DOS | | | MediaTek Inc. / Marko | CR 3465 24.301 Rel-17 |  | |
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|  | SAES17-CSFB | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development related to Circuit Switched Fall Back | |
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|  | SAES17-non3GPP | |  | Peter – Main | | |  |  | Stage-3 SAE protocol development related to non-3GPP access | |
|  |  | | [C1-206314](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206314.zip) | ePDG handling of UICC-less emergency call when receving the DIAMETER\_ERROR\_USER\_UNKNOWN | | | Ericsson / Ivo | CR 0722 24.302 Rel-17 |  | |
|  |  | |  |  | | |  |  |  | |
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|  | 5GProtoc17 WIs | |  | Peter – Main | | |  |  | Stage-3 5GS NAS protocol development for Rel-17 | |
|  | 5GProtoc17 | |  |  | | |  |  | General Stage-3 5GS NAS protocol development | |
|  |  | | [C1-206348](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206348.zip) | Addition of 5GSM causes #37 and #52 | | | MediaTek Inc., Huawei, HiSilicon / JJ | CR 2782 24.501 Rel-17 |  | |
|  |  | | [C1-206397](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206397.zip) | Providing an S-NSSAI in the PDU SESSION RELEASE COMMAND message and PDU SESSION ESTABLISHMENT REJECT message | | | China Mobile | CR 2801 24.501 Rel-17 |  | |
|  |  | | [C1-206430](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206430.zip) | NAS message container only in first SECURITY MODE COMPLETE | | | MediaTek Inc. / Marko | CR 2810 24.501 Rel-17 |  | |
|  |  | | [C1-206431](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206431.zip) | Notification to upper layer upper layer for MMTEL video call when T3346 or T3525 running | | | MediaTek Inc. / Marko | CR 2811 24.501 Rel-17 |  | |
|  |  | | [C1-206433](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206433.zip) | Handling of periodic registration timer expiry | | | MediaTek Inc. / Marko | CR 0618 23.122 Rel-17 |  | |
|  |  | | [C1-206435](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206435.zip) | Correct UE behaviour for cause #31 in SR | | | MediaTek Inc. / Marko | CR 2812 24.501 Rel-17 |  | |
|  |  | | [C1-206437](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206437.zip) | Correction to T3502 for MRU | | | MediaTek Inc. / Marko | CR 2813 24.501 Rel-17 |  | |
|  |  | | [C1-206438](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206438.zip) | Deregistration before initial registration in SNPN selection | | | MediaTek Inc. / Marko | CR 2814 24.501 Rel-17 |  | |
|  |  | | [C1-206439](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206439.zip) | Clarification on description of triggering UE to enter 5GMM-DEREGISTERED state | | | MediaTek Inc. / Marko | CR 2815 24.501 Rel-17 |  | |
|  |  | | [C1-206440](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206440.zip) | Periodic PLMN searches in MICO mode | | | MediaTek Inc. / Marko | CR 0619 23.122 Rel-17 |  | |
|  |  | | [C1-206349](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206349.zip) | Addition of 5GSM causes #37, #52 and #59 | | | MediaTek Inc., Huawei, HiSilicon / JJ | CR 0705 27.007 Rel-17 |  | |
|  |  | | [C1-206350](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206350.zip) | Handing of QoS flow description errors | | | MediaTek Inc. / JJ | CR 2783 24.501 Rel-17 |  | |
|  |  | | [C1-206351](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206351.zip) | Coding of successive type 1 IEs | | | MediaTek Inc. / JJ | CR 2784 24.501 Rel-17 |  | |
|  |  | | [C1-206352](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206352.zip) | Clarification on stopping back-off timers | | | MediaTek Inc. / JJ | CR 2785 24.501 Rel-17 |  | |
|  |  | | [C1-206353](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206353.zip) | Delete EBI in the QoS flow description when the corresponding mapped EPS bearer context is deleted | | | MediaTek Inc. / JJ | CR 2786 24.501 Rel-17 |  | |
|  |  | | [C1-206354](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206354.zip) | Update of the timers table for PDU session authentication command | | | MediaTek Inc. / JJ | CR 2787 24.501 Rel-17 |  | |
|  |  | | [C1-206355](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206355.zip) | Update of the timers table for PDU session authentication command | | | MediaTek Inc. / JJ | CR 3244 24.008 Rel-17 |  | |
|  |  | | [C1-206073](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206073.zip) | IRAT coordination between 5GSM and SM | | | Apple, Roland | CR 2560 24.501 Rel-17 | Revision of C1-205036 | |
|  |  | | [C1-206074](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206074.zip) | Paging collision with 5GMM specific procedure or service request procedure | | | Apple, Roland | CR 2689 24.501 Rel-17 |  | |
|  |  | | [C1-206075](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206075.zip) | Recovering service on NR after network triggered detach indicating "re-attach not required" without EMM cause | | | Apple, Roland | CR 3445 24.301 Rel-17 |  | |
|  |  | | [C1-206131](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206131.zip) | Clarify the requirement of the NAS on providing the CAG information list to the AS | | | China Mobile | CR 0599 23.122 Rel-17 |  | |
|  |  | | [C1-206132](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206132.zip) | The suggestion of not emphasizing the URSP handling layer | | | China Mobile | CR 0095 24.526 Rel-17 |  | |
|  |  | | [C1-206133](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206133.zip) | Provide SNPN identifier in the URSP | | | China Mobile | CR 0096 24.526 Rel-17 |  | |
|  |  | | [C1-206134](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206134.zip) | Discussion paper on providing NID in the UE STATE INDICATION message | | | China Mobile | discussion Rel-17 |  | |
|  |  | | [C1-206135](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206135.zip) | Provide NID in the UPSI list IE for SNPN | | | China Mobile | CR 2709 24.501 Rel-17 |  | |
|  |  | | [C1-206136](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206136.zip) | Provide a conditional NID in the UE STATE INDICATION message | | | China Mobile | CR 2710 24.501 Rel-17 |  | |
|  |  | | [C1-206144](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206144.zip) | Prevent sending two TAUs due to T3412 expiry and another trigger | | | BlackBerry UK Ltd., Intel | CR 3453 24.301 Rel-17 |  | |
|  |  | | [C1-206145](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206145.zip) | Interrupt ongoing PLMN selection when an emergency call is detected | | | BlackBerry UK Ltd. | CR 0573 23.122 Rel-17 | Revision of C1-204892 | |
|  |  | | [C1-206146](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206146.zip) | Correct “Emergency PDU session” definition | | | BlackBerry UK Ltd. | CR 2712 24.501 Rel-17 |  | |
|  |  | | [C1-206147](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206147.zip) | Correct “PDN connection for emergency bearer services” and "Emergency EPS bearer context" definitions | | | BlackBerry UK Ltd. | CR 3454 24.301 Rel-17 |  | |
|  |  | | [C1-206148](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206148.zip) | Correction of procedures due to maximum number of PDU session reached | | | BlackBerry UK Ltd. | CR 2713 24.501 Rel-17 |  | |
|  |  | | [C1-206149](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206149.zip) | Correction of procedures for failure to transfer an emergency session due to maximum number of PDU session reached | | | BlackBerry UK Ltd. | CR 3455 24.301 Rel-17 |  | |
|  |  | | [C1-206150](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206150.zip) | Correct handling 5GSM failure in response to a request with request type "existing emergency PDU session" | | | BlackBerry UK Ltd. | CR 2494 24.501 Rel-17 | Revision of C1-205211 | |
|  |  | | [C1-206151](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206151.zip) | Correct handling ESM failure in response to a request with request type "handover of emergency bearer services" | | | BlackBerry UK Ltd. | CR 3423 24.301 Rel-17 | Revision of C1-205212 | |
|  |  | | [C1-206228](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206228.zip) | RRC establishment cause in non-3GPP access | | | Huawei, HiSilicon / Cristina | CR 0169 24.502 Rel-17 |  | |
|  |  | | [C1-206233](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206233.zip) | Provision CAG information list through deregistration procedure | | | Huawei, HiSilicon / Cristina | CR 2742 24.501 Rel-17 |  | |
|  |  | | [C1-206234](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206234.zip) | Mobility Registration after back to coverage | | | Huawei, HiSilicon / Cristina | CR 2743 24.501 Rel-17 |  | |
|  |  | | [C1-206235](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206235.zip) | Delete 5G NAS security context due to invalid key | | | Huawei, HiSilicon / Cristina | CR 2744 24.501 Rel-17 |  | |
|  |  | | [C1-206236](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206236.zip) | Lack of ID for inter-system change from S1 mode to N1 mode | | | Huawei, HiSilicon / Cristina | CR 2745 24.501 Rel-17 |  | |
|  |  | | [C1-206237](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206237.zip) | Optional fileds of N3AN node configuration information | | | Huawei, HiSilicon / Cristina | CR 0097 24.526 Rel-17 |  | |
|  |  | | [C1-206238](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206238.zip) | Indication of Secured packet supported | | | Huawei, HiSilicon / Cristina | CR 2746 24.501 Rel-17 |  | |
|  |  | | [C1-206243](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206243.zip) | Correct location of ABO field | | | Huawei, HiSilicon / Cristina | CR 2751 24.501 Rel-17 |  | |
|  |  | | [C1-206244](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206244.zip) | Correct reference of SM timer | | | Huawei, HiSilicon / Cristina | CR 2752 24.501 Rel-17 |  | |
|  |  | | [C1-206245](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206245.zip) | Acknowledgment of Routing indicator update data | | | Huawei, HiSilicon / Cristina | CR 2753 24.501 Rel-17 |  | |
|  |  | | [C1-206246](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206246.zip) | Only CAG supported UE process CAG information list | | | Huawei, HiSilicon / Cristina | CR 2754 24.501 Rel-17 |  | |
|  |  | | [C1-206249](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206249.zip) | Clarification on timer T3211 normal stop | | | Huawei, HiSilicon / Cristina | CR 3243 24.008 Rel-17 |  | |
|  |  | | [C1-206250](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206250.zip) | Correction of EPS bearer context being activated | | | Huawei, HiSilicon / Cristina | CR 2757 24.501 Rel-17 |  | |
|  |  | | [C1-206252](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206252.zip) | Absence of timer T3448 | | | Huawei, HiSilicon / Cristina | CR 2759 24.501 Rel-17 |  | |
|  |  | | [C1-205836](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205836.zip) | Addition of used definitions and abbreviations | | | ZTE / Hannah | CR 2624 24.501 Rel-17 |  | |
|  |  | | [C1-205837](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205837.zip) | Editorial corrections in 24.501 | | | ZTE / Hannah | CR 2625 24.501 Rel-17 |  | |
|  |  | | [C1-205838](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205838.zip) | Clarification on the 5GMM procedures which can be initiated by the UE in substate 5GMM-REGISTERED.ATTEMPTING-REGISTRATION-UPDATE | | | ZTE / Hannah | CR 2626 24.501 Rel-17 |  | |
|  |  | | [C1-205839](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205839.zip) | Removal of bullet irrelevant to tracking area concept | | | ZTE / Hannah | CR 2627 24.501 Rel-17 |  | |
|  |  | | [C1-205840](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205840.zip) | Merge of two bullets with the same handling for different Request type IE | | | ZTE / Hannah | CR 2628 24.501 Rel-17 |  | |
|  |  | | [C1-205841](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205841.zip) | Clarification on the definition of EHPLMN | | | ZTE / Hannah | CR 2629 24.501 Rel-17 |  | |
|  |  | | [C1-205808](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205808.zip) | Clarification for CP only PDU session | | | vivo | CR 2610 24.501 Rel-17 |  | |
|  |  | | [C1-205809](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205809.zip) | Clarification for reflective QoS | | | vivo | CR 2611 24.501 Rel-17 |  | |
|  |  | | [C1-205823](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205823.zip) | Correction of the Service Operation of SoR-AF | | | vivo | CR 0587 23.122 Rel-17 |  | |
|  |  | | [C1-205844](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205844.zip) | Phrase that the abbreviation PCO represents | | | vivo | CR 2631 24.501 Rel-17 |  | |
|  |  | | [C1-205845](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205845.zip) | Integrity protection of NAS IEs | | | vivo | CR 2632 24.501 Rel-17 |  | |
|  |  | | [C1-205846](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205846.zip) | Skipping step 9 if UDM has not requested an acknowledgment from the UE | | | vivo | CR 0588 23.122 Rel-17 | Covered in C1-205955/56 (5GProtoc16) | |
|  |  | | [C1-205904](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205904.zip) | RFCs related to DHCPv6 are obsoleted by RFC 8415 | | | ZTE / Joy | CR 2640 24.501 Rel-17 |  | |
|  |  | | [C1-205917](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205917.zip) | Correction to the handling of rejected NSSAI for the failed or revoked NSSAA | | | Qualcomm Incorporated / Amer | CR 2641 24.501 Rel-17 |  | |
|  |  | | [C1-205919](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205919.zip) | Inclusion of requested NSSAI in the REGISTRATION REQUEST message | | | ZTE / Hannah | CR 2642 24.501 Rel-17 |  | |
|  |  | | [C1-205920](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205920.zip) | Clarification on the SPRTI bit of the MICO indication IE | | | ZTE / Hannah | CR 2643 24.501 Rel-17 |  | |
|  |  | | [C1-205921](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205921.zip) | UE behavior after receiving the rejected NSSAI with rejection cause “S-NSSAI not available in the current PLMN or SNPN” | | | ZTE / Hannah | CR 2644 24.501 Rel-17 |  | |
|  |  | | [C1-205932](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205932.zip) | Clarification on traffic descriptor component type of VLAN tag control information | | | ZTE / Joy | CR 0092 24.526 Rel-17 | No affected clauses | |
|  |  | | [C1-205938](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205938.zip) | Adding network’s behavior when UE indicate no UL pending data and the network indicate no DL pending data | | | China Telecom Corporation Ltd. | CR 2652 24.501 Rel-17 |  | |
|  |  | | [C1-205939](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205939.zip) | Clarification on AMF release NAS connection and UE locally release the NAS connection | | | China Telecom Corporation Ltd. | CR 2653 24.501 Rel-17 | Wrong release on cover page | |
|  |  | | [C1-205946](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205946.zip) | Enabling storage of pre-configured CAG information list in the USIM | | | Qualcomm Incorporated / Lena | CR 0590 23.122 Rel-17 | C1-206312, C1-205946, C1-206339 conflict | |
|  |  | | [C1-205947](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205947.zip) | Clarifications to storage of CAG information list | | | Qualcomm Incorporated / Lena | CR 2654 24.501 Rel-17 | C1-206313, C1-206297, C1-205947, C1-206301 conflict | |
|  |  | | [C1-205965](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205965.zip) | Missing lower layer indications of barring and alleviation of barring | | | OPPO / Chen | CR 2659 24.501 Rel-17 |  | |
|  |  | | [C1-206011](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206011.zip) | Clarification on HPLMN S-NSSAI | | | Nokia, Nokia Shanghai Bell | CR 2524 24.501 Rel-17 | Revision of C1-204945 | |
|  |  | | [C1-206024](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206024.zip) | Prohibit UE from setting "Follow-on request pending" in the REGISTRATION REQUEST when UE is in non-allowed area | | | MediaTek Inc. / Carlson | CR 2670 24.501 Rel-17 |  | |
|  |  | | [C1-206034](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206034.zip) | Clarifications on indicating subscribed MFBR/GFBR uplink/downlink | | | MediaTek Inc. / Carlson | CR 2675 24.501 Rel-17 |  | |
|  |  | | [C1-206040](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206040.zip) | Correction to the conditions of resetting the service request attempt counter | | | Nokia, Nokia Shanghai Bell | CR 3444 24.301 Rel-17 |  | |
|  |  | | [C1-206046](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206046.zip) | Update cases where whether ER-NSSAI IE is used | | | OPPO / Rae | CR 2676 24.501 Rel-17 |  | |
|  |  | | [C1-206047](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206047.zip) | Extended rejected NSSAI storage | | | OPPO / Rae | CR 2677 24.501 Rel-17 |  | |
|  |  | | [C1-206053](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206053.zip) | Update definition of Network slicing information | | | OPPO / Rae | CR 2679 24.501 Rel-17 |  | |
|  |  | | [C1-206086](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206086.zip) | 5GCN-EPC interworking over SM with N26 due to N1/S1 mode capability disabling/enabling | | | Huawei, HiSilicon/Lin | discussion Rel-17 |  | |
|  |  | | [C1-206087](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206087.zip) | Interworking to 5GS over SM with N26 due to UE’s N1 mode capability disabling/enabling | | | Huawei, HiSilicon/Lin | CR 3450 24.301 Rel-17 |  | |
|  |  | | [C1-206088](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206088.zip) | Interworking to EPS over SM with N26 due to UE’s S1 mode capability disabling/enabling | | | Huawei, HiSilicon/Lin | CR 2693 24.501 Rel-17 |  | |
|  |  | | [C1-206090](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206090.zip) | Multiple payloads via CPSR | | | Huawei, HiSilicon, Samsung/Lin | CR 2574 24.501 Rel-17 | Revision of C1-205521 | |
|  |  | | [C1-206091](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206091.zip) | Correction on CIoT 5GS optimization used in 4G | | | Huawei, HiSilicon/Lin | CR 3451 24.301 Rel-17 |  | |
|  |  | | [C1-206092](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206092.zip) | Correction on slice based congestion control | | | Huawei, HiSilicon/Lin | CR 2694 24.501 Rel-17 |  | |
|  |  | | [C1-206093](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206093.zip) | Mobility update for allowed NSSAI assignment based on default configured NSSAI | | | Huawei, HiSilicon/Lin | CR 2695 24.501 Rel-17 |  | |
|  |  | | [C1-206094](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206094.zip) | Rejected NSSAI handling for 1-to-many mapping in roaming scenario | | | Huawei, HiSilicon/Lin | CR 2696 24.501 Rel-17 |  | |
|  |  | | [C1-206109](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206109.zip) | Set T3517 to smaller value for emergency services fallback | | | Qualcomm Incorporated, Nokia, Nokia Shanghai Bell, T-Mobile USA | CR 2697 24.501 Rel-17 |  | |
|  |  | | [C1-206126](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206126.zip) | Correction to NAS transport procedure | | | Ericsson /kaj | CR 2707 24.501 Rel-17 |  | |
|  |  | | [C1-206127](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206127.zip) | Correction to 5GMM cause #62 and allowed NSSAI | | | Ericsson /kaj | CR 2708 24.501 Rel-17 |  | |
|  |  | | [C1-206128](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206128.zip) | Request for default S-NSSAI | | | Ericsson /kaj | CR 2571 24.501 Rel-17 | Revision of C1-205180 | |
|  |  | | [C1-206137](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206137.zip) | Request of PEI over non-3GPP access | | | Ericsson /kaj | CR 2711 24.501 Rel-17 |  | |
|  |  | | [C1-206184](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206184.zip) | Clarification the condition that the Extended NSSAI IE is included in the CONFIGURATION UPDATE COMMAND message | | | SHARP | CR 2719 24.501 Rel-17 |  | |
|  |  | | [C1-206191](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206191.zip) | Correction on the rejected NSSAI in the registration reject message | | | SHARP | CR 2725 24.501 Rel-17 |  | |
|  |  | | [C1-206213](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206213.zip) | Cell search in NG-RAN | | | Nokia, Nokia Shanghai Bell | CR 2730 24.501 Rel-17 |  | |
|  |  | | [C1-206215](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206215.zip) | Correction in the N1 mode capability handling | | | Nokia, Nokia Shanghai Bell | CR 2731 24.501 Rel-17 |  | |
|  |  | | [C1-206217](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206217.zip) | Mapped S-NSSAI(s) for the pending NSSAI | | | Nokia, Nokia Shanghai Bell | CR 2732 24.501 Rel-17 |  | |
|  |  | | [C1-206219](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206219.zip) | Restriction in the usage of the 5GSM STATUS message | | | Nokia, Nokia Shanghai Bell | CR 2733 24.501 Rel-17 |  | |
|  |  | | [C1-206220](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206220.zip) | Paging a UE using eDRX | | | Nokia, Nokia Shanghai Bell | CR 2734 24.501 Rel-17 |  | |
|  |  | | [C1-206222](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206222.zip) | Correction in the AUSF operation in terms of checking the presence of the AT\_RESULT\_IND attribute in the EAP-response/AKA'-challenge message | | | Nokia, Nokia Shanghai Bell, Verizon | CR 2735 24.501 Rel-17 |  | |
|  |  | | [C1-206223](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206223.zip) | Use of T3245 in an SNPN | | | Nokia, Nokia Shanghai Bell | CR 0605 23.122 Rel-17 |  | |
|  |  | | [C1-206272](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206272.zip) | IE length style in message definition | | | Ericsson / Mikael | CR 2764 24.501 Rel-17 |  | |
|  |  | | [C1-206276](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206276.zip) | Minor corrections | | | Ericsson / Mikael | CR 2765 24.501 Rel-17 |  | |
|  |  | | [C1-206289](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206289.zip) | NAS level mobility management congestion control in 5GS | | | Ericsson / Mikael | discussion Rel-17 |  | |
|  |  | | [C1-206301](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206301.zip) | Storage of CAG information list on the USIM | | | Huawei, HiSilicon / Vishnu | CR 2768 24.501 Rel-17 | verticalLAN is incorrect twork item is not a Rel-17 with CAT F | |
|  |  | | [C1-206310](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206310.zip) | Correction in paging procedure | | | Ericsson, Nokia, Nokia Shanghai Bell / Ivo | CR 2773 24.501 Rel-17 |  | |
|  |  | | [C1-206312](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206312.zip) | Initial CAG information list | | | Ericsson / Ivo | CR 0611 23.122 Rel-17 | C1-206312, C1-205946, C1-206339 conflict | |
|  |  | | [C1-206313](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206313.zip) | Usage of initial CAG information list | | | Ericsson / Ivo | CR 2774 24.501 Rel-17 | C1-206313, C1-206297, C1-205947, C1-206301 conflict | |
|  |  | | [C1-206325](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206325.zip) | IEI assignment from UE policy delivery service | | | Ericsson / Ivo | CR 0136 24.007 Rel-17 | cat ‘F’ in coverpage is different with it in 3GU ‘B’ | |
|  |  | | [C1-206330](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206330.zip) | Discussion on UE parameters update transparent container with an unsupported UE parameters update data set type | | | Ericsson / Ivo | discussion Rel-17 |  | |
|  |  | | [C1-206331](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206331.zip) | UE parameters update data set types supported by the UE | | | Ericsson / Ivo | CR 2777 24.501 Rel-17 |  | |
|  |  | | [C1-206339](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206339.zip) | Storage of CAG information list in the USIM | | | Huawei, HiSilicon / Vishnu | CR 0616 23.122 Rel-17 | C1-206312, C1-205946, C1-206339 conflict | |
|  |  | | [C1-206340](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206340.zip) | Back-off a S-NSSAI rejected due to NSSAA failure | | | Ericsson /kaj | CR 2778 24.501 Rel-17 |  | |
|  |  | | [C1-206346](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206346.zip) | AMF behavior in case of NSSAA failure due to “504 gateway timeout” | | | LG Electronics / sunhee | CR 2780 24.501 Rel-17 |  | |
|  |  | | [C1-206379](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206379.zip) | Editorial correction of operation codes for PC5 unicast link modification | | | Huawei, HiSilicon / Vishnu | CR 0146 24.587 Rel-17 |  | |
|  |  | | [C1-205828](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205828.zip) | Add rejected NSSAI to the definition of “network slicing information” | | | ZTE / Hannah | CR 2616 24.501 Rel-17 | Shifted from 16.2.6 | |
|  |  | | [C1-205829](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205829.zip) | Consistency of the term on rejection cause “S-NSSAI not available due to the failed or revoked network slice-specific authentication and authorization” | | | ZTE / Hannah | CR 2617 24.501 Rel-17 | Shifted from 16.2.6 | |
|  |  | | [C1-205830](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205830.zip) | Clarification on the condition when registration request is rejected for no network slices available | | | ZTE / Hannah | CR 2618 24.501 Rel-17 | Shifted from 16.2.6 | |
|  |  | | [C1-205831](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205831.zip) | Correction on UE behaviour after receiving “Network slicing subscription changed” indication | | | ZTE / Hannah | CR 2619 24.501 Rel-17 | Shifted from 16.2.6 | |
|  |  | | [C1-205832](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205832.zip) | Clarification on the S-NSSAI(s) included in the pending NSSAI | | | ZTE / Hannah | CR 2620 24.501 Rel-17 | Shifted from 16.2.6 | |
|  |  | | [C1-205833](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205833.zip) | Consistency of the term on NETWORK SLICE-SPECIFIC AUTHENTICATION COMPLETE | | | ZTE / Hannah | CR 2621 24.501 Rel-17 | Shifted from 16.2.6 | |
|  |  | | [C1-206036](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206036.zip) | Correction On Referrenced Subclause of UE Radio Capability ID | | | MediaTek Inc. / Carlson | CR 3441 24.301 Rel-17 | Shifted from 16.2.14 | |
|  |  | | C1-206477 | Clarification on LADN Information update | | | Huawei, HiSilicon / Cristina | CR 2758 24.501 Rel-17 | Revision of C1-206251 | |
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|  | 5GProtoc17-non3GPP | |  |  | | |  |  | Stage-3 5GS NAS protocol development related to non-3GPP access | |
|  |  | | [C1-205843](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205843.zip) | Alignment of the removing of PLMN from the list of forbidden PLMNs for non-3GPP access to 5GCN | | | vivo | CR 0153 24.502 Rel-17 |  | |
|  |  | | [C1-206309](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206309.zip) | N5CW device clean up | | | Ericsson / Ivo | CR 2772 24.501 Rel-17 |  | |
|  |  | | [C1-205842](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205842.zip) | Handling of extended local emergency numbers received via non-3GPP access | | | ZTE / Hannah | CR 2630 24.501 Rel-17 |  | |
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|  | eCPSOR\_CON | |  | Peter –Main | | |  |  | Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode | |
|  |  | | [C1-205949](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205949.zip) | Work plan for eCPSOR-CON | | | DOCOMO Communications Lab. | other Rel-17 |  | |
|  |  | | [C1-205950](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205950.zip) | Discussion – main requirements for achieving CP-SOR in connected mode | | | DOCOMO Communications Lab. | discussion Rel-17 | related to CR in C1-205952 | |
|  |  | | [C1-205951](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205951.zip) | Enhanced CP-SOR in connected mode- UE behaviour during initial registration | | | DOCOMO Communications Lab. | discussion Rel-17 | related to CR in C1-205952, and partial with CR in C1-205954 | |
|  |  | | [C1-205952](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205952.zip) | Introducing new requirements for CP-SOR in connected mode | | | DOCOMO Communications Lab. | CR 0591 23.122 Rel-17 |  | |
|  |  | | [C1-205953](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205953.zip) | Updating the requirements for CP-SOR in 5GS | | | DOCOMO Communications Lab. | CR 0592 23.122 Rel-17 |  | |
|  |  | | [C1-205954](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-205954.zip) | SOR-CMCI configuration and session handling for enhanced control plane SOR in connected mode | | | DOCOMO Communications Lab. | CR 0593 23.122 Rel-17 | Partially overlaps with C1-206336 | |
|  |  | | [C1-206065](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206065.zip) | Delivery mechanism for Connected-Mode SoR Information | | | Samsung R&D Institute India | discussion Rel-17 | Related to DP C1-205950 | |
|  |  | | [C1-206329](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206329.zip) | Editor's note on de-registration or NAS signalling connection release | | | Ericsson / Ivo | CR 0612 23.122 Rel-17 |  | |
|  |  | | [C1-206332](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206332.zip) | No need to release NAS signalling connection when the selected VPLMN is the highest priority PLMN | | | Ericsson / Ivo | CR 0613 23.122 Rel-17 |  | |
|  |  | | C1-206333 | No need to release NAS signalling connection when the selected VPLMN is the highest priority PLMN | | | Ericsson / Ivo | CR 0614 23.122 Rel-17 | Withdrawn | |
|  |  | | [C1-206336](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206336.zip) | Obtaining SOR-CMCI | | | Ericsson / Ivo | CR 0615 23.122 Rel-17 | Partially overlaps with C1-205954 | |
|  |  | | [C1-206380](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206380.zip) | SOR-CMCI configuration data | | | THALES | discussion Rel-17 | relates to DP in C1-205950 and CR in C1-205952 | |
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|  | 5GSAT\_ARCH-CT | |  | Peter –Main | | |  |  | CT aspects of 5GC architecture for satellite networks  New TR 24.821 | |
|  |  | | [C1-205908](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205908.zip) | Skeleton for TR 24.821 | | | Qualcomm Incorporated / Amer | draft TR 24.821 Rel-17 |  | |
|  |  | | [C1-205909](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205909.zip) | Scope for TR 24.821 | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205910](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205910.zip) | Deployment scenarios | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205911](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205911.zip) | Key issue 1: Determination of the country of the UE location | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205912](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205912.zip) | Key issue 2: LI requirements | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205913](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205913.zip) | Key issue 3: PLMN selection in international areas | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205914](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205914.zip) | Key issue 4: Handling of global MCC 9xx | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205915](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205915.zip) | Key issue 5: New satellite access RAT types | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205916](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205916.zip) | Key issue 6: PLMN search in satellite access | | | Qualcomm Incorporated / Amer | pCR 24.821 Rel-17 |  | |
|  |  | | [C1-205948](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205948.zip) | New clause for integrating satellite access impacts on 5GS | | | THALES | CR 2655 24.501 Rel-17 |  | |
|  |  | | [C1-205966](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205966.zip) | NAS timers for GEO | | | OPPO / Chen | discussion Rel-17 |  | |
|  |  | | [C1-206154](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206154.zip) | Handling of a UE not allowed to operate in the present UE location | | | Nokia, Nokia Shanghai Bell | CR 2716 24.501 Rel-17 |  | |
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|  | SMS\_SBI (CT4 lead) | |  | Peter –Main | | |  |  | Service-based support for SMS in 5GC | |
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|  | AKMA-CT (CT3 lead) | |  | Peter –Main | | |  |  | Authentication and key management for applications based on 3GPP credential in 5G | |
|  |  | | [C1-206306](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206306.zip) | Initial registration when the UE is not registered in 5GS | | | Ericsson / Ivo | CR 2769 24.501 Rel-17 |  | |
|  |  | | [C1-206365](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206365.zip) | The impact on UE due to the introduction of Authentication and Key Management for Applications (AKMA) | | | Nokia, Nokia Shanghai Bell | CR 2794 24.501 Rel-17 |  | |
|  |  | | [C1-206394](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206394.zip) | Reference for AKMA | | | Samsung /Kyungjoo Grace Suh | CR 2798 24.501 Rel-17 |  | |
|  |  | | [C1-206395](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206395.zip) | Definitions for AKMA | | | Samsung /Kyungjoo Grace Suh | CR 2799 24.501 Rel-17 |  | |
|  |  | | [C1-206399](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206399.zip) | Deriving AKMA key | | | Samsung /Kyungjoo Grace Suh | CR 2803 24.501 Rel-17 |  | |
|  |  | | [C1-206401](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206401.zip) | AKMA when primary auth fails | | | Samsung /Kyungjoo Grace Suh | CR 2804 24.501 Rel-17 |  | |
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|  | PAP/CHAP (CT3 lead) | |  | Peter –Main | | |  |  | CT aspects on PAP/CHAP protocols usage in 5GS | |
|  |  | | [C1-205934](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205934.zip) | Inclusion of the DNN during the PDU session establishment when PAP/CHAP protocol is used | | | China Telecom Corporation Ltd., Huawei, HiSilicon, ZTE | CR 2648 24.501 Rel-17 | Withdrawn | |
|  |  | | [C1-205968](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205968.zip) | Inclusion of the DNN during the PDU session establishment when PAP/CHAP protocol is used | | | China Telecom Corporation Ltd.,Huawei, HiSilicon, ZTE | CR 2660 24.501 Rel-17 |  | |
|  |  | | [C1-206411](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206411.zip) | Supporting PAP/CHAP in the PDU session authentication and authorization | | | China Mobile Com. Corporation | CR 2805 24.501 Rel-17 |  | |
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|  | Other Rel-17 issues (TEI17) | |  | Peter – Main | | |  |  | Other Rel-17 topics | |
|  |  | | [C1-206018](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206018.zip) | Recommendation about the use of type 2 IEs | | | Huawei, HiSilicon, InterDigital /Christian | CR 0131 24.007 Rel-17 |  | |
|  |  | | [C1-206095](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206095.zip) | Correction on SMS over SGs for NB-IoT only Ues | | | Huawei, HiSilicon/Lin | CR 3452 24.301 Rel-17 |  | |
|  |  | | [C1-206129](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206129.zip) | Discussion paper on the solutions for the UE without CAG information list to access CAG cell of the HPLMN | | | China Mobile | discussion Rel-17 |  | |
|  |  | | [C1-206130](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206130.zip) | The requirement of the CAG access mode for UE supporting CAG | | | China Mobile | CR 0562 23.122 Rel-17 | Revision of C1-205475 | |
|  |  | | [C1-206162](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206162.zip) | Correction in PLMN access reference configuration | | | Nokia, Nokia Shanghai Bell | CR 0007 24.002 Rel-17 |  | |
|  |  | | [C1-206163](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206163.zip) | Correction in the restricted local operator services | | | Nokia, Nokia Shanghai Bell | CR 3456 24.301 Rel-17 |  | |
|  |  | | [C1-206164](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206164.zip) | Message Waiting Data for SMSF | | | Nokia, Nokia Shanghai Bell | CR 0156 23.040 Rel-17 | Revision of C1-205507 | |
|  |  | | [C1-206227](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206227.zip) | UE behaviour for service reject with #15 | | | Huawei, HiSilicon / Cristina | CR 3460 24.301 Rel-17 |  | |
|  |  | | [C1-206207](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206207.zip) | Support for Indicating Serialization Format in RDS | | | Intel, Convida Wireless LLC / Vivek | CR 0024 24.250 Rel-17 | Shifted from 17.3.12  Revision of C1-204912 | |
|  |  | | [C1-206359](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206359.zip) | Correction to the title of the UE that sends DIRECT LINK ESTABLISHMENT ACCEPT and some other corrections | | | Nokia, Nokia Shanghai Bell | CR 0140 24.587 Rel-17 |  | |
|  |  | | [C1-206432](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206432.zip) | Notification to upper layer upper layer for MMTEL video call when T3346 or T3325 running | | | MediaTek Inc. / Marko | CR 3463 24.301 Rel-17 |  | |
|  |  | | [C1-206194](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206194.zip) | Adding handling of the UE configuration parameter “Access\_Point\_Name\_Parameter\_Reading\_Rule“ for the UE to read the APN name parameter from correct input source | | | MediaTek Beijing Inc./Rohit | CR 3459 24.301 Rel-17 | Shifted from 17.3.1  24.301 is not included in IMSProtoc17, suggest to use TEI17 | |
|  |  | | C1-206491 | Knpr-sess ID | | | Ericsson / Ivo | CR 0134 24.587 Rel-16 | Shifted from 16.2.13  Revision of C1-206315  Ivo, Tuesday, 10:21  Changes in this revision:  - CR is changed to be a Rel-17 CR with WI codes "TEI17, eV2XARC".  - "Consequences if not approved" updated  -----------------------------------------------  Mohamed, Thursday, 9:03  I agree with the change in this CR, but it is not essential for rel-16, as it is just a typo correction. So could you please move the CR to Rel-17?  Ivo, Thursday, 11:48  @Mohamed: I have a preference for Rel-16 CR as:  - security is an important part of eV2XARCH stage-3, including the correct keys.  - in the last meeting, C1-204598 fixed the baseline but some other CR introduced the problem again. So, this is continuation of work done in the last meeting.  However, if more companies prefer fix in Rel-17 only, I can live with Rel-17 CR too.  Sunghoon, Thursday, 12:41  I have too a preference for rel-16 CR as same reason with that Ivo mentioned.  Mohamed, Thursday, 12:45  Ok to keep this for Rel-16, so fine with the CR as it is.  Christian, Friday, 14:48  We have the following comments:   1. Rel-16 is frozen and only frequent and serious mis-operation (FASMO) CRs should be allowed; 2. the specification contains a typo “KN**PR**-sess ID” instead of “KN**RP**-sess ID”. Implementers can find this typo without any problem. This sort of typos also appears in other specifications and are agreed to new versions of the specs; 3. we disagree with the category of the CR as this CR is not of FASMO nature 4. we disagree with the consequences if not approved, quote “Not possible to implement the security”. That is simply untrue.   All in all, this CR does not qualify of FASMO to Rel-16 and it should be to Rel-17 instead.  Ivo, Monday, 10:06  I am OK to make it Rel-17 CR. I can update the consequencies if not approved. Regarding:  (3) we disagree with the category of the CR as this CR is not of FASMO nature  What category do you propose to use? "D" is for editorial modifications. Given that CR corrects a normative text, "F" is appropriate.  A draft revision is available. | |
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|  | WIs for IMS and MC | |  | Jörgen – Breakout | | |  |  | Work items on IMS and Mission Critical | |
|  | IMSProtoc17 | |  | Jörgen – Breakout | | |  |  | IMS Stage-3 IETF Protocol Alignment for Rel-17 | |
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|  | MCProtoc17 | |  | Jörgen – Breakout | | |  |  | Protocol enhancements for Mission Critical Services for Rel-17 | |
|  |  | | [C1-206103](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206103.zip) | Clarify setting of p-id and p-id-fa entries | | | FirstNet / Mike | CR 0188 24.282 Rel-17 |  | |
|  |  | | [C1-206106](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206106.zip) | Correct definition of enhancedStatusType in XML | | | FirstNet / Mike | CR 0045 24.481 Rel-17 |  | |
|  |  | | C1-206171 | Clarify setting of p-id and p-id-fa entries | | | FirstNet / Mike | CR 0190 24.282 Rel-17 | Withdrawn | |
|  |  | | C1-206174 | Correct definition of enhancedStatusType in XML | | | FirstNet / Mike | CR 0046 24.481 Rel-17 | Withdrawn | |
|  |  | | C1-206378 | Distinction of requests for SDS media plane at the IWF | | | Sepura Ltd | CR 0008 29.582 Rel-17 | Withdrawn by chair, as document was Late | |
|  |  | | C1-206386 | Addition of clause 9.2.3.3 (Standalone SDS over media plane/ Participating) | | | Sepura Ltd | CR 0009 29.582 Rel-17 | Withdrawn | |
|  |  | | [C1-206387](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206387.zip) | Broadcast group call terminology | | | Ericsson /Jörgen | CR 0288 24.380 Rel-17 |  | |
|  |  | | [C1-206390](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206390.zip) | ProSe one-to-many required for MCPTT UE | | | Ericsson /Jörgen | CR 0649 24.379 Rel-17 |  | |
|  |  | | [C1-206414](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206414.zip) | Corrections in subclause 10.1.1.4.2 | | | Samsung | CR 0651 24.379 Rel-17 |  | |
|  |  | | [C1-206415](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206415.zip) | Corrections to send 486 Busy response if max service authorization reached in 7.3.2 | | | Samsung | CR 0652 24.379 Rel-17 |  | |
|  |  | | [C1-206416](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206416.zip) | Corrected the functionalAliasID refered as element instead of attribute in 9A.2.2.2.3 | | | Samsung | CR 0653 24.379 Rel-17 |  | |
|  |  | | [C1-206417](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206417.zip) | Corrections in annex G.3 MCPTT emergency group state | | | Samsung | CR 0654 24.379 Rel-17 |  | |
|  |  | | [C1-206418](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206418.zip) | Corrections for authorization request handling for emergency and imminent peril call initiation | | | Samsung | CR 0655 24.379 Rel-17 |  | |
|  |  | | [C1-206419](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206419.zip) | Corrections to cancelation of group in-progress emergency (Part of C1-205500 & C1-205501) | | | Samsung | CR 0656 24.379 Rel-17 |  | |
|  |  | | [C1-206420](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206420.zip) | Corrections to floor control messages handling for upgrade/downgrade of broadcast call | | | Samsung | CR 0289 24.380 Rel-17 | No affected clauses | |
|  |  | | [C1-206421](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206421.zip) | Handle group in-progress emergency cancel while other user transmitting in emergency state | | | Samsung | CR 0657 24.379 Rel-17 |  | |
|  |  | | C1-206422 | Indicating call termination or participant removal reason cause | | | Samsung | CR 0658 24.379 Rel-17 | Withdrawn by chair, as document was Late | |
|  |  | | [C1-206424](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206424.zip) | Authentication of the MIKEY-SAKKE I\_Message validation in pre-established session | | | Samsung | CR 0230 24.380 Rel-17 | Revision of C1-205502 | |
|  |  | | [C1-206425](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206425.zip) | Addition of altitude to location data | | | Ericsson /Jörgen | CR 0290 24.380 Rel-17 | CR category missing | |
|  |  | | C1-206441 | Additional cause values for pre-established call control | | | Ericsson /Jörgen | CR 0277 24.380 Rel-17 | Withdrawn by chair, as document was Late  Revision of C1-205565 | |
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|  | FS\_eIMS5G2 | |  | Jörgen – Breakout | | |  |  | Study on enhanced IMS to 5GC Integration Phase 2 | |
|  |  | | [C1-206197](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206197.zip) | Proposal of scope for TR 23.700-10 | | | SHARP | pCR 23.700-10 Rel-17 |  | |
|  |  | | [C1-206198](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206198.zip) | Proposal of new key issue for TR 23.700-10 | | | SHARP | pCR 23.700-10 Rel-17 |  | |
|  |  | | [C1-206199](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206199.zip) | Proposal of solution for Key issue X found in C1-206198 | | | SHARP | pCR 23.700-10 Rel-17 |  | |
|  |  | | [C1-206303](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206303.zip) | Key issue on Routing of IMS traffic via a localized UPF | | | Huawei, HiSilicon | pCR 23.700-10 Rel-17 |  | |
|  |  | | [C1-206304](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206304.zip) | Key issue on Placement of IMS application server in localized environments | | | Huawei, HiSilicon | pCR 23.700-10 Rel-17 |  | |
|  |  | | [C1-206305](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206305.zip) | Key issue on Network Slicing and IMS | | | Huawei, HiSilicon | pCR 23.700-10 Rel-17 |  | |
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|  | MuDe | |  | Jörgen – Breakout | | |  |  | Multi-device and multi-identity enhancements | |
|  |  | | [C1-205924](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205924.zip) | Minutes of offline MuDE calls. | | | vivo Mobile Com. (Chongqing) | discussion Rel-17 |  | |
|  |  | | [C1-205925](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205925.zip) | MuDE solution evaluation criteria | | | vivo Mobile Com. (Chongqing) | discussion Rel-17 |  | |
|  |  | | [C1-205928](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205928.zip) | Workplan for MuDE work item | | | vivo Mobile Com. (Chongqing) | Work Plan Rel-17 |  | |
|  |  | | [C1-206256](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206256.zip) | Activation and deactivation of identities | | | Lenovo, Motorola Mobility | CR 0009 24.174 Rel-17 |  | |
|  |  | | [C1-206257](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206257.zip) | Implementations for MuD/MiD new use case | | | Lenovo, Motorola Mobility | discussion |  | |
|  |  | | [C1-206258](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206258.zip) | Reaching an identity of a UE with multiple identities | | | Lenovo, Motorola Mobility | CR 0010 24.174 Rel-17 |  | |
|  |  | | [C1-206259](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206259.zip) | Reaching an identity shared by multiple instances of a UE | | | Lenovo, Motorola Mobility | CR 0011 24.174 Rel-17 |  | |
|  |  | | [C1-206260](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206260.zip) | Reaching an identity shared by multiple UEs | | | Lenovo, Motorola Mobility | CR 0012 24.174 Rel-17 |  | |
|  |  | | [C1-206275](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206275.zip) | Correction to call flows | | | Lenovo, Motorola Mobility | CR 0014 24.174 Rel-17 |  | |
|  |  | | [C1-206277](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206277.zip) | Discussion, activation of identities | | | Ericsson /Jörgen | discussion |  | |
|  |  | | [C1-206383](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206383.zip) | Activation/deactivation of a user's identities | | | Ericsson/Jörgen | CR 0008 24.174 Rel-17 | Revision of C1-205123 | |
|  |  | | [C1-206384](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206384.zip) | Management object of identities in the IRS | | | Ericsson /Jörgen | CR 0001 24.175 Rel-17 |  | |
|  |  | | [C1-206402](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206402.zip) | MuDe Identities and activation status change | | | Orange / Mariusz | discussion 24.174 Rel-17 |  | |
|  |  | | [C1-206403](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206403.zip) | MuDe Identity activation status indication | | | Orange / Mariusz | CR 0015 24.174 Rel-17 |  | |
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|  | MPS2 (CT3 lead) | |  | Jörgen – Breakout | | |  |  | Stage 3 of Multimedia Priority Service (MPS) Phase 2 | |
|  |  | | [C1-205969](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205969.zip) | 24.229 MPS Editors notes removal | | | Perspecta Labs Inc., AT&T | CR 6450 24.229 Rel-17 |  | |
|  |  | | [C1-205970](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205970.zip) | 24.229 MPS P-CSCF Editors notes removal | | | Perspecta Labs Inc., AT&T | CR 6451 24.229 Rel-17 |  | |
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|  | eMCData3 | |  | Jörgen – Breakout | | |  |  | CT aspects of Enhancements to Mission Critical Data | |
|  |  | | [C1-206008](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206008.zip) | Miscellaneous small corrections | | | AT&T / Val | CR 0186 24.282 Rel-17 |  | |
|  |  | | [C1-206412](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206412.zip) | Corrections in subclause 11.3.3.2 | | | Samsung | CR 0191 24.282 Rel-17 |  | |
|  |  | | [C1-206413](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206413.zip) | Corrections to deferred message handling | | | Samsung | CR 0192 24.282 Rel-17 |  | |
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|  | MCSMI\_CT | |  | Jörgen – Breakout | | |  |  | Mission Critical system migration and interconnection  Shifted from Rel-16 | |
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|  | eMCCI\_CT | |  | Jörgen – Breakout | | |  |  | CT aspects of Enhanced Mission Critical Communication Interworking with Land Mobile Radio Systems | |
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|  | enh3MCPTT-CT | |  | Jörgen – Breakout | | |  |  | CT aspects of Enhanced Mission Critical Push-to-talk architecture phase 3 | |
|  |  | | [C1-206102](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206102.zip) | Add altitude, timestamp to MCData location XML schema | | | FirstNet / Mike | CR 0187 24.282 Rel-17 |  | |
|  |  | | C1-206170 | Add altitude, timestamp to MCData location XML schema | | | FirstNet / Mike | CR 0189 24.282 Rel-17 | Withdrawn | |
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|  | eMONASTERY2 | |  | Jörgen – Breakout | | |  |  | Enhancements to Mobile Communication System for Railways Phase 2 | |
|  |  | | C1-206404 | Call control of FAs allowed in a first-to-answer call | | | Nokia, Nokia Shanghai Bell | CR 0650 24.379 Rel-17 | Withdrawn | |
|  |  | | C1-206405 | Update MCPTT user profile to indicate allowed Fas | | | Nokia, Nokia Shanghai Bell | CR 0156 24.484 Rel-17 | Withdrawn | |
|  |  | | C1-206406 | MO update to indicate allowed FAs | | | Nokia, Nokia Shanghai Bell | CR 0082 24.483 Rel-17 | Withdrawn | |
|  |  | | [C1-206407](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206407.zip) | Update MCVideo service configuration with FA priorities | | | Nokia, Nokia Shanghai Bell | CR 0157 24.484 Rel-17 |  | |
|  |  | | [C1-206408](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206408.zip) | Work plan of Enhancements to Mobile Communication System for Railways Phase 2 (eMONASTERY2) | | | Nokia, Nokia Shanghai Bell | discussion Rel-17 |  | |
|  |  | | [C1-206423](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206423.zip) | Inclusion of Functional Alias related configurations for MCVideo service | | | Samsung | CR 0158 24.484 Rel-16 | Shifted from 16.3.2 | |
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|  | Stop24980 | |  | Jörgen – Breakout | | |  |  | Stop updating TR 24.980  No CRs needed, 100% | |
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|  | Other Rel-17 IMS & MC issues (TEI17) | |  | Jörgen – Breakout | | |  |  | Other Rel-17 IMS and MC topics | |
|  |  | | [C1-205857](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205857.zip) | Correction to anonymous emergency calls | | | Deutsche Telekom AG | CR 6439 24.229 Rel-17 |  | |
|  |  | | [C1-205860](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205860.zip) | Correction in the P-CSCF operation upon recipt of REGISTER request for RLOS | | | Nokia, Nokia Shanghai Bell | CR 6442 24.229 Rel-17 |  | |
|  |  | | [C1-206143](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206143.zip) | Correction of support of DTMF transport for CRS | | | Qualcomm India Pvt Ltd | CR 0074 24.183 Rel-17 |  | |
|  |  | | [C1-206302](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206302.zip) | Correction on TCP connection reuse | | | Huawei, HiSilicon | CR 6454 24.229 Rel-17 |  | |
|  |  | | [C1-206400](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206400.zip) | Handover from non-3GPP access to NG-RAN parameters | | | Ericsson /Jörgen | CR 0224 24.167 Rel-17 |  | |
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|  | Output Liaison Statements | | Tdoc | Title | | | Prepared by | To/CC | Result & comment | |
|  |  | | [C1-205810](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205810.zip) | LS on PS Data Off | | | vivo | LS out Rel-17 | related to CR in C1-205808 | |
|  |  | | [C1-205923](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205923.zip) | Reply LS on Cell Configuration within TA/RA to Support Allowed NSSAI | | | QualcommIncorporated / Amer | LS out Rel-17 | Competing LS in [C1-206161](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206161.zip) | |
|  |  | | [C1-205941](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205941.zip) | Reply LS on clarification on using PAP/CHAP for 5GS | | | Qualcomm Incorporated / Lena | LS out Rel-15 |  | |
|  |  | | [C1-205945](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205945.zip) | LS on MINT requirements | | | Qualcomm Incorporated / Lena | LS out Rel-17 |  | |
|  |  | | [C1-205967](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-205967.zip) | LS on NAS procedure guard timers for GEO satellite | | | OPPO / Chen | LS out Rel-17 | related to disc in C1-205966 | |
|  |  | | [C1-206108](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206108.zip) | LS Response on MCS group document subscription procedures | | | FirstNet / Mike | LS out |  | |
|  |  | | [C1-206140](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206140.zip) | LS on NSSAA for roaming UEs | | | Samsung Guangzhou Mobile R&D | LS out |  | |
|  |  | | [C1-206161](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206161.zip) | LS on Cell Configuration within TA/RA to Support Allowed NSSAI | | | Nokia, Nokia Shanghai Bell | LS out Rel-17 | Competing LS in [C1-205923](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206161.zip) | |
|  |  | | C1-206176 | LS Response on MCS group document subscription procedures | | | FirstNet / Mike | LS out | Withdrawn | |
|  |  | | [C1-206262](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206262.zip) | Reply LS on two consecutive invalid challenges | | | Qualcomm India Pvt Ltd | LS out | Uploaded Late | |
|  |  | | [C1-206279](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206279.zip) | LS on temporary NSSAA failure | | | Apple | LS out Rel-16 | Revision of C1-205571 | |
|  |  | | [C1-206338](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\update\C1-206338.zip) | LS on SNPN access mode when UE accesses SNPN services via a PLMN | | | Ericsson / Ivo | LS out Rel-16 |  | |
|  |  | | [C1-206201](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206201.zip) | Reply LS on the re-keying procedure for NR SL | | | CATT | LS out Rel-16 | Shifted from 16.2.13  Revision of C1-205068  Mohamed, Thursday, 9:04  I am fine and aligned with this LS, but just one comment: CR C1-205287 was updated to a newer version in CT#125e which is C1-205555.  Hence C1-205555 shall be mentioned in the LS and attached instead of C1-205287.  Sunghoon, Thursday, 12:37  Revision required:  I am fine with attaching proper CRs, and it would better to describe summary of CT1 principle in the LS, hence, I suggest to add more text once we can get agreement on the CR in this meeting.  Scott, Thursday, 14:38  I accept to change the attachment from C1-205287 to C1-205555. And I am OK to update the LS to specify the principle of our agreed solution paper in this conference. Let’s wait for the CT1’s conclusion. | |
|  |  | | [C1-206142](file:///C:\Users\dems1ce9\OneDrive%20-%20Nokia\3gpp\cn1\meetings\126-e-electronic_1020\docs\C1-206142.zip) | [draft] LS on MuDe functionality | | | vivo Mobile Com. (Chongqing) | LS out Rel-17 | Shifted from 17.3.4 | |
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|  | Late and misplaced documents | | Tdoc | Title  Prioritization of documents within this category will be done during the meeting.  Some tdocs are left in the main agenda item, although they are late (e.g. papers reporting IETF progress, which are usually more up to date the later they are submitted) | | | Source | Tdoc info | Result & comments  Late documents and documents which were submitted with erroneous or incomplete information | |
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|  | Closing  Friday  by 14:00 UTC at the latest | |  | Did you mark your attendance to this meeting? | | |  |  | Any meeting document which is not mentioned in this report or with no recorded decision shall be interpreted as "reserved", i.e. not defined and shall be ignored if received | |
|  |  | |  | **Last upload of revisions:**  **Thursday 22 October 2020 14:00 UTC**  **Last comments:**  **Friday 23 October 2020 14:00 UTC** | | |  |  |  | |
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