**DAD at Start of Day 3 for CT3#143 Meeting**

| Agenda item | Agenda item title | CT3-25… | Title | Source | Result | Comments |
| --- | --- | --- | --- | --- | --- | --- |
| **1** | **Opening of the meeting** |  |  |  |  | **Meeting starts at 09:00 on Monday, 13th October 2025** |
| 1.1 | Welcome speech |  |  |  |  |  |
| 1.2 | IPR disclosures | ***Reminder from the Chair regarding the 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”.*** |
| 1.3 | Antitrust declarations | ***Reminder from the Chair regarding the antitrust and competition laws:******"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/SWG meeting including the Chair and Vice Chairs. 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/SWG meetings is important to allow for full and fair consideration of such matters."*** |
| 1.4 | Consensus principles | ***Reminder from the Chair regarding the Consensus principles:******“The attention of the delegates to the meeting is drawn to the fact that 3GPP endeavours to reach consensus on all decisions and therefore depends on a cooperative spirit of the Individual Members. In particular, Individual Members are encouraged to seek a consensus-based solution and only to sustain objections as a very last resort, and where absolutely necessary and well justified. The leadership will conduct the present meeting in a manner whereby informal methods of reaching consensus are encouraged, whilst ensuring that well justified concerns are taken into account.”*** |
| **2** | **Approval of the agenda and registration of new documents** |  |  |  |  |  |
| 2.1 | Approval of the agenda | [4000](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254000.zip) | agenda Draft Agenda for CT3#143 Meeting | CT3 Chair | Noted |  |
|  |  | [4001](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254001.zip) | agenda Meeting guidance for CT3#143 | CT3 Chair | Noted |  |
|  |  | [4002](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254002.zip) | agenda Procedure after CT3#143 | CT3 Chair |  |  |
| 2.2 | Proposed schedule | [4003](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254003.zip) | agenda Proposed Schedule for CT3#143 | CT3 Chair | Noted |  |
| 2.3 | Registration of documents | [4004](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254004.zip) | agenda Allocation of documents to agenda items (at submission deadline) | CT3 Chair | Noted | **363 tdocs submitted** |
|  |  | [4005](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254005.zip) | agenda Allocation of documents to agenda items (Start of Day 1) | CT3 Chair | Noted |  |
|  |  | [4006](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254006.zip) | agenda Allocation of documents to agenda items (Start of Day 2) | CT3 Chair | Noted |  |
|  |  | [4007](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254007.zip) | agenda Allocation of documents to agenda items (Start of Day 3) | CT3 Chair |  |  |
|  |  | [4008](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254008.zip) | agenda Allocation of documents to agenda items (Start of Day 4) | CT3 Chair |  |  |
|  |  | [4009](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254009.zip) | agenda Allocation of documents to agenda items (Start of Day 5) | CT3 Chair |  |  |
|  |  | [4010](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254010.zip) | agenda Allocation of documents to agenda items (End of Day 5) | CT3 Chair |  |  |
|  |  | [4011](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254011.zip) | agenda Allocation of documents to agenda items after email approval process | CT3 Chair |  |  |
| **3** | **Reports** |  |  |  |  |  |
| 3.1 | Report from previous CT3 meeting | [4012](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254012.zip) | report Minutes of CT3#142 | MCC | Approved |  |
| 3.2 | Report from previous CT plenary | [4013](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254013.zip) | report Report from previous CT Plenary | CT3 Chair | Noted |  |
| 3.3 | Reports from other groups |  |  |  |  |  |
| **4** | **Liaison Statements** |  |  |  |  |  |
| 4.1 | Incoming liaisons | [4018](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254018.zip) | LS in Rel-19 Reply on LS to 3GPP CT1 and CT3 on Reserved QoS Rule Precedence Values | CT1 |  | To: GSMA Terminal Steering Group, **CT3**From CT1 perspective, 1. Precedence value 80 (decimal) is only used for a derived QoS rule. Derived QoS rule is used only when UE and network support reflective QoS. The derived QoS rule is only used locally in the UE and will not be included in any NAS signalling exchanged between UE and network.
2. For signalled QoS rules, CT1 decided to define the codepoint for precedence value 80 (decimal) as 'reserved' since Rel-15, to prevent the collision cases where the UE has a derived QoS rule with precedence value 80 (decimal) and the network sending a signalled QoS rule with the precedence value 80 (decimal). This means the precedence value 80 (decimal) cannot be used for any signalled QoS rule, regardless whether reflective QoS is used or not.
3. Upon receipt of a 'reserved' value, the receiving entity (UE or network) will immediately trigger the error handling.

***Action proposed by Chair:******Discuss C3-254289 in 19.4.2 and the related LS Out in C3-254290.*** Ericsson: Start from R15.Huawei: No issue in CT3 specs. LS reply should say there is no issue.Nokia: According to CT1 LS & GSMA LS CT3 changes are needed. |
|  |  | 4455 | LS in LS to 3GPP CT1 and CT3 on Reserved QoS Rule Precedence Values | GSMA Terminal Steering Group |  | To: CT1, **CT3**GSMA’s Terminal Steering Group (TSG) has noted an inter-op issue between some devices & PCFs in commercial VoNR networks related to the Precedence value used in QoS Flow Rules.This issue is related to how this parameter is defined in 3GPP TS 29.512 vs 3GPP TS 24.501 which has led to incompatible implementations between some vendors resulting in up to a 4% VoNR call setup failure rate.TSG would like to clarify the intent for the definition of this parameter end-to-end and request that any appropriate changes be made to ensure this parameter is defined clearly and uniformly across all related specs.GSMA kindly asks CT1 and CT3 to take into account the above observations and the corresponding inter-operability issues. GSMA requests CT1 and CT3 to consider resolving this conflict in their specifications and the incorrect implementation of their CR.***Action proposed by Chair:******Depends on discussion of C3-254018 and C3-254290.*** |
|  |  | [4019](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254019.zip) | LS in Rel-19 LS on Service operation for HFL training service API | CT1 | Noted | To: SA6  Cc: **CT3**TS 23.482 in clause 8.12 specifies how the AIMLE server subscribes to Horizontal Federated Learning (HFL) training service with one or more AIMLE clients. CT1 believes that it should be possible to terminate such a subscription, or due to the nature of the HFL training service process to update this subscription.CT WG1 kindly asks SA WG6 group to take into consideration and update the HFL training service API to include update and unsubscribe service operation.***Action proposed by Chair:******To be noted. Possible actions may come based on SA6 reply.*** |
|  |  | [4020](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254020.zip) | LS in Rel-19 LS on Clarification on 5G VN group | CT4 | Noted | To: SA2  Cc: **CT3**Q1: Can a UE, that is not member (temporary/permanently) of any 5G VN group, have an SM subscription (in DNN configuration) with an S-NSSAI/DNN that is associated with a 5G VN group?Q2: Assuming an enterprise deployment with many UEs subscribed to an enterprise specific S-NSSAI/DNN, is it allowed to provision only a subset of these UEs into one 5G VN group with the same aforementioned S-NSSAI/DNN?E.g., 100 UEs are subscribed to the enterprise S-NSSAI/DNN and only 10 UEs are required to be provisioned to the S-NSSAI/DNN associated 5G VN group. (still keep 1:1 mapping between the S-NSSAI/DNN and 5G VN group that one and only one 5G VN group is associated with this specific S-NSSAI/DNN)Q3: If the answer to Q1 and Q2 is no, before the subset of UEs (of Q2) is added to a 5G VN group, this subset of UEs have no S-NSSAI/DNN subscription for the 5G VN group, does it imply that this subset of UEs needs to be re-configured with the S-NSSAI/DNN associated with 5G VN group when they are added to the 5G VN group by the AF/NEF invoking Nudm\_pp service(such that these UEs start using the S-NSSAI/DNN associated with the 5G VN Group when they establish PDU sessions)?Q4: If the answer to Q3 is yes, how are the UEs re-configured?***Action proposed by Chair:******To be noted. Possible actions may come based on SA2 reply*** |
|  |  | [4021](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254021.zip) | LS in Rel-19 Reply LS on Security related protocol-specific parameters for N6 delay measurement | SA2 |  | To: **CT3**  Cc: SA3, CT4 SA2 confirms that the "protocol-specific configuration parameters", which are provided within the "N6 delay measurement assistance information" of the EAS Deployment Information provided by AF and as shown in in 3GPP TS 23.548 Table 6.2.3.4-1, contain the contents that are described in the SA3 LS reply to CT4 in S3-251667. Also, SA2 would like to highlight that the detailed protocol-specific configuration parameters and related security aspects are not defined by SA2.***Action proposed by Chair:******Check with the WG if CT3 can proceed based on this LS Reply or further SA3 related information is needed. Discuss the related contribution in C3-254272 under 19.26.***Ericsson: SA3 reply is needed.Huawei: The CR can be discussed. |
|  |  | [4022](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254022.zip) | LS in Rel-19 Reply LS on Questions on stage 2 requirements for AIML\_CN | SA2 |  | To: **CT3**  Cc: CT4 **SA2 Answer 1**:  SA2 confirms that Signalling Storm analytics be subscribed by the SCP, the NRF, and/or the UDM via the DCCF, and thus agreed to add NRF, SCP, UDM as service consumers of the Ndccf\_DataManagement and Nmfaf\_3caDataManagemen services.**SA2 Answer 2**:  SA2 did not yet conclude whether the DCCF can be used to collect data using the Nlmf\_DataExposure service**SA2 Answer 3:** The QoS profile is not exposed in its entity, but the following parameters as defined in Clause 5.7 of TS 23.501 are exposed:For each QoS Flow, 5G QoS Identifier (5QI); andFor each QoS Flow, if available:5G QoS characteristics;Guaranteed Flow Bit Rate (GFBR) - UL and DL;Maximum Flow Bit Rate (MFBR) - UL and DL; and Maximum Packet Loss Rate - UL and DL.**SA2 Answer 4**:  See question 3.***Action proposed by Chair:******Discuss the related submitted contributions under 19.39.*** |
|  |  | [4023](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254023.zip) | LS in Rel-19 LS Reply on time to collision prediction accuracy | SA2 | Noted | To: **CT3****Question**:“*What is the meaning for the ‘Accuracy of collision direction’ and ’Accuracy of TTC’ IEs and suggested unit for the ’Accuracy of collision direction’ IE?”***Response**:Clause 3.1 of TS 23.288 provides the definitions for “Analytics Accuracy Information” and “ML Model Accuracy Information” and in both cases accuracy values is computed as following “…The accuracy value is computed as the number of correct predictions divided by the total number of predictions”. Considering that ‘Collision direction’ and ‘Time to collision’ from Table 6.19.3-2 of TS 23.288 can take continuous values, the current definition of accuracy cannot be applied, and thus the support of these attributes has been removed.***Action proposed by Chair:******CT3 already aligned with the response. The LS can be NOTED.*** |
|  |  | [4024](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254024.zip) | LS in Rel-19 Reply LS on Questions on TEI19\_SliceSel | SA2 |  | To: **CT3****Question 1**:Can the AF provision the same AF requested Network Slice Replacement requirements for the same Replaced S-NSSAI for more than one UE simultaneously?**SA2 answer**: As described in step 3a of clause 4.15.6.9.3 in TS 23.502, the AF requested network slice replacement by using Nnef\_AMInfluence service is only applicable for a single UE.**Question 2**:Can the Replaced S-NSSAI be part of only the Allowed NSSAI or can it also be part of the Partially Allowed NSSAI for the UE?**SA2 answer**: Yes. SA2 discussed and agreed attached CR.***Action proposed by Chair:******Discuss the related submitted contribution C3-254169 under 19.58.***ZTE: CT3 is aligned, further updates may come in SA2.Huawei: LS can be noted.Ericsson: Keep the LS open. |
|  |  | [4025](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254025.zip) | LS in Rel-19 Reply LS on CAPIF-1/1e Interactions events for Service API | SA6 |  | To: **CT3*** Q-1: What are the information elements of the subscription request triggered by AMF to subscribe the “CAPIF-1/1e interaction events”?

[Answer] SA6 discussed the event and made required changes. See attached contribution for the clarification.* Q-2: What are the information elements of the notification provided by CCF to AMF for the“CAPIF-1/1e interaction events”?

[Answer] SA6 discussed the event and made required changes. See attached contribution for the clarification.***Action proposed by Chair:******CT3 already aligned with the response. The LS can be NOTED.***Huawei: Keep the LS open.Nokia: Aligned already. Discuss the related CRs offline. |
|  |  | [4026](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254026.zip) | LS in LS on Study on Modernization of Specification Format and Procedures for 6G | TSG SA | Noted | To : RAN1, RAN2, RAN3, RAN4, RAN5, SA1, SA2, SA3, SA4, SA5, SA6, CT1, **CT3**, CT4, CT6 Cc : TSG RAN, TSG CTTSG SA would like to draw the attention of delegates from all WGs to the ongoing Study on Modernization of Specification Format and Procedures for 6G which started at the TSG #108 meetings (see SID in [SP-250802](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_108_Prague_2025-06/Docs/SP-250802.zip)).Initial studies have gathered information on the benefits, shortcomings and pain-points of 3GPP’s current specification formats and working methods, as well as potential benefits to be targeted. Further, requirements were identified for any improvements to specifications and working methods. This information is being captured in [TR 21.802 v0.1.0](https://www.3gpp.org/ftp/tsg_sa/TSG_SA/TSGS_109_Beijing_2025-09/Docs/SP-251075.zip).The primary focus for the next two quarters will be on objectives 2 and 3 of the study.It is important that this study takes into account the needs and ways of working of all groups in 3GPP, and therefore companies are encouraged to bring the collective experience of their delegates across 3GPP to engage with the study.Companies are reminded that a dedicated email reflector 3gpp\_spec\_modernisation@list.etsi.org is in operation for this Study, and the Conference Calls for the study can be found as “3GPP-Conference Call on 3GPP Spec Modernization” on the 3GPP Portal and registration performed in the usual way. The next two conference calls are listed below for information below:3GPP-Conference Call on 3GPP Spec Modernization #313:00 - 15:00 (UTC) 9th October 20253GPP-Conference Call on 3GPP Spec Modernization #413:00 - 15:00 (UTC)10th November 2025TSG SA asks all groups to remind delegates about the ongoing Study on Modernization of Specification Format and Procedures for 6G and to encourage participation to reflect the needs and ways of working of all groups.***Action proposed by Chair:******Delegates are encouraged to check the ongoing studies and participate in the conferences.*** |
| 4.2 | Outgoing liaison | [4290](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254290.zip) | LS out Rel-19 Reply on LS to 3GPP CT1 and CT3 on Reserved QoS Rule Precedence Values | Nokia |  | Ericsson: If we agree with the CR, it should start from R15.Huawei: Ok with sending an LS but no CR should be agreed.Nokia: Open to have it from R15. |
| **5** | **Items for immediate consideration** |  |  |  |  | For contributions to this agenda item, please contact the Chair in advance of the meeting. |
|  |  |  |  |  |  |  |
| **6** | **OpenAPI Updates** |  |  |  |  | All the Tdocs under AI 6 will be handled during email approval procedure. Please do the following changes:* CRs/DP for Release 15 will include the Work Item code to which the impact belongs (e.g. 5GS\_Ph1-CT, NAPS-CT, CAPIF-CT).
* CRs/DP for Release 16/17/18/19 will include the Work Item code TEI16/TEI17/TEI18/TEI19 respectively.
* Category of these CRs is F.
* **Update the info field**:
* Update the OpenAPI version;
* Update the year of copyright to 2025, if not done yet
* **Update the externalDocs field**:
* Update the TS version in the description field;
* (applies to open release: Release 19) formatting of description field (if needed) in the description field by adding two white spaces at the end of the 1st 2 lines of the description field;
* (applies to open release: Release 19) change http to https in the url field, if not done yet.
 |
| 6.1 | Release 15 OpenAPI Updates |  |  |  |  |  |
| 6.2 | Release 16 OpenAPI Updates |  |  |  |  |  |
| 6.3 | Release 17 OpenAPI Updates |  |  |  |  |  |
| 6.4 | Release 18 OpenAPI Updates |  |  |  |  |  |
| 6.5 | Release 19 OpenAPI Updates |  |  |  |  |  |
| **7** | **void** |  |  |  |  |  |
| **8** | **Release 8 and earlier**  | **RELEASE 7 AND EARLIER RELEASES ARE CLOSED. NO TDOC IS ALLOWED.****Only Tdocs on Release 8 will be allowed under this agenda item.** |
| **9** | **All work items Rel-9** |  |  |  |  | **ALL WIS COMPLETED** |
| 9.1 | Release 9 IMS/CS Work Items[IMS-CCR-IWIP][IMS-CCR-IWCS][FBI][ExtSIPI][SIP\_Nc][CS-IBCF][IMS\_IBCF][II-NNI][eIMS\_RP][IMS\_EMER\_GPRS\_EPS-SRVCC][MEDIASEC\_CORE][TEI9] – IMS/CS |  |  |  |  |  |
| 9.2 | Release 9 Packet Core Work Items[MBMS][SAES-St3-PCC][MBMS\_EPS][IMS\_EMER\_GPRS\_EPS][PCC-Enh][TEI9] - PC |  |  |  |  |  |
| **10** | **All work items Rel-10** |  |  |  |  | **ALL WIS COMPLETED** |
| 10.1 | Release 10 IMS/CS Work Items[IMS-CCR-IWIP][IMS-CCR-IWCS][CPM-SMS][OMR][II-NNI2][CCNL][ECSRA\_LAA-CN] – IMS/CS[NNI\_DV][CIIC\_ES][TEI10] – IMS/CS |  |  |  |  |  |
| 10.2 | Release 10 Packet Core Work Items[SAES-St3-PCC][SAES-St3-intwk][MBMS\_EPS][PCC-Enh][IFOM-CT][ECSRA\_LAA-CN] – PCC[SMOG-St3][eMPS-CN][PCRF-FR][MAPCON-St3][PEST-CT3][NIMTC][TEI10] - PC |  |  |  |  |  |
| **11** | **Release 11 All work items** |  |  |  |  | **ALL WIS COMPLETED** |
| 11.1 | Release 11 IMS/CS Work Items[IMS-CCR-IWIP][IMS-CCR-IWCS][OMR][NNI\_DV][USSI][vSRVCC-CT] - IMS[NNI\_OI][IMSProtoc5][rSRVCC-CT] – IMS[ACR\_CS-CN][IPXS][eMPS\_Gateway][NNI\_timers][RAVEL-CT][MRB][MMTel\_T.38\_FAX][IOC][TEI11] – IMS/CS |  |  |  |  |  |
| 11.2 | Release 11 Packet Core Work Items[PCC][SAES-St3-intwk][SAES-St3-PCC][MBMS\_EPS][PCC-Enh][SAPP-CT3][QoS\_SSL-CT3][vSRVCC-CT] – PC[rSRVCC-CT] – PC[SIMTC-Reach][BBAI\_BBI-CT][BBAI\_BBII-CT][SaMOG\_WLAN-CN][NWK-PL2IMS-CT][eNR\_EPC][TEI11] - PC |  |  |  |  |  |
| **12** | **Release 12 All work items** |  |  |  |  | **ALL WIS COMPLETED** |
| 12.1 | Release 12 IMS/CS Work Items[eMEDIASEC-CT][IMS\_TELEP][IMSProtoc6][EMC\_PC][NNI\_RS][eDRVCC][bSRVCC][ICS\_IWE][CVO-CT][SIS\_CT][FS\_REVOLTE\_IMS][BusTI-CT][UP6665][eIODB][ICEH248][ALTC][HISTORY\_CT][EVS\_codec-CT][TEI12] – IMS/CS |  |  |  |  |  |
| 12.2 | Release 12 Packet Core Work Items[SAES\_WLAN\_EPC\_intwk][REST\_AF\_PC][ABC-CT3][UMONC-CT3][E2EMTSI-CT][P4C-F-CT3][eMBMS\_Rest][NETLOC\_TWAN\_CT][MTCe-SDDTE-CT][ProSe-CT][CNO\_ULI-CT][GCSE\_LTE-CT][DOCME-PCC][PCSCF\_RES][TEI12] - PC |  |  |  |  |  |
| **13** | **Release 13 All work items** |  |  |  |  | **ALL WIS COMPLETED** |
| 13.1 | Release 13 IMS/CS Work Items[QOSE2EMTSI-CT] – IMS/CS[RTCP\_MUX][DRuMS-CT] – IMS[IMSProtoc7][INNB\_IW][EVSoCS-CT][SDPCN\_IMS][ROI-CT][mSRVCC][MCPTT-CT] – IMS[eWebRTCi\_CT]][eDRX-CT][TEI13] – IMS/CS |  |  |  |  |  |
| 13.2 | Release 13 Packet Core Work Items[UPCON-DOTCON-CT][VoE-UTRAN\_PPD-CT][QOSE2EMTSI-CT] – PC[DRuMS-CT] – PC[eUMONC-CT3][cDOCME\_PCC][MONTE-CT][NBIFOM-CT][eProSe-Ext-CT][AESE-CT][FMSS-CT][SEW1-CT][EPC\_SIG\_RACE][MCPTT-CT] – PC[MBMS\_enh-CT][DiaPri][CIoT-CT][TEI13] - PC |  |  |  |  |  |
| **14** | **Release 14 All work items** |  |  |  |  | **ALL WIS COMPLETED** |
| 14.1 | Release 14 IMS/CS Work Items[MMCMH-CT][IMSProtoc8][PWDIMS-CT][REAS\_EXT][MCPTTProtoc1][CH14-DCCII-CT][SPECTRE-CT][MCImp-eMCPTT-CT][MCImp-MCDATA-CT][MCImp-MCVIDEO-CT][ISAT][TEI14] – IMS/CS |  |  |  |  |  |
| 14.2 | Release 14 Packet Core Work Items[NonIP\_GPRS-CT][CUPS-CT][DLoCMe][V8-CT][V2X-CT][SDCI-CT][AULC-CT][AE\_enTV-CT][DBPU][PS\_DATA\_OFF-CT][TEI14] – PC |  |  |  |  |  |
| **15** | **Release 15 All work items** |  |  |  |  | **ALL WIS COMPLETED** |
| 15.1 | Release 15 IMS/CS Work Items[IMSProtoc9][eCNAM-CT][eMCVideo-CT][5GS\_Ph1-IMSo5G][bSRVCC\_MT][MONASTERY][eSPECTRE][TEI15] – IMS/CS |  |  |  |  |  |
| 15.2 | Release 15 Packet Core Work Items[FS\_PC\_VBC][5GS\_Ph1-CT][NAPS-CT][EDCE5-CT][eVoLP-CT][PS\_DATA\_OFF2-CT][PC\_VBC][CAPIF-CT][NETSLICE-5GTRACE-CT][TEI15] – PC |  |  |  |  |  |
| **16** | **Release 16 All work items** |  |  |  |  | **ALL WIS COMPLETED** |
| 16.1 | Release 16 IMS/CS Work Items[MuD][IMSProtoc16][E2E\_DELAY][VBCLTE][eIMS5G\_SBA][5G\_SRVCC][TEI16] – IMS/CS |  |  |  |  |  |
| 16.2 | Release 16 Packet Core Work Items[en5GPccSer][eNA][5G\_eSBA][ATSSS][Vertical\_LAN][ETSUN][PARLOS][eNS][5G\_eLCS][5G\_CIoT][5WWC][RACS][SBIProtoc16][eV2XARC][5G\_URLLC][eNAPIs][xBDT][V2XAPP][MC\_XMB-CT][eCAPIF][SEAL][TEI16] – PC |  |  |  |  |  |
| **17** | **Release 17** |  |  |  |  | **ALL WIS COMPLETED** |
| 17.1 | Rel-17 work planning*Please use agenda item 17.1 for Discussion Papers or Working Plans not related to an existing Work Item or submitted WID.* |  | **N/A** |  |  |  |
| 17.2 | New WIDs/SIDs for Rel-17 |  | **N/A** |  |  |  |
| 17.3 | Revised WIDs/SIDs for Rel-17 |  | **N/A** |  |  |  |
| 17.4 | TEI17 [TEI17]*Please use agenda 17.4.1 and 17.4.2 for IMS/CS and Packet Core respectively.**If the topic is related to previous release, please use both TEI17 and the WI code of previous release (e.g. TEI17, 5GS\_Ph1-CT)* |  |  |  |  |  |
| 17.4.1 | TEI17 for IMS/CS |  |  |  |  |  |
| 17.4.2 | TEI17 for Packet Core |  |  |  |  |  |
| 17.5 | Service Based Interface Protocol Improvements Release 17 [SBIProtoc17] |  |  |  |  |  |
| 17.6 | Multi-device and multi-identity enhancements [MuDe] |  | **N/A IN CT3** |  |  |  |
| 17.7 | Stage-3 5GS NAS protocol development 17 [5GProtoc17] [5GProtoc17-non3GPP] |  | **N/A IN CT3** |  |  |  |
| 17.8 | Protocol enhancements for Mission Critical Services [MCProtoc17] |  | **N/A IN CT3** |  |  |  |
| 17.9 | Stage-3 SAE Protocol Development [SAES17] [SAES17-CSFB] [SAES17-non3GPP] |  | **N/A IN CT3** |  |  |  |
| 17.10 | Enhancement for the 5G Control Plane Steering of Roaming for UE in CONNECTED mode [eCPSOR\_CON] |  | **N/A IN CT3** |  |  |  |
| 17.11 | IMS Stage-3 IETF Protocol Alignment [IMSProtoc17] |  |  |  |  |  |
| 17.12 | CT aspects of Enhancements to Mission Critical Data [eMCData3] |  | **N/A IN CT3** |  |  |  |
| 17.13 | Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2] |  |  |  |  |  |
| 17.14 | PFD management enhancement [pfdManEnh] |  |  |  |  |  |
| 17.15 | Best Practice of PFCP [BEPoP] |  |  |  |  |  |
| 17.16 | Restoration of PDN Connections in PGW-C/SMF Set [RPCPSET] |  | **N/A IN CT3** |  |  |  |
| 17.17 | Stage 3 of eMONASTERY2 [eMONASTERY2] |  | **N/A IN CT3** |  |  |  |
| 17.18 | CT aspects of 5GC architecture for satellite networks [5GSAT\_ARCH-CT] |  |  |  |  |  |
| 17.19 | CT aspects of Enhanced MCCI with LMR Systems [eMCCI\_CT] |  | **N/A IN CT3** |  |  |  |
| 17.20 | CT aspects of AKMA [AKMA-CT] |  |  |  |  |  |
| 17.21 | PAP/CHAP protocols usage in 5GS [PAP\_CHAP] |  |  |  |  |  |
| 17.22 | Service-based support for SMS in 5GC [SMS\_SBI] |  | **N/A IN CT3** |  |  |  |
| 17.23 | Enhancement of Inter-PLMN Roaming [EoIPR] |  | **N/A IN CT3** |  |  |  |
| 17.24 | Mission Critical system migration and interconnection [MCSMI\_CT] |  | **N/A IN CT3** |  |  |  |
| 17.25 | CT aspects of Integration of GBA into SBA [GBA\_5G] |  | **N/A IN CT3** |  |  |  |
| 17.26 | Reliable Data Service Serialization Indication [RDSSI\_CT] |  | **N/A IN CT3** |  |  |  |
| 17.27 | CT aspects for Enabling Edge Applications [EDGEAPP] |  |  |  |  |  |
| 17.28 | CT aspects of eNPN [eNPN] |  |  |  |  |  |
| 17.29 | CT aspects of 5G\_eLCS\_ph2 [5G\_eLCS\_ph2] |  |  |  |  |  |
| 17.30 | CT aspects for ID\_UAS [ID\_UAS] |  |  |  |  |  |
| 17.31 | CT aspects of support of enhanced Industrial IoT [IIoT] |  |  |  |  |  |
| 17.32 | CT aspects of eV2XAPP [eV2XAPP] |  |  |  |  |  |
| 17.33 | CT aspects of 5G eEDGE [eEDGE\_5GC] |  |  |  |  |  |
| 17.34 | Stage 3 for Enhancement of Network Slicing Phase 2 [eNS\_Ph2] |  |  |  |  |  |
| 17.35 | Start of Pause of Charging via User Plane [SPOCUP] |  | **N/A IN CT3** |  |  |  |
| 17.36 | CT aspects of ATSSS\_Ph2 [ATSSS\_Ph2] |  |  |  |  |  |
| 17.37 | CT aspects of eNA\_Ph2 [eNA\_Ph2] |  |  |  |  |  |
| 17.38 | CT aspects of proximity based services in 5GS [5G\_ProSe] |  |  |  |  |  |
| 17.39 | CT aspects of Enabling Multi-USIM Devices [MUSIM] |  | **N/A IN CT3** |  |  |  |
| 17.40 | CT aspects on TEI17\_SPSFAS [TEI17\_SPSFAS] |  |  |  |  |  |
| 17.41 | CT aspects on TEI17\_SAPES [TEI17\_SAPES] |  |  |  |  |  |
| 17.42 | CT aspects on TEI17\_DCAMP [TEI17\_DCAMP] |  |  |  |  |  |
| 17.43 | CT aspects on TEI17\_GEM [TEI17\_GEM] |  |  |  |  |  |
| 17.44 | CT3 aspects of N7 Interfaces Enhancements to Support GERAN and UTRAN [TEI17\_NIESGU] |  |  |  |  |  |
| 17.45 | UICC-terminal interface testing for UEs with non-removable UICCs [nrUICC\_UEConTest] |  | **N/A IN CT3** |  |  |  |
| 17.46 | CT aspects of Support of different slices over different Non 3GPP access [TEI17\_N3SLICE] |  | **N/A IN CT3** |  |  |  |
| 17.47 | CT aspects of the architectural enhancements for 5G multicast-broadcast services [5MBS] |  |  |  |  |  |
| 17.48 | CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS) [UASAPP] |  |  |  |  |  |
| 17.49 | CT aspects of eV2XARC\_Ph2 [eV2XARC\_Ph2] |  |  |  |  |  |
| 17.50 | CT aspects of MCOver5GS [MCOver5GS] |  | **N/A IN CT3** |  |  |  |
| 17.51 | Enhancement of 5G PCC related services in Rel-17 [en5GPccSer17] |  |  |  |  |  |
| 17.52 | Enhancements of 3GPP Northbound Interfaces and Application Layer APIs [NBI17] |  |  |  |  |  |
| 17.53 | Stage 3 aspects of enh3MCPTT [enh3MCPTT-CT] |  |  |  |  |  |
| 17.54 | Enhanced Service Enabler Architecture Layer for Verticals [eSEAL] |  |  |  |  |  |
| 17.55 | System enhancement for redundant PDU session [TEI17\_SE\_RPS] |  |  |  |  |  |
| 17.56 | CT aspects of Support for Minimization of service Interruption [MINT] |  | **N/A IN CT3** |  |  |  |
| 17.57 | IMS voice service support and network usability guarantee for UE’s E-UTRA capability disabled scenario in SA 5GS [ING\_5GS] |  | **N/A IN CT3** |  |  |  |
| 17.58 | CT aspects for enabling MSGin5G Service [5GMARCH] |  |  |  |  |  |
| 17.59 | Restoration of profiles related to UDR [ReP\_UDR] |  |  |  |  |  |
| 17.60 | Enhancement on the GTP-U entity restart [EGTPUR] |  | **N/A IN CT3** |  |  |  |
| 17.61 | Multi-device enhancements for device transfers [MuDTran] |  | **N/A IN CT3** |  |  |  |
| 17.62 | CT aspects of Architecture Enhancement for NR Reduced Capability Devices [ARCH\_NR\_REDCAP] |  |  |  |  |  |
| 17.63 | Enhancements of 3GPP profiles for cryptographic algorithms and security protocols [eCryptPr] |  |  |  |  |  |
| 17.64 | IMS Optimization for HSS Group ID in an SBA environment [TEI17\_IMSGID] |  | **N/A IN CT3** |  |  |  |
| 17.65 | CT aspects of NB-IoT/eMTC Non-Terrestrial Networks in EPS [IoT\_SAT\_ARCH\_EPS] |  |  |  |  |  |
| 17.66 | Repository for the 3GPP Allocated Port Numbers for New 3GPP Interfaces [PortAl] |  | **N/A IN CT3** |  |  |  |
| 17.67 | Non-Seamless WLAN offload Authentication in 5GS [NSWO\_5G] |  | **N/A IN CT3** |  |  |  |
| 17.68 | CT aspects of AKMA TLS protocol profiles [AKMA\_TLS] |  | **N/A IN CT3** |  |  |  |
| 17.69 | Modifying PASSporT signing and verification [SPECTRE\_Ph3] |  | **N/A IN CT3** |  |  |  |
| 17.70 | CT aspects of enhancement of RAN Slicing for NR [NRslice] |  | **N/A IN CT3** |  |  |  |
| 17.71 | CT aspects of 5GMS AF Event Exposure [EVEX] |  |  |  |  |  |
| 17.72 | Update of conformance test specifications to Rel-17 [UEConTest\_R17] |  | **N/A IN CT3** |  |  |  |
| 17.73 | Any other Rel-17 Work item or Study item*Please use agenda item 17.73 for those (P-)CRs related to Work Items that are not approved yet and thus do not have an assigned agenda item.* |  |  |  |  |  |
| **18** | **Release 18** |  |  |  |  |  |
| 18.1 | Rel-18 work planning*Please use agenda item 18.1 for Discussion Papers or Working Plans not related to an existing Work Item or submitted WID.* |  | **N/A** |  |  |  |
| 18.2 | New WIDs/SIDs for Rel-18 |  | **N/A** |  |  |  |
| 18.3 | Revised WIDs/SIDs for Rel-18 |  | **N/A** |  |  |  |
| 18.4 | TEI18 [TEI18]*Please use agenda 18.4.1 and 18.4.2 for IMS/CS and Packet Core respectively.**If the topic is related to previous release, please use both TEI18 and the WI code of previous release (e.g. TEI18, 5GS\_Ph1-CT)* |  |  |  |  |  |
| 18.4.1 | TEI18 for IMS/CS |  |  |  |  |  |
| 18.4.2 | TEI18 for Packet Core | [4170](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254170.zip) | CR 1409 29.512 Rel-18 Corrections to the packet filters usage information handling | Huawei | Postponed | Revision of C3-253360Ericsson/Nokia: Accept a clarification in the second change.Nokia: Value false was not specified. Ok to clarify that. |
|  |  | [4171](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254171.zip) | CR 1410 29.512 Rel-19 Corrections to the packet filters usage information handling | Huawei | Postponed | Revision of C3-253361 |
| 18.5 | CT aspects of NBI18 [NBI18] |  |  |  |  |  |
| 18.6 | CT aspects of SBIProtoc18 [SBIProtoc18] |  |  |  |  |  |
| 18.7 | Stage-3 5GS NAS protocol development 18 general aspects [5GProtoc18] |  |  |  |  |  |
| 18.8 | Stage-3 5GS NAS protocol development 18 non 3GPP aspects [5GProtoc18-non3GPP] |  | **N/A IN CT3** |  |  |  |
| 18.9 | Stage-3 SAE Protocol Development [SAES18] |  | **N/A IN CT3** |  |  |  |
| 18.10 | Stage-3 SAE Protocol Development CSFB [SAES18-CSFB] |  | **N/A IN CT3** |  |  |  |
| 18.11 | Stage-3 SAE Protocol Development non 3GPP [SAES18-non3GPP] |  | **N/A IN CT3** |  |  |  |
| 18.12 | Protocol enhancements for Mission Critical Services [MCProtoc18] |  |  |  |  |  |
| 18.13 | MPS for Supplementary Services [MPSSupServ] |  | **N/A IN CT3** |  |  |  |
| 18.14 | CT aspects of Mission Critical Services over 5MBS [MCOver5MBS] |  |  |  |  |  |
| 18.15 | CT aspects of Mission Critical Services over 5GProSe [MCOver5GProSe] |  |  |  |  |  |
| 18.16 | IMS Stage-3 IETF Protocol Alignment [IMSProtoc18] |  |  |  |  |  |
| 18.17 | CT aspects of Signal level Enhanced Network Selection [SENSE] |  | **N/A IN CT3** |  |  |  |
| 18.18 | Rel-18 Enhancements of UE Policy [UEP18] |  |  |  |  |  |
| 18.19 | 5GS support of NR RedCap UE with long eDRX for RRC\_INACTIVE State [NR\_REDCAP\_Ph2] |  | **N/A IN CT3** |  |  |  |
| 18.20 | CT aspects on Multiple location report for MT-LR Immediate Location Request for regulatory services [TEI18\_MLR] |  | **N/A IN CT3** |  |  |  |
| 18.21 | Enhancement of Shared Data ID and Handling [ShDatID\_H] |  | **N/A IN CT3** |  |  |  |
| 18.22 | CT Aspects of Edge Computing Phase 2 [EDGE\_Ph2] |  |  |  |  |  |
| 18.23 | Enhancement of NSAC for maximum number of UEs with at least one PDU session/PDN connection [eNSAC] |  |  |  |  |  |
| 18.24 | Mission critical system migration and interconnection enhancements [eMCSMI\_IRail] |  | **N/A IN CT3** |  |  |  |
| 18.25 | CT aspects of application layer support for V2X services; Phase 3 [V2XAPP\_Ph3] |  |  |  |  |  |
| 18.26 | CT aspects of proximity based services in 5GS Phase 2 [5G\_ProSe\_Ph2] |  |  |  |  |  |
| 18.27 | Support for 5WWC Phase 2 [5WWC\_Ph2] |  |  |  |  |  |
| 18.28 | Enhancement of application detection event exposure [TEI18\_ADEE] |  |  |  |  |  |
| 18.29 | CT aspects of General Support of IPv6 Prefix Delegation in 5GS [TEI18\_IPv6PD] |  |  |  |  |  |
| 18.30 | CT aspects of 5G System with Satellite Backhaul [5GSATB] |  |  |  |  |  |
| 18.31 | Timing Resiliency and URLLC enhancements [TRS\_URLLC] |  |  |  |  |  |
| 18.32 | Extensions to the TSC Framework to support DetNet [DetNet] |  |  |  |  |  |
| 18.33 | CT aspects for Enabling Edge Applications Phase 2 [EDGEAPP\_Ph2] |  |  |  |  |  |
| 18.34 | Rel-18 enhancements of session management policy control [SMPC18] |  |  |  |  |  |
| 18.35 | CT aspects of 5G System Enabler for Service Function Chaining [SFC] |  |  |  |  |  |
| 18.36 | Enhancement of Network Automation Enablers [eNetAE] |  |  |  |  |  |
| 18.37 | CT aspects of enhancement of 5G UE Policy [eUEPO] |  |  |  |  |  |
| 18.38 | CT aspect of Seamless UE context recovery [SUECR] |  |  |  |  |  |
| 18.39 | Secondary DN authentication and authorization in EPC IWK cases [TEI18\_SDNAEPC] |  |  |  |  |  |
| 18.40 | CT aspects of enhancement to the 5GC location services - phase 3 [5G\_eLCS\_Ph3] |  |  |  |  |  |
| 18.41 | CT aspects of Enhanced support of Non-Public Networks Phase 2 [eNPN\_Ph2] |  |  |  |  |  |
| 18.42 | CT aspects of SEAL data delivery enabler for vertical applications [SEALDD] |  |  |  |  |  |
| 18.43 | Enhanced Service Enabler Architecture Layer for Verticals Phase 3 [SEAL\_Ph3] |  |  |  |  |  |
| 18.44 | T Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS), Phase 2 [UASAPP\_Ph2] |  |  |  |  |  |
| 18.45 | CT Aspects of 5GC architecture for satellite networks, Phase 2 [5GSAT\_Ph2] |  |  |  |  |  |
| 18.46 | CT Aspects of Uncrewed Aerial Systems (UAS), Phase 2 [UAS\_Ph2] |  |  |  |  |  |
| 18.47 | CT aspects of Ranging\_SL [Ranging\_SL] |  |  |  |  |  |
| 18.48 | CT aspects of 5GFLS [5GFLS] |  |  |  |  |  |
| 18.49 | CT aspects of MCGWUE [MCGWUE] |  | **N/A IN CT3** |  |  |  |
| 18.50 | GBA\_U Based APIs [GBA\_U\_APIs] |  | **N/A IN CT3** |  |  |  |
| 18.51 | CT aspects of AIML [AIMLsys] |  |  |  |  |  |
| 18.52 | CT aspects of NG\_RTC [NG\_RTC] |  |  |  |  |  |
| 18.53 | CT aspects of 5G AM Policy [AMP] |  |  |  |  |  |
| 18.54 | CT aspects on Dynamically Changing AM Policies in the 5GC Phase 2 [TEI18\_DCAMP\_Ph2] |  |  |  |  |  |
| 18.55 | CT aspects of MPS\_WLAN [MPS\_WLAN] |  | **N/A IN CT3** |  |  |  |
| 18.56 | CT aspects of ADAES [ADAES] |  |  |  |  |  |
| 18.57 | CT aspects of MSGin5G Service Ph2 [5GMARCH\_Ph2] |  |  |  |  |  |
| 18.58 | CT aspects of VMR [VMR] |  |  |  |  |  |
| 18.59 | Enhancements on Service-based support for SMS in 5GC [eSMS\_SBI] |  | **N/A IN CT3** |  |  |  |
| 18.60 | CT aspects of eNA\_Ph3 [eNA\_Ph3] | [4314](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254314.zip) | CR 1118 29.520 Rel-18 Correction to MovBehav data type | Ericsson |  |  |
|  |  | [4315](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254315.zip) | CR 1119 29.520 Rel-19 Correction to MovBehav data type | Ericsson |  |  |
| 18.61 | CT aspects of PIN [PIN] |  |  |  |  |  |
| 18.62 | CT aspects of PINAPP [PINAPP] |  |  |  |  |  |
| 18.63 | CT aspects of GMEC [GMEC] |  |  |  |  |  |
| 18.64 | CT aspects of 5MBS\_Ph2 [5MBS\_Ph2] |  |  |  |  |  |
| 18.65 | CT aspects of Enhancement of Network Slicing Phase 3 [eNS\_Ph3] |  |  |  |  |  |
| 18.66 | CT aspects of XRM [XRM] |  |  |  |  |  |
| 18.67 | CT aspects of ATSSS\_Ph3 [ATSSS\_Ph3] |  |  |  |  |  |
| 18.68 | CT4 aspects of UPF enhancement for exposure and SBA [UPEAS] |  |  |  |  |  |
| 18.69 | UE pre-configuration for 5MBS [UEConfig5MBS] |  | **N/A IN CT3** |  |  |  |
| 18.70 | CT aspects of enh4MCPTT [enh4MCPTT] |  | **N/A IN CT3** |  |  |  |
| 18.71 | CT aspects of Slice-based PLMN Selection [PLMNsel\_NS] |  | **N/A IN CT3** |  |  |  |
| 18.72 | Enhancement of Network Slicing UICC application for network slice-specific authentication and authorization [eNS\_UICC] |  | **N/A IN CT3** |  |  |  |
| 18.73 | CT aspects of MBS support for V2X services [TEI18\_MBS4V2X] |  | **N/A IN CT3** |  |  |  |
| 18.74 | CT aspects on Spending Limits for AM and UE Policies in the 5GC [TEI18\_SLAMUP] |  |  |  |  |  |
| 18.75 | CT aspects on Spending Limits for AM and UE Policies in the 5GC [HN\_Auth] |  | **N/A IN CT3** |  |  |  |
| 18.76 | CT aspects of Mission Critical ad hoc group Communications [MC\_AHGC] |  | **N/A IN CT3** |  |  |  |
| 18.77 | NRF API enhancements to avoid signalling and storing of redundant data [NRFe] |  | **N/A IN CT3** |  |  |  |
| 18.78 | Network Slice Capability Exposure for Application Layer Enablement [NSCALE] |  |  |  |  |  |
| 18.79 | Application enablement aspects for subscriber-aware northbound API access [SNAAPP] |  |  |  |  |  |
| 18.80 | IVAS\_Codec [IVAS\_Codec] |  |  |  |  |  |
| 18.81 | Update of conformance test specifications to Rel-18 [UEConTest\_R18] |  | **N/A IN CT3** |  |  |  |
| 18.82 | Test method of GBA\_U Based APIs [TEST\_GBA\_U\_APIs] |  | **N/A IN CT3** |  |  |  |
| 18.83 | UE conformance test for NB-IoT/eMTC Non-Terrestrial Networks in EPS [IoT\_SAT\_UEConTest] |  | **N/A IN CT3** |  |  |  |
| 18.84 | Any other Rel-18 Work item or Study item*Please use agenda item 18.84 for those (P-)CRs related to Work Items that are not approved yet and thus do not have an assigned agenda item.* |  |  |  |  |  |
| **19** | **Release 19** |  |  |  |  |  |
| 19.1 | Rel-19 work planning*Please use agenda item 19.1 for Discussion Papers or Working Plans not related to an existing Work Item or submitted WID.* |  |  |  |  |  |
| 19.2 | New WIDs/SIDs for Rel-19 |  |  |  |  |  |
| 19.3 | Revised WIDs/SIDs for Rel-19 | [4028](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254028.zip) | WID revised Rel-19 Revised WID on IMS Disaster Prevention and Restoration Enhancement | China Telecom Corporation Ltd. | Revised to 4364 | WI: IMS\_RES-CTHuawei: is it ok to have December as completion date? MCC will check.Ericsson: Need to wait stage 2 discussions in CT4.Nokia: keep it open, align with stage 2.Keep it open based on CT4 discussions. |
|  |  | [4364](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254364.zip) | WID revised Rel-19 Revised WID on IMS Disaster Prevention and Restoration Enhancement | China Telecom Corporation Ltd. |  |  |
|  |  | [4079](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254079.zip) | WID revised Rel-19 Revised WID on Next Generation Real time Communication services Phase 2 | China Mobile | Revised to 4365 | WI: NG\_RTC\_Ph2Revision of CP-242250Open to see if December is fine for completion. Ok with the CT3 change. Pending on the discussion of the related CR. |
|  |  | [4365](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254365.zip) | WID revised Rel-19 Revised WID on Next Generation Real time Communication services Phase 2 | China Mobile |  |  |
|  |  | [4129](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254129.zip) | WID revised Rel-19 CT aspects of application enablement for AIML services | Lenovo | Revised to 4366 | WI: AIML\_AppSame issue for December.Ericsson: wrong version of the WID.The only impact is related to TS 29.558. The change is ok. Indicate this is the revision of the latest approved WID. |
|  |  | [4366](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254366.zip) | WID revised Rel-19 CT aspects of application enablement for AIML services | Lenovo |  |  |
| 19.4 | TEI19 [TEI19]*Please use agenda 19.4.1 and 19.4.2 for IMS/CS and Packet Core respectively.**If the topic is related to previous release, please use both TEI19 and the WI code of previous release (e.g. TEI19, 5GS\_Ph1-CT)* | [4094](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254094.zip) | CR 0163 29.517 Rel-19 Corrections on the reference number of the TSs | Huawei |  | TEI19 |
|  |  | [4095](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254095.zip) | CR 0130 29.574 Rel-19 Corrections on the reference number of the TSs | Huawei |  | TEI19 |
|  |  | [4096](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254096.zip) | CR 0248 29.591 Rel-19 Corrections on the reference number of the TSs | Huawei |  | TEI19 |
|  |  | [4244](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254244.zip) | CR 0463 29.549 Rel-19 Pseudo-CR to void the unused references | Samsung R&D Institute India |  | Correct the WI code to TEI19.Correct the source to WG or 3GU. |
|  |  | [4249](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254249.zip) | CR 0803 29.514 Rel-19 Corrections to Reference | Ericsson |  | TEI19 |
|  |  | [4324](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254324.zip) | CR 0447 29.222 Rel-19 Removal of unused references in TS 29.222 | Samsung |  | TEI19 |
|  |  | [4335](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254335.zip) | CR 0287 29.558 Rel-19 Removal of unused references in TS 29.558 | Samsung |  | TEI19 |
|  |  | [4119](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254119.zip) | CR 0056 29.435 Rel-19 TS reference correction | China Mobile |  | TEI19 |
|  |  | [4120](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254120.zip) | CR 1102 29.520 Rel-19 TS reference correction | China Mobile |  | TEI19 |
|  |  | [4121](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254121.zip) | CR 0226 29.521 Rel-19 TS reference correction | China Mobile |  | TEI19 |
|  |  | [4122](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254122.zip) | CR 0070 29.538 Rel-19 TS reference correction | China Mobile |  | TEI19 |
|  |  | [4123](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254123.zip) | CR 0118 29.575 Rel-19 TS reference correction | China Mobile |  | TEI19 |
|  |  | [4316](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254316.zip) | CR 0556 29.061 Rel-19 Corrections to unused references | Ericsson |  | TEI19 |
|  |  | [4356](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254356.zip) | CR 0076 29.257 Rel-19 Removal of unused references | Huawei |  | TEI19Correct TS version |
|  |  | [4357](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254357.zip) | CR 0065 29.548 Rel-19 Removal of unused references | Huawei |  | TEI19Correct TS version |
|  |  | [4293](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254293.zip) | CR 0376 29.508 Rel-19 Correction of wrong TS reference | Nokia |  | TEI19Correct WI code. |
|  |  | [4208](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254208.zip) | CR 0615 29.513 Rel-19 TS reference correction | ZTE |  | TEI19 |
|  |  | [4354](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254354.zip) | CR 0075 29.257 Rel-19 Correction of incorrect references | Huawei |  | Correct TS version.TEI19 |
|  |  | [4355](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254355.zip) | CR 0064 29.548 Rel-19 Correction of incorrect references | Huawei |  | Correct TS versionTEI19 |
| 19.4.1 | TEI19 for IMS/CS |  |  |  |  |  |
| 19.4.2 | TEI19 for Packet Core | [4027](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254027.zip) | CR 0346 29.507 Rel-19 Correction of charging information | China Telecom | Revised to 4490 | TEI19, 5GS\_Ph1-CTThis CR introduces backward compatible correction to the following API:TS29507\_Npcf\_AMPolicyControl.yaml**Revision of C3-253074**Huawei: clashes with Huawei’s CR. Propose to use that CR as a basis.Verizon: No comments. Wants to cosign China Telecom CR.Ericsson: No strong opinion on the merging. Extra change in this CR. |
|  |  | 4490 | CR 0346 29.507 Rel-19 Correction of charging information | China Telecom, Huawei |  |  |
|  |  | [4029](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254029.zip) | CR 1388 29.512 Rel-19 Correction of charging information | China Telecom | Revised to 4491 | TEI19, 5GS\_Ph1-CTThis CR introduces backward compatible correction to the following API:TS29512\_Npcf\_SMPolicyControl.yaml**Revision of C3-253075** |
|  |  | 4491 | CR 1388 29.512 Rel-19 Correction of charging information | China Telecom, Huawei |  |  |
|  |  | [4030](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254030.zip) | CR 0611 29.519 Rel-19 Correction of charging information | China Telecom | Revised to 4492 | TEI19, 5GS\_Ph1-CTThis CR introduces backward compatible correction to the following API:TS29519\_Policy\_Data.yaml**Revision of C3-253076** |
|  |  | 4492 | CR 0611 29.519 Rel-19 Correction of charging information | China Telecom, Huawei |  |  |
|  |  | [4031](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254031.zip) | CR 0400 29.525 Rel-19 Correction of charging information | China Telecom | Revised to 4493 | TEI19, 5GS\_Ph1-CTThis CR introduces backward compatible correction to the following API:TS29525\_Npcf\_UEPolicyControl.yaml**Revision of C3-253077** |
|  |  | 4493 | CR 0400 29.525 Rel-19 Correction of charging information | China Telecom, Huawei |  |  |
|  |  | [4061](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254061.zip) | CR 0365 29.508 Rel-19 Support of the Notification Target Address of the UPF event consumer | Huawei |  | TEI19, UPEASThis CR introduces backward compatible correction to the following API:TS29508\_Nsmf\_EventExposure.yamlCorrect coversheet.Nokia, ZTE, Ericsson: extend the description of existing attributes, do not accept the new attributes. |
|  |  | [4165](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254165.zip) | CR 0352 29.507 Rel-19 Updates to complete the support of providing the CHF Group ID | Huawei | Merged with 4027 into 4490 | TEI19, 5GS\_Ph1-CT, SBIProtoc19This CR introduces backwards compatible new feature and corrections to the OpenAPI descriptions of the following APIs:TS29507\_Npcf\_AMPolicyControl.yamlRevision of C3-253354Nokia/Ericsson: Ok to move the NRF description at attribute level in TS 29.519. Ok to keep it.China Telecom: ok to have it in TS 29.519.Huawei: not ok to move the NRF to the attribute description. Open to include it in every PCC TS. |
|  |  | [4166](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254166.zip) | CR 1407 29.512 Rel-19 Updates to complete the support of providing the CHF Group ID | Huawei | Merged with 4029 into 4491 | TEI19, 5GS\_Ph1-CT, SBIProtoc19This CR introduces backwards compatible new feature and corrections to the OpenAPI descriptions of the following APIs:* TS29502\_Nsmf\_PDUSession.yaml
* TS29507\_Npcf\_AMPolicyControl.yaml
* TS29512\_Npcf\_SMPolicyControl.yaml
* TS29519\_Policy\_Data.yaml

TS29525\_Npcf\_UEPolicyControl.yamlRevision of C3-253355 |
|  |  | [4167](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254167.zip) | CR 0620 29.519 Rel-19 Updates to complete the support of providing the CHF Group ID | Huawei | Merged with 4030 into 4492 | TEI19, 5GS\_Ph1-CTThis CR introduces backwards compatible new feature and corrections to the OpenAPI descriptions of the following APIs:TS29519\_Policy\_Data.yamlRevision of C3-253356 |
|  |  | [4168](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254168.zip) | CR 0404 29.525 Rel-19 Updates to complete the support of providing the CHF Group ID | Huawei | Merged with 4031 into 4493 | TEI19, 5GS\_Ph1-CT, SBIProtoc19This CR introduces backwards compatible new feature and corrections to the OpenAPI descriptions of the following APIs:TS29525\_Npcf\_UEPolicyControl.yamlRevision of C3-253357 |
|  |  | [4209](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254209.zip) | CR 0356 29.507 Rel-19 Adding the OAM information as one input of policy decision | ZTE | Revised to 4395 | TEI19, eNS\_Ph3, IIoTCorrect tdoc number.Ericsson: Adding OAM is not necessary.Nokia: add one more bullet for PCF for PDU session.Huawei: suggest add “e.g.”, and editorial comments. |
|  |  | [4395](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254395.zip) | CR 0356 29.507 Rel-19 Adding the OAM information as one input of policy decision | ZTE |  |  |
|  |  | [4210](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254210.zip) | CR 0357 29.507 Rel-19 Corrections related to slice | ZTE | Revised to 4396 | TEI19, eNS\_Ph3, 5WWCThis CR introduces backward compatible correction to the following API:TS29507\_Npcf\_AMPolicyControl.yamlNokia, Ericsson: remove “in the AMF” in 5.6.2.3 and 5.6.2.4Huawei: revise the description in 5.6.2.3 and 5.6.2.4 to make it clearer. |
|  |  | [4396](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254396.zip) | CR 0357 29.507 Rel-19 Corrections related to slice | ZTE |  |  |
|  |  | [4211](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254211.zip) | CR 0369 29.508 Rel-19 Incorrect presence condition of pduSessType attribute | ZTE |  | TEI19, 5G\_CIoT, eNA, AIML\_CNHuawei: ask for clarification, and list dependency with feature.Ericsson: CR is not needed, do not see requirement from stage 2. |
|  |  | [4250](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254250.zip) | CR 0625 29.519 Rel-19 Corrections for handling when FinerGranUEs feature is supported | Ericsson | Revised to 4397 | TEI19, EDGE\_Ph2Nokia: CR is not needed.Huawei: simplify the note in 1st change, 2nd change is not needed, editorial comments in 3rd change.Nokia: 1stchange can be revised. |
|  |  | [4397](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254397.zip) | CR 0625 29.519 Rel-19 Corrections for handling when FinerGranUEs feature is supported | Ericsson |  |  |
|  |  | [4251](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254251.zip) | CR 1423 29.512 Rel-19 Corrections to uePolFailReport in the SmpolicyContextData | Ericsson |  | TEI19, eUEPOHuawei, Nokia: CR is not needed. |
|  |  | [4252](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254252.zip) | CR 0228 29.521 Rel-19 PCF for UE binding clean up | Ericsson |  | TEI19, TEI17\_DCAMPThis CR introduces backward compatible corrections to the following APIs: TS29521\_Nbsf\_Management.yamlNokia: not SA2 requirement.Huawei: agree with Nokia, but can live with it and will provide detailed comments by e-mail.Ericsson: discussion from C3-214412 |
|  |  | [4253](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254253.zip) | CR 1733 29.522 Rel-19 Notification about AF application AM context termination | Ericsson |  | TEI19, TEI17\_DCAMPThis CR introduces backward compatible corrections to the following APIs: TS29522\_AMPolicyAuthorization.yamlNokia, Huawei: not SA2 requirement. SA2 only notify events not the termination. |
|  |  | [4254](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254254.zip) | CR 1424 29.512 Rel-19 Error handling for QoS Monitoring | Ericsson |  | TEI19, XRMThis CR introduces backward compatible corrections to the following APIs: TS29512\_Npcf\_SMPolicyControl.yaml |
|  |  | [4255](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254255.zip) | CR 0804 29.514 Rel-19 Corrections to the congestReports | Ericsson |  | TEI19, XRM |
|  |  | [4256](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254256.zip) | CR 0358 29.507 Rel-19 AM policy UpdateNotify handling during AMF mobility | Ericsson | Postponed | TEI19, 5GS\_Ph1-CTNokia: PENDING\_TRANSACTION\_ERROR can be used instead.Huawei: This is a generic case. Existing 5xx errors can be used. This is not a client-side error. Don’t agree with the timer in the PCF. CR not needed. |
|  |  | [4257](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254257.zip) | CR 0805 29.514 Rel-19 Notification about termination of background data transfer | Ericsson |  | TEI19, xBDTThis CR introduces backward compatible corrections to the following APIs: TS29514\_Npcf\_PolicyAuthorization.yamlTS29565\_Ntsctsf\_QoSandTSCAssistance.yamlNokia: revise description and remove “5G” in feature name.Huawei: error in reason for change. CR is not needed.ZTE: agree with Huawei, and not impact 29.514 |
|  |  | [4258](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254258.zip) | CR 0406 29.525 Rel-19 Corrections to UE policies for supporting V2X/A2X Capability | Ericsson | Revised to 4398 | TEI19, eV2XARC, SBIProtoc19This CR introduces backward compatible corrections to the following APIs: TS29525\_Npcf\_UEPolicyControl.yamlHuawei: the capability should not send to the PCF. 14c should be removed. Should change agenda to “SBIProtoc19”. No need to send LS.Nokia: prefer LS to CT1, agree most comments from Huawei except clause 4.2.3.1. |
|  |  | [4398](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254398.zip) | CR 0406 29.525 Rel-19 Corrections to UE policies for supporting V2X/A2X Capability | Ericsson |  |  |
|  |  | [4282](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254282.zip) | CR 0374 29.508 Rel-19 Missing data type applicability | Nokia | Agreed | TEI19, 5G\_CIoT |
|  |  | [4283](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254283.zip) | CR 0201 29.561 Rel-19 Misplaced definition | Nokia |  | TEI19, ATSSSEricsson: the CR should be cat “D”.Huawei: it should keep as cat “F”.**Check with MCC.** |
|  |  | [4289](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254289.zip) | CR 1426 29.512 Rel-19 Correction to reserved QoS rule precedence value | Nokia, Apple | Postponed | TEI19, 5GS\_Ph1-CTZTE & Ericsson: support the CR.Huawei: CT3 specs are clear. |
|  |  | [4336](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254336.zip) | CR 0616 29.513 Rel-19 BDT resource creation using Nudr\_DM | Ericsson |  | TEI19, 5GS\_Ph1-CTNokia/Huawei: the figure does not need to be modified.Huawei: Change to create is not ok.ZTE: The figure should just update the Nudr operation. 3rd change not needed. Editorials accepted. |
|  |  | [4337](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254337.zip) | CR 0109 29.554 Rel-19 BDT resource creation using Nudr\_DM | Ericsson |  | TEI19, 5GS\_Ph1-CT |
|  |  | [4363](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254363.zip) | CR 1743 29.522 Traffic Influence corrections | Ericsson | Agreed | TEI19, eEDGE\_5GC |
| 19.5 | CT Aspects on Minimize the Number of Policy Associations [TEI19\_MINPA] |  |  |  |  |  |
| 19.6 | CT aspects of Enhancing Parameter Provisioning with static UE IP address and UP security policy [TEI19\_IP\_SP\_EXP] |  |  |  |  |  |
| 19.7 | CT aspects of Providing per-subscriber VLAN instructions from UDM and DN-AAA [TEI19\_VLANSUB] |  |  |  |  |  |
| 19.8 | CT Aspects of Application Layer Support for Uncrewed Aerial Systems (UAS), Phase 3 [UASAPP\_Ph3] |  |  |  |  |  |
| 19.9 | CT aspects for Enabling Edge Applications Phase 3 [EDGEAPP\_Ph3] |  |  |  |  |  |
| 19.10 | Service Based Interface Protocol Improvements Release 19 [SBIProtoc19] | [4212](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254212.zip) | CR 0067 29.535 Rel-19 Incomplete mandatory attributes in procedure | ZTE | Revised to 4494 | Nokia/Ericsson/Huawei: rephrase so that both data are allowed when the feature is supported.Ericsson: format issue. |
|  |  | 4494 | CR 0067 29.535 Rel-19 Incomplete mandatory attributes in procedure | ZTE |  |  |
|  |  | [4245](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254245.zip) | CR 0251 29.591 Rel-19 TrafficInfluData type not included as a reused data type | Ericsson | Revised to 4495 | Wrong WIC.Correct CR number.Huawei: add “the”, remove “for” |
|  |  | 4495 | CR 0251 29.591 Rel-19 TrafficInfluData type not included as a reused data type | Ericsson | Pre-Agreed |  |
|  |  | [4246](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254246.zip) | CR 0227 29.521 Rel-19 Corrections to the PCF binding API | Ericsson |  |  |
|  |  | [4278](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254278.zip) | CR 0626 29.519 Rel-19 Adding correlation identifiers to Application Data and Exposure Data subscriptions | Nokia |  | This CR introduces backward compatible feature to the following APIs:TS29519\_Application\_Data.yamlTS29591\_Nnef\_TrafficInfluenceData.yamlTS29519\_Exposure\_Data.yaml |
|  |  | [4279](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254279.zip) | CR 0627 29.519 Rel-19 OpenAPI type correction | Nokia |  | This CR introduces backward compatible feature to the following APIs:TS29519\_Application\_Data.yaml |
|  |  | [4280](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254280.zip) | CR 0118 29.594 Rel-19 Wrong feature name | Nokia |  |  |
|  |  | [4281](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254281.zip) | CR 0119 29.594 Rel-19 Wrong references | Nokia |  |  |
|  |  | [4292](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254292.zip) | CR 0375 29.508 Rel-19 Correct attribute names | Nokia |  | This CR introduces backward compatible correction to the following APIs: TS29508\_Nsmf\_EventExposure.yaml |
|  |  | [4317](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254317.zip) | CR 0164 29.517 Rel-19 Correction to Supported Features | Ericsson |  |  |
|  |  | [4318](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254318.zip) | CR 0253 29.591 Rel-19 Corrections to Supported Features | Ericsson |  |  |
|  |  | [4319](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254319.zip) | CR 0139 29.551 Rel-19 Corrections to Supported Features | Ericsson |  | This CR introduces backwards compatible corrections to the following APIs: TS29551\_Nnef\_PFDmanagement.yaml |
|  |  | [4320](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254320.zip) | CR 0128 29.523 Rel-19 Correction to Supported Features | Ericsson |  |  |
|  |  | [4321](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254321.zip) | CR 0048 29.675 Rel-19 Correction to Supported Features | Ericsson |  |  |
|  |  | [4322](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254322.zip) | CR 0119 29.575 Rel-19 Corrections to Supported Features | Ericsson |  |  |
|  |  | [4323](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254323.zip) | CR 0181 29.565 Rel-19 Corrections to Supported Features | Ericsson |  |  |
| 19.11 | Subscriber Data Migration [SUBDMIG] |  | **N/A IN CT3** |  |  |  |
| 19.12 | Rel-19 Enhancements of 3GPP Northbound and Application Layer Interfaces and APIs [NBI19] | [4110](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254110.zip) | CR 0063 29.548 Rel-19 DurationMillisec Common OpenAPI update | Nokia |  | This CR introduces a backward compatible feature to the following APIs:TS29548\_SDD\_PolicyConfiguration.yamlTS29122\_CommonData.yamlAlign category with impacts in Other Comments |
|  |  | [4111](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254111.zip) | CR 1712 29.522 Rel-19 Reused APIs applicable for both EPS and 5GS update | Nokia |  |  |
|  |  | [4116](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254116.zip) | CR 0458 29.549 Rel-19 SS\_LocationReporting API Error handling update | Nokia |  |  |
|  |  | [4146](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254146.zip) | CR 0973 29.122 Rel-19 Support the 200 OK status in the PATCH response for the MonitoringEvent API | Huawei |  | This CR introduces a backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29122\_MonitoringEvent.yaml |
|  |  | [4147](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254147.zip) | CR 0431 29.222 Rel-19 Updates and corrections to the Initiate\_Authentication service operation of the AEF\_Security\_API | Huawei |  | This CR introduces a backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29222\_AEF\_Security\_API.yaml |
|  |  | [4148](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254148.zip) | CR 0042 29.255 Rel-19 Adding the missing CAPIF related general clauses | Huawei |  | NBI19, CAPIF\_Ph3 |
|  |  | [4217](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254217.zip) | CR 0434 29.222 Rel-19 Clarification on aefId and apiName fields in the token scope | Ericsson |  |  |
|  |  | [4218](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254218.zip) | CR 0435 29.222 Rel-19 Correction of OpenAPI add missing properties and remove incorrect description | Ericsson |  | This CR provides backwards compatible corrections for the following APIs:TS29222\_CAPIF\_Discover\_Service\_API.yamlTS29222\_CAPIF\_Publish\_Service\_API.yamlTS29222\_CAPIF\_API\_Invoker\_Management\_API.yamlTS29222\_CAPIF\_Security\_API.yamlTS29222\_CAPIF\_Access\_Control\_Policy\_API.yamlTS29222\_CAPIF\_Logging\_API\_Invocation\_API.yamlTS29222\_CAPIF\_Auditing\_API.yamlTS29222\_CAPIF\_API\_Provider\_Management\_API.yamlTS29222\_CAPIF\_Routing\_Info\_API.yaml |
|  |  | [4275](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254275.zip) | CR 0978 29.122 Rel-19 Wrong attribute entry | Nokia |  |  |
|  |  | [4291](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254291.zip) | CR 0442 29.222 Rel-19 Correction of ProblemDetails data type reference | Nokia |  |  |
|  |  | [4302](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254302.zip) | CR 0979 29.122 Rel-19 Event Exposure Expiry Time Subscription Update | Ericsson |  | This CR introduces backwards-compatible feature with impacts on the following APIs:- TS29122\_MonitoringEvent.yaml |
|  |  | [4303](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254303.zip) | CR 1736 29.522 Rel-19 Event Exposure Expiry Time Subscription Update | Ericsson |  |  |
|  |  | [4325](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254325.zip) | CR 0043 29.255 Rel-19 Corrections to Supported Features | Ericsson |  |  |
|  |  | [4326](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254326.zip) | CR 0074 29.257 Rel-19 Corrections to Supported Features | Ericsson |  |  |
|  |  | [4327](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254327.zip) | CR 0448 29.222 Rel-19 Corrections to Supported Features | Ericsson |  |  |
|  |  | [4328](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254328.zip) | CR 0980 29.122 Rel-19 Corrections to Supported Features | Ericsson |  | This CR introduces backwards compatible corrections to the following APIs: TS29122\_ChargeableParty.yaml |
|  |  | [4329](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254329.zip) | CR 0981 29.122 Rel-19 Corrections to AppId feature and one of descriptions | Ericsson |  |  |
|  |  | [4330](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254330.zip) | CR 1739 29.522 Rel-19 Corrections to UEAddress API | Ericsson, AT&T |  |  |
|  |  | [4331](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254331.zip) | CR 1740 29.522 Rel-19 Corrections to PATCH and feature in UEId API | Ericsson |  | This CR introduces backwards compatible correction to the following API: TS29522\_UEId.yaml |
|  |  | [4353](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254353.zip) | CR 0982 29.122 Rel-19 Removal of unused references from the NBI TS Skeleton | Huawei |  |  |
|  |  | [4354](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254354.zip) | CR 0075 29.257 Rel-19 Correction of incorrect references | Huawei |  | Correct TS version |
|  |  | [4355](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254355.zip) | CR 0064 29.548 Rel-19 Correction of incorrect references | Huawei |  | Correct TS version |
|  |  | 4481 | CR 0974 29.122 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
| 19.13 | IMS Stage-3 IETF Protocol Alignment [IMSProtoc19] |  |  |  |  |  |
| 19.14 | Protocol enhancements for Mission Critical Services [MCProtoc19] |  |  |  |  |  |
| 19.15 | Enhancement of controlling RAT utilization [ECRATU] |  | **N/A IN CT3** |  |  |  |
| 19.16 | Enhanced Mission Critical Location Management [enhMCLoc] |  | **N/A IN CT3** |  |  |  |
| 19.17 | Stage-3 5GS NAS protocol development 19 general aspects [5GProtoc19] |  | **N/A IN CT3** |  |  |  |
| 19.18 | Stage-3 5GS NAS protocol development 19 non 3GPP aspects [5GProtoc19-non3GPP] |  | **N/A IN CT3** |  |  |  |
| 19.19 | Stage-3 SAE Protocol Development general [SAES19] |  | **N/A IN CT3** |  |  |  |
| 19.20 | Stage3 SAE Protocol Development non 3GPP [SAES19-non3GPP] |  | **N/A IN CT3** |  |  |  |
| 19.21 | CT Aspects of Indirect Network Sharing [TEI19\_NetShare] |  |  |  |  |  |
| 19.22 | CT aspects of railways specific enhancements to mission critical services [FRMCS\_Ph5] |  | **N/A IN CT3** |  |  |  |
| 19.23 | CT aspects of Architecture support of roaming value-added services [TEI19\_RVAS] |  |  |  |  |  |
| 19.24 | CT Aspects of On-demand broadcast of GNSS assistance enhancement [TEI19\_OBGAD] |  | **N/A IN CT3** |  |  |  |
| 19.25 | CT aspects of NF discovery and selection by target PLMN [TEI19\_NFsel\_by\_tPLMN] |  | **N/A IN CT3** |  |  |  |
| 19.26 | CT aspects of enhancement of support for Edge Computing in 5G Core network - Phase 3 [eEDGE\_5GC\_Ph3] | [4272](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254272.zip) | CR 1734 29.522 Rel-19 N6 delay measurement protocol-specific configurations | Nokia |  | This CR introduces backward compatible correction to the following APIs:TS29519\_Application\_Data.yamlTS29522\_EASDeployment.yamlTS29591\_Nnef\_EASDeployment.yamlEricsson: CT3 cannot progress because SA2 said that "the detailed protocol-specific configurations and the related security aspects" are for SA3.Huawei: No need to change measurement info to array and vice-versa for suppMeasProtoc, "configParams" should be kept with new encoding. For the new encoding a single attribute for STAMP/OWAMP/TWAMP is enough. Remove attribute names from the NOTE in 5.21.4.3.6. Align the OpenAPI file accordingly.Nokia: SA2 explains the contents and provisions, SA3 may have security considerations. Unless we receive security considerations from SA3 we normally implement SA2-defined APIs/inputs. |
| 19.27 | MPS for IMS Messaging and SMS services [MPS4msg] |  |  |  |  |  |
| 19.28 | Identifying non-3GPP Devices Connecting behind a UE or 5G-RG [UIA\_ARC] | [4078](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254078.zip) | Work Plan Rel-19 Work plan for UIA\_ARC | InterDigital | Noted | Revision of C3-253052 |
|  |  | [4247](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254247.zip) | CR 1422 29.512 Rel-19 Corrections to the SMPolicy handling | Ericsson | Agreed |  |
| 19.29 | CT aspects on Spending Limits for UE Policies in Roaming scenario [TEI19\_SLUPiR] |  |  |  |  |  |
| 19.30 | CT aspects of QoS monitoring enhancement [TEI19\_QME] |  |  |  |  |  |
| 19.31 | CT Aspects of Phase3 for UAS, UAV and UAM [UAS\_Ph3] | [4332](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254332.zip) | CR 1120 29.520 Rel-19 Updates to Movement Behaviour Analytics for Pre-flight Planning | Ericsson |  | This CR introduces backwards compatible feature to the OpenAPI file of the following APIs: TS29520\_Nnwdaf\_EventsSubscription.yamlTS29520\_Nnwdaf\_AnalyticsInfo.yaml |
|  |  | [4333](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254333.zip) | CR 0165 29.517 Rel-19 Support UE altitude information exposure for UAV UE | Ericsson |  | This CR introduces backwards compatible feature to the OpenAPI file of the following APIs: TS29517\_Naf\_EventExposure.yamlTS29591\_Nnef\_EventExposure.yaml |
|  |  | [4334](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254334.zip) | CR 0254 29.591 Rel-19 Support UE altitude information exposure for UAV UE | Ericsson |  | This CR introduces backwards compatible feature to the OpenAPI file of the following APIs: TS29591\_Nnef\_EventExposure.yaml |
| 19.32 | CT aspects of enhanced application layer support for location services [eLSAPP] | [4083](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254083.zip) | CR 0454 29.549 Rel-19 Correct the name of the attribute SlPosMgmtParamResp | CATT | Revised to 4403 | This CR introduces backward compatible correction to the following APIs:TS29549\_SS\_SLPositioningManagement.yamlWrong API in Other CommentsProposed changes affects is missing. |
|  |  | 4403 | CR 0454 29.549 Rel-19 Correct the name of the attribute SlPosMgmtParamResp | CATT | Pre-Agreed |  |
| 19.33 | CT aspects of SEAL data delivery enabler for vertical applications Phase 2 [SEALDD\_Ph2] |  |  |  |  |  |
| 19.34 | CT aspects of integration of satellite components in the 5G architecture Phase 3 [5GSAT\_Ph3\_ARCH] | [4248](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254248.zip) | CR 0802 29.514 Rel-19 Corrections to AfEvent in Npcf\_PolicyAuthorization API | Ericsson | Agreed | This CR introduces backward compatible corrections to the following APIs: TS29122\_AsSessionWithQoS.yamlTS29514\_Npcf\_PolicyAuthorization.yamlTS29519\_Application\_Data.yamlTS29565\_Ntsctsf\_QoSandTSCAssistance.yaml |
| 19.35 | CT aspects of ProSe support in NPN [TEI19\_ProSe\_NPN] |  |  |  |  |  |
| 19.36 | CT aspects of Proximity-based Services in 5GS Phase 3 [5G\_ProSe\_Ph3] |  |  |  |  |  |
| 19.37 | CT aspects of UPF enhancement for Exposure And SBA Phase 2 [UPEAS\_Ph2] |  |  |  |  |  |
| 19.38 | Rel-19 Enhancements of Network Automation Enablers [eNetAE19] | [4093](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254093.zip) | CR 1101 29.520 Rel-19 Optimizations on the data collection for PDU session | Huawei |  | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29520\_Nnwdaf\_EventsSubscription.yamlTS29520\_Nwdaf\_AnalyticsInfo.yamlMissing API in Other Comments. |
|  |  | [4273](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254273.zip) | discussion Rel-19 Providing inputs and deleting a subscription for ML model training | Nokia |  |  |
|  |  | [4274](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254274.zip) | CR 1117 29.520 Rel-19 ML Model Training Unsubscribe inputs | Nokia |  | This CR introduces backward compatible feature to the following APIs:TS29520\_Nnwdaf\_MLModelTraining.yaml |
| 19.39 | CT aspects of Core Network Enhanced Support for Artificial Intelligence (AI) and Machine Learning (ML) [AIML\_CN] | [4033](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254033.zip) | discussion Rel-19 Work plan for the CT aspects of AIML\_CN | vivo |  | Ericsson. Remove TS 29.518 from the Work Plan. |
|  |  | [4057](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254057.zip) | pCR 29.530 Rel-19 Pseudo-CR on enhancements and corrections on the API descriptions | Huawei | Revised to 4367 | Ericsson: format issues in the introduction. 6.1.6.1 the change needs to be replaced according to 4227. Clash with 4268 from Nokia. Huawei: will remove the clashes with Ericsson and Nokia will remove 5.1 & 6.3. |
|  |  | [4367](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254367.zip) | pCR 29.530 Rel-19 Pseudo-CR on enhancements and corrections on the API descriptions | Huawei, Nokia, Ericsson |  |  |
|  |  | [4058](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254058.zip) | CR 0247 29.591 Rel-19 Corrections on the Nnef\_Inference API | Huawei | Revised to 4370 | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29591\_Nnef\_Inference.yamlNokia: Clashes 4271 1st and 2nd changes. Huawei will remove the clash.Samsung: missing change related to the change in clause 5.8.6.4.2. |
|  |  | [4370](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254370.zip) | CR 0247 29.591 Rel-19 Corrections on the Nnef\_Inference API | Huawei |  |  |
|  |  | [4059](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254059.zip) | CR 1100 29.520 Rel-19 Enhancements on the QoS and policy assistance analytics | Huawei | Revised to 4371 | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29520\_Nnwdaf\_EventsSubscription.yamlAlign category with Other CommentsEricsson: Two more APIs missing in Other Comments. Reused data table is impacted with the new data type. Ericsson wants to cosign.Nokia: remove first change, align the description with CT4 for the second change. |
|  |  | [4371](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254371.zip) | CR 1100 29.520 Rel-19 Enhancements on the QoS and policy assistance analytics | Huawei, Ericsson, Nokia |  |  |
|  |  | [4060](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254060.zip) | CR 0364 29.508 Rel-19 Resolve the Editor’s Note for QoS parameter in the notification | Huawei |  | Ericsson: Clashes with 4214, 4262, 4343.ZTE: 1st change is not needed.Nokia: agree with removal of 1st change. The second change should indicate that 5qi and the qosParamSet should not be provided. |
|  |  | [4124](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254124.zip) | CR 1103 29.520 Rel-19 Correct the attribute in the Nnwdaf\_VFLInference\_Subscribe service operation | China Mobile | Agreed |  |
|  |  | [4125](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254125.zip) | CR 1104 29.520 Rel-19 Application errors for Nnwdaf\_VFLTraining | China Mobile | Revised to 4373 | Nokia: 1st change clashes with 4266. Can be removed there. |
|  |  | [4373](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254373.zip) | CR 1104 29.520 Rel-19 Application errors for Nnwdaf\_VFLTraining | China Mobile, Nokia | Pre-Agreed |  |
|  |  | [4127](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254127.zip) | pCR 29.530 Rel-19 Pseudo-CR on Correcting the clause referring | China Mobile | Agreed |  |
|  |  | [4214](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254214.zip) | CR 0370 29.508 Rel-19 Correction of QoS parameters reporting | ZTE | Revised to 4372 | Huawei: Remove NOTE 12 in 1st change. Ericsson: is fine with NOTE 12.Discuss offline NOTE 12. |
|  |  | [4372](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254372.zip) | CR 0370 29.508 Rel-19 Correction of QoS parameters reporting | ZTE |  |  |
|  |  | [4221](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254221.zip) | CR 1105 29.520 Rel-19 Correction to returned error in MLModelProvision | Ericsson | Revised to 4377 | Nokia, Huawei: 1st change, remove the added paragraph and modify the error in the previous one. |
|  |  | [4377](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254377.zip) | CR 1105 29.520 Rel-19 Correction to returned error in MLModelProvision | Ericsson |  |  |
|  |  | [4222](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254222.zip) | CR 1106 29.520 Rel-19 Correction to parameters in get and patch paths in Nnwdaf\_VFLTraining API | Ericsson | Agreed | This CR introduces backwards compatible correction in the OpenAPI file of:TS29520\_Nnwdaf\_VFLTraining.yaml API |
|  |  | [4223](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254223.zip) | CR 1107 29.520 Rel-19 Correction to the data type of sample ids to allow gpsis | Ericsson | Revised to 4378 | This CR introduces backwards compatible correction in the OpenAPI file of:TS29520\_Nnwdaf\_VFLTraining.yaml APITS29522\_Nnef\_VFLTraining.yaml APITS29530\_Naf\_VFLTraining.yaml APIHuawei: use supi and gpsi instead.Discuss offline. |
|  |  | [4378](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254378.zip) | CR 1107 29.520 Rel-19 Correction to the data type of sample ids to allow gpsis | Ericsson |  |  |
|  |  | [4224](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254224.zip) | CR 1108 29.520 Rel-19 Correction to the support of the removal of sample Ids in VFL Training notifications | Ericsson | Revised to 4374 | This CR introduces backwards compatible correction in the OpenAPI file ofTS29520\_Nnwdaf\_VFLTraining.yaml APITS29522\_Nnef\_VFLTraining.yaml APITS29530\_Naf\_VFLTraining.yaml APIRemove the second change completely.Huawei & Nokia: 3rd change is not needed.Check offline. |
|  |  | [4374](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254374.zip) | CR 1108 29.520 Rel-19 Correction to the support of the removal of sample Ids in VFL Training notifications | Ericsson |  |  |
|  |  | [4225](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254225.zip) | CR 1109 29.520 Rel-19 Correction to iteration number handling in VFL Training | Ericsson | Revised to 4375 | This CR introduces backwards compatible correction in the OpenAPI file ofTS29520\_Nnwdaf\_VFLTraining.yaml APITS29522\_Nnef\_VFLTraining.yaml APITS29530\_Naf\_VFLTraining.yaml APINokia: can remove the 1st change in 4266. Align with 4266.Offline discussion for the level of the Iteration Number.China Mobile: Align the description for VflTrainingNotify in the OpenAPI. |
|  |  | [4375](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254375.zip) | CR 1109 29.520 Rel-19 Correction to iteration number handling in VFL Training | Ericsson |  |  |
|  |  | [4226](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254226.zip) | CR 1731 29.522 Rel-19 Correction to iteration number handling in Nnef\_VFLTraining | Ericsson | Revised to 4379 | This CR introduces backwards compatible correction in the OpenAPI file ofTS29522\_Nnef\_VFLTraining.yaml APINokia: iterationNumber open discussion. Ok with the rest. |
|  |  | [4379](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254379.zip) | CR 1731 29.522 Rel-19 Correction to iteration number handling in Nnef\_VFLTraining | Ericsson |  |  |
|  |  | [4227](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254227.zip) | pCR 29.530 Rel-19 Pseudo-CR for correction to iteration number handling of Naf\_VFLTraining | Ericsson | Revised to 4368 | Nokia: Rest of changes are not needed. iterationNum should go to another level.Ericsson: ok but it will affect other CRs.Huawei: needs to check with her SA2 colleague. The iterationNumber should be removed from the notification. Affect another CR. |
|  |  | [4368](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254368.zip) | pCR 29.530 Rel-19 Pseudo-CR for correction to iteration number handling of Naf\_VFLTraining | Ericsson, Huawei |  |  |
|  |  | [4228](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254228.zip) | CR 0249 29.591 Rel-19 Correction to add missing Nnef\_VFLInference service description | Ericsson | Revised to 4380 | Huawei; Nokia: Align the description with the data model. Nokia: remove text for events in 4.10.2.2.1. Do not refer to stage 2 but stage 3 TSs, without mentioning the clause. Replace NWDAF by NF Service Consumer everywhere. 4.10.2.2.3 PUT -> PUT/PATCH. |
|  |  | [4380](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254380.zip) | CR 0249 29.591 Rel-19 Correction to add missing Nnef\_VFLInference service description | Ericsson, Nokia |  |  |
|  |  | [4229](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254229.zip) | CR 1110 29.520 Rel-19 Limited alignment for VFL Inference with VFL Training | Ericsson | Revised to 4381 | This CR introduces backwards compatible feature in the OpenAPI file ofTS29591\_Nnef\_VFLInference.yaml APIHuawei: Ok with GET changes. Alignment is not needed.Nokia: not as a common practice, but ok with the changes.Offline discussion.Vivo: 5.6.10.1 VLF->VFL. |
|  |  | [4381](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254381.zip) | CR 1110 29.520 Rel-19 Limited alignment for VFL Inference with VFL Training | Ericsson |  |  |
|  |  | [4230](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254230.zip) | CR 1732 29.522 Rel-19 Limited alignment for VFL Inference with VFL Training | Ericsson | Revised to 4382 | This CR introduces backwards compatible feature in the OpenAPI file ofTS29522\_VFLInference.yaml APIHuawei: Ok with GET changes. Alignment is not needed.Nokia: not as a common practice, but ok with the changes. Missing alignment in the OpenAPI.Offline discussion. |
|  |  | [4382](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254382.zip) | CR 1732 29.522 Rel-19 Limited alignment for VFL Inference with VFL Training | Ericsson |  |  |
|  |  | [4231](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254231.zip) | CR 0250 29.591 Rel-19 Limited alignment for VFL Inference with VFL Training | Ericsson | Revised to 4383 | This CR introduces backwards compatible feature in the OpenAPI file ofTS29591\_Nnef\_VFLInference.yaml APIHuawei: Ok with GET changes. Alignment is not needed.Nokia: not as a common practice, but ok with the changes.Offline discussion. |
|  |  | [4383](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254383.zip) | CR 0250 29.591 Rel-19 Limited alignment for VFL Inference with VFL Training | Ericsson |  |  |
|  |  | [4232](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254232.zip) | pCR 29.530 Rel-19 Pseudo-CR for limited alignment for VFL Inference with VFL Training | Ericsson | Revised to 4384 | Huawei: Ok with GET changes. Alignment is not needed.Nokia: not as a common practice, but ok with the changes. Remove the change in 5.1. Remove the clash with 4270.Offline discussion. |
|  |  | [4384](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254384.zip) | pCR 29.530 Rel-19 Pseudo-CR for limited alignment for VFL Inference with VFL Training | Ericsson |  |  |
|  |  | [4233](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254233.zip) | CR 1111 29.520 Rel-19 Correction of inconsistencies between Data Model and Nwdaf\_VFLTraining API | Ericsson | Merged with 4267 into 4385 | This CR introduces backwards compatible correction in the OpenAPI file ofTS29520\_Nnwdaf\_VFLTraining.yaml APITS29522\_Nnef\_VFLTraining.yaml APITS29530\_Naf\_VFLTraining.yaml APINokia: Can be merged with 4267 completely. |
|  |  | [4260](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254260.zip) | CR 0131 29.574 Rel-19 Signalling Storm analytics consumers | Nokia | Agreed |  |
|  |  | [4261](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254261.zip) | CR 0087 29.576 Rel-19 Signalling Storm analytics consumers | Nokia | Agreed |  |
|  |  | [4262](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254262.zip) | CR 0371 29.508 Rel-19 QoS parameters exposure for analytics assistance | Nokia |  | Huawei, ZTE, Ericsson: conditions in the table unclear. |
|  |  | [4263](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254263.zip) | CR 1112 29.520 Rel-19 QoS and Policy Assistance corrections | Nokia | Revised to 4387 | Huawei: Work offline on some wording for the second change. |
|  |  | [4387](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254387.zip) | CR 1112 29.520 Rel-19 QoS and Policy Assistance corrections | Nokia |  |  |
|  |  | [4264](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254264.zip) | CR 1113 29.520 Rel-19 VFL server id reporting | Nokia | Revised to 4388 | Ericsson: Refer to the features in the notes instead of the attributes.Huawei: Note 5 is not correct.Check offline. |
|  |  | [4388](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254388.zip) | CR 1113 29.520 Rel-19 VFL server id reporting | Nokia |  |  |
|  |  | [4265](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254265.zip) | CR 1114 29.520 Rel-19 Adding new ML model for AIML positioning | Nokia, ZTE | Postponed | This CR introduces backward compatible feature to the following APIs:TS29520\_Nnwdaf\_EventsSubscription.yamlTS29520\_Nnwdaf\_MLModelProvision.yamlTS29520\_Nnwdaf\_MLModelTraining.yamlTS29510\_Nnrf\_NFDiscovery.yamlTS29510\_Nnrf\_NFManagement.yamlTS29510\_Nnrf\_AccessToken.yamlEricsson: don’t agree with the CR.vivo: Follow CT guidelines. Continue the discussion offline till Friday. \*Do you agree on solution in C3-254265? y/n\*Do you agree on solution in C3-254345? y/nCT Chair proposes a gentleman agreement to go for the company solution with more votes. |
|  |  | [4266](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254266.zip) | CR 1115 29.520 Rel-19 VFL Training service description corrections | Nokia | Revised to 4376 | Needs to remove the clash.Ericsson: clashes with 4224. It can be removed from Ericsson CR.Nokia: Clashes with 4225.Remove 1st and 2nd change. |
|  |  | [4376](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254376.zip) | CR 1115 29.520 Rel-19 VFL Training service description corrections | Nokia, Ericsson | Pre-Agreed |  |
|  |  | [4267](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254267.zip) | CR 1116 29.520 Rel-19 VFL Training data model corrections and completion | Nokia | Revised to 4385 | This CR introduces backward compatible correction to the following APIs:TS29520\_VFLTraining.yamlWrong API in Other Comments. |
|  |  | [4385](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254385.zip) | CR 1116 29.520 Rel-19 VFL Training data model corrections and completion | Nokia, Ericsson | Pre-Agreed |  |
|  |  | [4268](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254268.zip) | pCR 29.530 Rel-19 General corrections for the AF VFL APIs | Nokia | Revised to 4369 | No additional comments apart from the clash. |
|  |  | [4369](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254369.zip) | pCR 29.530 Rel-19 General corrections for the AF VFL APIs | Nokia | Pre-Agreed |  |
|  |  | [4269](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254269.zip) | pCR 29.530 Rel-19 Service operation description corrections for the AF VFL APIs | Nokia | Agreed |  |
|  |  | [4270](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254270.zip) | pCR 29.530 Rel-19 Data model corrections for the AF VFL APIs | Nokia | Revised to 4386 |  |
|  |  | [4386](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254386.zip) | pCR 29.530 Rel-19 Data model corrections for the AF VFL APIs | Nokia, Ericsson | Pre-Agreed |  |
|  |  | [4271](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254271.zip) | CR 0252 29.591 Rel-19 NEF Inference service description corrections | Nokia | Agreed |  |
|  |  | [4343](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254343.zip) | CR 0377 29.508 Rel-19 Resolve EN for QoS profile | Ericsson |  | Nokia: disagrees with the proposal, should be based on Huawei CR plus the note in Nokia’s CR.Ericsson: disagrees with having the condition as optional. |
|  |  | [4344](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254344.zip) | CR 1121 29.520 Rel-19 Corrections to QoS Policy Assistance in Nnwdaf\_AnalyticsInfo API | Ericsson |  | This CR introduces backwards compatible corrections in the OpenAPI file ofTS29520\_Nnwdaf\_AnalyticsInfo.yamlTS29520\_Nnwdaf\_MLModelMonitor.yamlTS29520\_Nnwdaf\_MLModelProvision.yamlTS29520\_Nnwdaf\_MLModelTraining.yamlTS29520\_Nnwdaf\_VFLInference.yamlTS29520\_Nnwdaf\_VFLTraining.yamlChina Mobile: Found 27 affected APIs. Check offline. |
|  |  | [4345](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254345.zip) | CR 0989 29.520 Rel-19 Support indication of ML Model training for LMF based AIML Positioning | Ericsson | Postponed | This CR introduces backwards compatible feature to the OpenAPI file of the following API: TS29520\_Nnwdaf\_MLModelProvision.yamlRevision of C3-253402 |
|  |  | [4346](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254346.zip) | discussion Rel-19 Discussion on LMF based AIML Positioning model provisioning indicator | Ericsson | Noted |  |
| 19.40 | CT aspects of Next Generation Real time Communication services [NG\_RTC\_Ph2] | [4091](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254091.zip) | CR 1044 29.165 Rel-19 Support of DC-Info header field | Huawei | Merged with 4128 | China Mobile: The CR clashes with 4128. 4128 has more details, propose to merge this one into 4128.Ericsson: Prefers the CMCC CR as basis, too. Change "be initiated" to "shall be initiated" if this CR is used.Nokia: Agrees with merging proposal, but no strong opinion. |
|  |  | [4097](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254097.zip) | CR 1710 29.522 Rel-19 Remove the editor's note for attribute eventFilter | Huawei |  | Ericsson: Check CT4 29.571 status for the ImsEventFilter data type, including an EN. Has this been resolved?Huawei: There is a CR in CT4 resolving the 29.571 EN. |
|  |  | [4098](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254098.zip) | CR 1711 29.522 Rel-19 Remove the attribute notifUri in ImsSession | Huawei |  | This CR introduces backward compatible correction to the following APIs:TS29522\_ImsSessionManagement.yamlEricsson: Clashes with 4307. If we re-use the same attributes for notifUri/corrId, need to clarify that the values provided by the NEF are not the same as had been provided by the AF.Nokia: Clashes also with 4117. There are further duplicate attributes, not only the notifUri, because CT3 re-uses the CT4 data type inside another data type. We should not use ImsSession and ImsSessionInfo in different hierarchy levels.Huawei: Re-using a data type does not hint to using the same notifUri value, no need to clarify that the AF and NEF values are different.Ericsson: Agree to discuss the whole approach, also based on 4117. The notifUri and corrId are the only ones that are not "transparently forwarded".Merging of 4098, 4117, and 4307 will be discussed offline. |
|  |  | [4117](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254117.zip) | CR 1713 29.522 Rel-19 IMS Session handling editor note removal | Nokia |  | This CR introduces a backward compatible feature to the following APIs:TS29522\_ImsSessionManagement.yamlTS29175\_Nimsas\_ImsSessionManagement.yamlTS29571\_CommonData.yamlTS29122\_CommonData.yamlEricsson: CR not needed. Stage 2 requirement already fulfilled because of the provisions of the re-used data type ImsSessionInfo in 29.175, which already contains MediaInfoExternal. Media Type can only set to DC already in this release.Huawei: Agree with Ericsson and sees no need to duplicate because the CT4 data type already contains these attributes and can be re-used.Nokia: ImsSessionInfo should not be referred in ImsSession, bad CT3 design. Rel-19 changes are designed for DC.Merging of 4098, 4117, and 4307 will be discussed offline. |
|  |  | [4118](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254118.zip) | CR 1646 29.522 Rel-19 IMS Session PATCH handling | Nokia |  | Revision of C3-253108This CR introduces a backward compatible correction to the following APIs:TS29522\_ImsSessionManagement.yamlTS29175\_Nimsas\_ImsSessionManagement.yamlTS29571\_CommonData.yamlTS29122\_CommonData.yamlAlign category with Other Comments.Ericsson: Merge PATCH is not effective in this case. Prefer to merge into 4347 with JSON PATCH. Do not agree this approach.Huawei: Need to partially update the IMS Session, but this is not enabled by 4118. Prefers 4347.Nokia: No stage 2 requirement to update individual entries. 4118 already allows updating e.g. Audio or Video individually, and is aligned with stage 2. Need to be aligned with other NEF APIs. |
|  |  | [4128](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254128.zip) | CR 1045 29.165 Rel-19 Introduce DC-Info to indicate a DC operation request is initiated by the DC AS | China Mobile | Revised to 4399 | The CR Number is not consistent. 3GU states 1045, while the coverpage states 0xxx.TDoc Number of the file does not match the header.China Mobile: Changes need also in Table 6.2. Will share revision.Ericsson, Nokia: Will check the revision for the new addition, no other comments to the existing changes. |
|  |  | 4399 | CR 1045 29.165 Rel-19 Introduce DC-Info to indicate a DC operation request is initiated by the DC AS | China Mobile, Huawei |  |  |
|  |  | [4164](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254164.zip) | CR 1719 29.522 Rel-19 Further updates and corrections to the new IMS related NEF APIs | Huawei | Revised to 4400 | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29522\_ImsEventExposure.yamlAlign category with Other Comments.Ericsson: Better not change every "Event Exposure" occurrence to "EE". In 4.4.47.2 and 4.4.47.3, don't remove the error handling paragraphs in the end, order of steps is now inaccurate. Introducing the possibility of PATCH in IMS Reporting options is missed from the Cover Page, but Ericsson does not see to need to be able to update these individual attributes with a PATCH.Nokia: Agrees with Ericsson about EE. In 4.4.46.2 revert the first change. Same for 4.4.46.3.Huawei: Will clarify with Ericsson offline. |
|  |  | 4400 | CR 1719 29.522 Rel-19 Further updates and corrections to the new IMS related NEF APIs | Huawei |  |  |
|  |  | [4174](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254174.zip) | CR 1720 29.522 Rel-19 Add 404 Not Found application error for IMS session notification | Huawei |  | Ericsson: There is a standard 404 error which covers this case. The added cause is not needed. Not done in similar cases/APIs in the TS. Makes implementations more complex unnecessarily.Nokia: Same view as Ericsson. Unclear why here only for IMS.Huawei: Will check the standard error offline. |
|  |  | [4175](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254175.zip) | CR 1721 29.522 Rel-19 Add 404 Not Found application error for IMS event exposure notification | Huawei |  | Same discussion as 4174. |
|  |  | [4347](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254347.zip) | CR 1741 29.522 Rel-19 Updates for PATCH in ImsSessionManagement API | Ericsson |  | This CR introduces backwards compatible feature to the OpenAPI file of the following API: TS29522\_ImsSessionManagement.yamlNokia: Clash with 4118, prefers the merge PATCH, does not agree this approach at the moment.Huawei: Fine with 4347.Ericsson: Will propose offline wording for usage of JSON PATCH in this case. |
|  |  | [4306](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254306.zip) | CR 1737 29.522 Rel-19 IMS Event Exposure Failure data structure definition | Ericsson |  | This CR introduces backward compatible feature to the following APIs:TS29522\_ImsEventExposure.yamlNokia: CR not needed. Why not re-use data types for the failure causes? Where do the specific failure values come from? tgtUeInd and anyUeInd unclear.Huawei: failure enum values unclear, to be discussedEricsson: The two defined failure causes are the one defined in 29.175 and 29.562. They are just not using Enum. CT3 can use Enum. Maybe a clarification in the texts of tgtUeInd and anyUeInd related to "non-subscribers" could help?Huawei: Agrees with the need of tgtUeInd and anyUeInd. |
|  |  | [4307](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254307.zip) | CR 1738 29.522 Rel-19 IMS Session Management notification correlation Id | Ericsson |  | This CR introduces backward compatible feature to the following APIs:TS29522\_ImsSessionManagement.yamlHuawei: Re-using a data type does not mean the values need to be the same when used in different APIs/scenarios. Can discuss offline.Nokia: This CR and 4117 introduce correlation id. 4117 addresses the data type design in addition to the correlation id, so prefer to use 4117 as basis.Ericsson: Prefer to avoid confusion, because here the AF-provided notifUri will never be forwarded. For the rest of the attributes, there is no need to define them separately here.Huawei: Ok to merge 4098 into the Ericsson CR but need to discuss details.Ericsson: Fine to merge 4098 into 4307.Merging of 4098, 4117, and 4307 will be discussed offline. |
| 19.41 | CT aspects of application enablement for AIML services [AIML\_App] | [4130](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254130.zip) | Work Plan Rel-19 Work Plan for AIML\_App | Lenovo | Noted | Lenovo: Aimles\_MLModelUpdate part for CT1 is missing. |
|  |  | [4131](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254131.zip) | pCR 29.482 Rel-19 Pseudo-CR on AIMLES\_FLMemberGroupSupport API | Lenovo | Revised to 4434 | Samsung: swagger errors, e.g. data types, indentations, etc. Clashes with 4240.Ericsson: requesterId is not needed. Tags and operationId are incomplete. Description should be removed from the data types that are referred from somewhere else.Nokia: 6.1.3.6.2.2 remove extra space.Huawei: Issues in the OpenAPI file, conditional should be kept. Ericsson: proposes to remove the changes for alphabetical order from 4240. |
|  |  | 4434 | pCR 29.482 Rel-19 Pseudo-CR on AIMLES\_FLMemberGroupSupport API | Lenovo, Ericsson |  |  |
|  |  | [4132](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254132.zip) | pCR 29.482 Rel-19 Pseudo-CR on AIMLES\_MLModelPerfMonitor API | Lenovo | Revised to 4436 | Nokia: notifUri is missing in the OpenAPI.Ericsson. Swagger issues. Why cardinality is 0..3. Should be 1..N. Align in the OpenAPI. Clashes with 4234 clause 6.1.9.6.2.7. Proposes to remove the clash in Ericsson pCR.Samsung: swagger issues. FlMbrSuppGrp should be removed.Huawei: similar comments as previous one. |
|  |  | 4436 | pCR 29.482 Rel-19 Pseudo-CR on AIMLES\_MLModelPerfMonitor API | Lenovo, Ericsson |  |  |
|  |  | [4133](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254133.zip) | pCR 29.482 Rel-19 Pseudo-CR on AIMLES\_TLModelSelectionAssistance API | Lenovo | Revised to 4437 | Ericsson: TS version, remove “obtain” and add collection.Samsung: missing 24560 impacts in that TS.Huawei: similar comments. |
|  |  | 4437 | pCR 29.482 Rel-19 Pseudo-CR on AIMLES\_TLModelSelectionAssistance API | Lenovo |  |  |
|  |  | [4134](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254134.zip) | pCR 29.482 Rel-19 Pseudo-CR on MLR\_FLEvents API | Lenovo | Revised to 4438 | Ericsson: Issues with the OpenAPI. Partial clash with 4234, 6.2.3.6.1. Ok to remove that change in Ericsson CR and copy into this CR.Nokia: similar comments for requesterId.Huawei: similar comments as in previous CRs. |
|  |  | 4438 | pCR 29.482 Rel-19 Pseudo-CR on MLR\_FLEvents API | Lenovo, Ericsson |  |  |
|  |  | [4135](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254135.zip) | pCR 29.482 Rel-19 Pseudo-CR on MLR\_FLMember API | Lenovo | Revised to 4439 | Ericsson: Similar comments. Clash with 4234. Proposes to remove the clash in 4234. Missing data type in the reused data type table.Nokia: Remove e.g. in CapabilityType.Huawei: similar comments.  |
|  |  | 4439 | pCR 29.482 Rel-19 Pseudo-CR on MLR\_FLMember API | Lenovo, Ericsson |  |  |
|  |  | [4136](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254136.zip) | CR 0459 29.549 Rel-19 SS\_ADAE\_DN\_energy\_analytics API | Lenovo | Revised to 4440 | This CR introduces backward compatible feature to the following API: TS29549\_SS\_ADAE\_DN\_energy\_analytics.yamlMissing “Other Comments”Nokia: 2nd & 4th enumerated values should be removed.Samsung: Typo in the first change.Same comments. |
|  |  | 4440 | CR 0459 29.549 Rel-19 SS\_ADAE\_DN\_energy\_analytics API | Lenovo |  |  |
|  |  | [4159](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254159.zip) | pCR 29.482 Rel-19 Pseudo-CR on updating clause 5.1 | Huawei | Revised to 4441 | Ericsson: Clashes with 4241. That CR can be merged into this one.Samsung: partial clash with 4310. Will remove the clash. |
|  |  | 4441 | pCR 29.482 Rel-19 Pseudo-CR on updating clause 5.1 | Huawei, Ericsson, Samsung | Pre-Agreed |  |
|  |  | [4160](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254160.zip) | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the AIMLES\_ContextTransfer API | Huawei | Revised to 4443 | Nokia: Partial clash 4297. Merging process with Nokia & Ericsson.  |
|  |  | 4443 | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the AIMLES\_ContextTransfer API | Huawei, Nokia, Ericsson |  |  |
|  |  | [4161](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254161.zip) | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the service description clauses of the AIMLES\_DataManagement API | Huawei | Revised to 4447 | Nokia: Wrong API name in the introduction. Wrong WI code.Ericsson: Partial clash with 4242, 5.2.2.2.3.2. Ok to remove the clash from Ericsson CR. Correct table name. |
|  |  | 4447 | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the service description clauses of the AIMLES\_DataManagement API | Huawei, Ericsson | Pre-Agreed |  |
|  |  | [4162](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254162.zip) | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the API definition clauses of the AIMLES\_DataManagement API | Huawei | Revised to 4448 | Nokia: Clashes with 4299 for the data model. Remove data type in 6.1.2.6.2.5.Ericsson: Description for supported feature to be corrected, wrong clause. Why note is removed in 6.1.2.6.2.3 and the data type set to FFS. Clashes with 4234, will remove the clash.. DataAnalysisReqs not defined. 6.1.2.6.2.3 concerns on the data types. |
|  |  | 4448 | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the API definition clauses of the AIMLES\_DataManagement API | Huawei, Nokia, Ericsson |  |  |
|  |  | [4163](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254163.zip) | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the OpenAPI description AIMLES\_DataManagement API | Huawei | Revised to 4450 | Depends on the previous ones.Ericsson: Clashes with 4235. Will remove the clash. Issues in the OpenAPI for operationId for the delete and description.Samsung: Typo in the OpenAPI. |
|  |  | 4450 | pCR 29.482 Rel-19 Pseudo-CR on updates and corrections to the OpenAPI description AIMLES\_DataManagement API | Huawei, Ericsson |  |  |
|  |  | [4234](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254234.zip) | pCR 29.482 Rel-19 Pseudo-CR on 29482 document incorrections | Ericsson | Revised to 4451 | Ericsson: Will remove the clash for 4132 & 4134 & 4135 & 4310 & 4160. |
|  |  | 4451 | pCR 29.482 Rel-19 Pseudo-CR on 29482 document incorrections | Ericsson | Pre-Agreed |  |
|  |  | [4235](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254235.zip) | pCR 29.482 Rel-19 Pseudo-CR on consistent use of capital letters in AIMLES | Ericsson | Revised to 4452 | Huawei: Clashes with 4360. Ericsson will remove the clash. |
|  |  | 4452 | pCR 29.482 Rel-19 Pseudo-CR on consistent use of capital letters in AIMLES | Ericsson | Pre-Agreed |  |
|  |  | [4236](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254236.zip) | pCR 29.482 Rel-19 Pseudo-CR on corrections of Data Model in AIMLES\_AIMLEClientDiscovery API | Ericsson | Revised to 4467 |  |
|  |  | 4467 | pCR 29.482 Rel-19 Pseudo-CR on corrections of Data Model in AIMLES\_AIMLEClientDiscovery API | Ericsson | Pre-Agreed |  |
|  |  | [4237](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254237.zip) | pCR 29.482 Rel-19 Pseudo-CR on corrections of AIMLES\_AIMLEClientSelection API | Ericsson | Agreed |  |
|  |  | [4238](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254238.zip) | pCR 29.482 Rel-19 Pseudo-CR on corrections of Data Model in AIMLES\_AIMLEServiceOperationsManagement API | Ericsson | Agreed |  |
|  |  | [4239](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254239.zip) | pCR 29.482 Rel-19 Pseudo-CR on corrections of Data Model in AIMLES\_HierarchicalComputingAssist API | Ericsson | Agreed |  |
|  |  | [4240](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254240.zip) | pCR 29.482 Rel-19 Pseudo-CR on correct adaeAnalyticsId data type | Ericsson | Revised to 4435 | Ericsson: will remove the changes for the first table in the first change. |
|  |  | 4435 | pCR 29.482 Rel-19 Pseudo-CR on correct adaeAnalyticsId data type | Ericsson | Pre-Agreed |  |
|  |  | [4241](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254241.zip) | pCR 29.482 Rel-19 Pseudo-CR on completing and correcting 5.1 introduction clause | Ericsson | Merged with 4159 into 4441 |  |
|  |  | [4242](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254242.zip) | pCR 29.482 Rel-19 Pseudo-CR on correct misalignments with NBI template and incorrections in document | Ericsson | Revised to 4454 |  |
|  |  | 4454 | pCR 29.482 Rel-19 Pseudo-CR on correct misalignments with NBI template and incorrections in document | Ericsson |  |  |
|  |  | [4243](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254243.zip) | pCR 29.482 Rel-19 Pseudo-CR on corrections of the MLR\_ModelInformationDiscovery API | Ericsson | Agreed |  |
|  |  | [4294](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254294.zip) | pCR 29.482 Rel-19 Pseudo-CR on service operation of Aimles\_MLModelUpdate API | Nokia | Revised to 4406 | Ericsson: Use AIMLES\_XXX naming convention. Remove "10" from "5.2.x.10.2.1-1" in 5.2.x.2.1.Nokia: Fine with the comments. |
|  |  | 4406 | pCR 29.482 Rel-19 Pseudo-CR on service operation of Aimles\_MLModelUpdate API | Nokia |  |  |
|  |  | [4295](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254295.zip) | pCR 29.482 Rel-19 Pseudo-CR on definition for Aimles\_MLModelUpdate API | Nokia | Revised to 4407 | Ericsson: Use AIMLES\_XXX naming convention. Delete "Clause" from 6.1.x.6.1 Tables and ensure correct alphabetical order. In 6.1.x.6.2.3 change 1 to 0..1 and check with stage 2 if it shall be "only one" or "at least one".Nokia: "Clause" to be checked for consistency with the rest of the spec. Agree to change the condition to "at least one of" for mlModelInformation and mlModelRetrievalEndpoint. |
|  |  | 4407 | pCR 29.482 Rel-19 Pseudo-CR on definition for Aimles\_MLModelUpdate API | Nokia |  |  |
|  |  | [4296](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254296.zip) | pCR 29.482 Rel-19 Pseudo-CR on OpenAPI annexes of Aimles\_MLModelUpdate API | Nokia | Revised to 4408 | Ericsson: Align the OpenAPI to other updates, including the oneOf/anyOf issue and the AIMLES naming, change TS version in the OpenAPI to 29.482 v1.2.0. "operationId" needs to be more specific, e.g. RequestMLModelUpdate instead of Request.Huawei: Move OpenAPI "version" up, between title and description, and remove the quotes from it. In the "servers" description change the reference from 29.122 to the correct reference of 29.549. Change 29.549 to 29.482 in the externalDocs url. Capitalize AIMLES.Nokia: Fine with the comments. |
|  |  | 4408 | pCR 29.482 Rel-19 Pseudo-CR on OpenAPI annexes of Aimles\_MLModelUpdate API | Nokia |  |  |
|  |  | [4297](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254297.zip) | pCR 29.482 Rel-19 Pseudo-CR on correction for AIMLES\_ContextTransfer API | Nokia | Revised to 4444 |  |
|  |  | 4444 | pCR 29.482 Rel-19 Pseudo-CR on correction for AIMLES\_ContextTransfer API | Nokia, Ericsson, Samsung |  | Merging process with 4313 to be discussed offline. |
|  |  | [4298](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254298.zip) | pCR 29.482 Rel-19 Pseudo-CR on OpenAPI correction for AIMLES\_ContextTransfer API | Nokia | Revised to 4409 | Ericsson: The COMPLETED status is missing from the enum values list.Samsung: Co-sign.Nokia: Fine with the comments. |
|  |  | 4409 | pCR 29.482 Rel-19 Pseudo-CR on OpenAPI correction for AIMLES\_ContextTransfer API | Nokia, Samsung |  |  |
|  |  | [4299](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254299.zip) | pCR 29.482 Rel-19 Pseudo-CR on the correction to the definition of the data model for Aimles\_DataManagement API | Nokia | Revised to 4449 | Ericsson: Clashes with 4234. Will remove the clash. Cardinality issues, wrong clauses.Samsung: Typo. |
|  |  | 4449 | pCR 29.482 Rel-19 Pseudo-CR on the correction to the definition of the data model for Aimles\_DataManagement API | Nokia, Ericsson |  |  |
|  |  | [4310](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254310.zip) | pCR 29.482 Rel-19 Pseudo CR on updates to ML Model Training API definition | Samsung, Interdigital | Revised to 4442 | Nokia: CommonFeature is not needed. percentageComp should be integer.Ericsson: align figure numbering, cardinality, collides with 4234. Ericsson will remove the clash part. |
|  |  | 4442 | pCR 29.482 Rel-19 Pseudo CR on updates to ML Model Training API definition | Samsung, Interdigital, Ericsson |  |  |
|  |  | [4311](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254311.zip) | pCR 29.482 Rel-19 Pseudo CR on OpenAPI for AIMLE\_MLModelTraining API | Samsung, Interdigital | Revised to 4456 | Ericsson: Use AIMLES\_XXX naming convention. change TS version in the OpenAPI to 29.482 v1.2.0. Depends on 4310 and needs to align to the changes of 4310.Nokia: Same comments.Samsung: Fine with the comments. |
|  |  | 4456 | pCR 29.482 Rel-19 Pseudo CR on OpenAPI for AIMLE\_MLModelTraining API | Samsung, Interdigital |  |  |
|  |  | [4312](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254312.zip) | pCR 29.482 Rel-19 Pseudo CR on OpenAPI for AIMLE\_SplitOpEvent API | Samsung | Revised to 4457 | Ericsson: Use AIMLES\_XXX naming convention. change TS version in the OpenAPI to 29.482 v1.2.0. Missing Collection indication in the tags for POST.Nokia: Please check in Forge, an error is raised.Samsung: Fine with the comments. |
|  |  | 4457 | pCR 29.482 Rel-19 Pseudo CR on OpenAPI for AIMLE\_SplitOpEvent API | Samsung |  |  |
|  |  | [4313](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254313.zip) | pCR 29.482 Rel-19 Pseudo-CR on updates to AIMLES\_ContextTransfer API | Samsung | Merged with 4297 | Discuss offline the merging process with 4297. |
|  |  | [4358](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254358.zip) | pCR 29.482 Rel-19 Pseudo-CR on the data model correction for AIMLES\_AssistedMLModelSelection API | Nokia | Revised to 4458 | Ericsson: Clashes with 4236. Ericsson can remove the changes from 4236. Please change also the reference of ClientDiscCriteria from 6.2.2.6.2.2 to 6.1.6.6.2.2.Samsung: Correct the cardinalities in 6.1.11.6.2.4 and 6.1.11.6.2.7. |
|  |  | 4458 | pCR 29.482 Rel-19 Pseudo-CR on the data model correction for AIMLES\_AssistedMLModelSelection API | Nokia, Ericsson |  |  |
|  |  | [4359](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254359.zip) | pCR 29.482 Rel-19 Pseudo-CR on the OpenAPI correction for AIMLES\_AssistedMLModelSelection API | Nokia | Revised to 4459 | Ericsson: Change "mlModelReq" to "mlMdlReq" in AimlProfile and change "mlModelReq" to "mlModelInfo" in AssistMLMdlSelSubscPatch. |
|  |  | 4459 | pCR 29.482 Rel-19 Pseudo-CR on the OpenAPI correction for AIMLES\_AssistedMLModelSelection API | Nokia |  |  |
|  |  | [4360](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254360.zip) | pCR 29.482 Rel-19 Pseudo-CR on correcting the AIMLES\_MLModelRetrieval API name | Huawei | Revised to 4453 |  |
|  |  | 4453 | pCR 29.482 Rel-19 Pseudo-CR on correcting the AIMLES\_MLModelRetrieval API name | Huawei, Ericsson | Pre-Agreed |  |
|  |  | [4361](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254361.zip) | pCR 29.482 Rel-19 Pseudo-CR on correcting references for the AIMLES\_MLModelRetrieval API | Huawei | Revised to 4460 | Nokia: clashes with Ericsson's 4235. Ericsson can remove the change. Remove Metaverse\_App from the Cover Page. |
|  |  | 4460 | pCR 29.482 Rel-19 Pseudo-CR on correcting references for the AIMLES\_MLModelRetrieval API | Huawei | Pre-Agreed |  |
|  |  | [4362](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254362.zip) | pCR 29.482 Rel-19 Pseudo-CR on correcting references for the AIMLES\_SplitOpNodeRegistration API | Huawei | Revised to 4466 | Ericsson: Clashes with 4234. Ericsson can remove the change.Nokia: Remove Metaverse\_App from the Cover Page. |
|  |  | 4466 | pCR 29.482 Rel-19 Pseudo-CR on correcting references for the AIMLES\_SplitOpNodeRegistration API | Huawei | Pre-Agreed |  |
| 19.42 | CT aspects for application enablement for mobile metaverse services [Metaverse\_App] | [4040](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254040.zip) | pCR 29.437 Rel-19 Pseudo-CR on completing the definition of the "mapId" attribute within the SS\_SmSmasRegistration API | Huawei | Revised to 4410 | Samsung. Clashes with 4181. |
|  |  | [4410](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254410.zip) | pCR 29.437 Rel-19 Pseudo-CR on completing the definition of the "mapId" attribute within the SS\_SmSmasRegistration API | Huawei, Samsung | Pre-Agreed |  |
|  |  | [4041](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254041.zip) | pCR 29.437 Rel-19 Pseudo-CR on updating clause 5.1 | Huawei | Revised to 4413 | Samsung: collides with 4180.Samsung will remove changes in 5.1 in their CRs.Nokia/Ericsson/Samsung: prefer to keep the note as it is. Discuss offline. |
|  |  | [4413](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254413.zip) | pCR 29.437 Rel-19 Pseudo-CR on updating clause 5.1 | Huawei, Samsung |  |  |
|  |  | [4042](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254042.zip) | pCR 29.437 Rel-19 Pseudo-CR on aligning the apiName convention | Huawei |  | Samsung: Clashes with 4177. Use Samsung CR as a basis.Ericsson: missing affected clauses: 6.1.1.3.2.2, 6.1.1.3.3.2, 6.1.1.3.4.2, 6.1.1.3.5.2, also in tables 6.1.1.3.2.3.1-4. 6.1.1.3.4.3.1-4.Discuss the merging offline. |
|  |  | [4043](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254043.zip) | pCR 29.437 Rel-19 Pseudo-CR on completing the general CAPIF clause | Huawei |  | Ericsson: Ok with the changes since it refers to SEAL. Clash with 4176. Prefer this CR as a basis.Samsung: replace AIMLE by Metaverse. Accept the CR based on Ericsson explanation. Wants to cosign.Nokia: check offline if the template can be different for SEAL. |
|  |  | [4064](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254064.zip) | pCR 29.437 Rel-19 Pseudo-CR on completing the definition of the "mapId" attribute within the SS\_SmSmasRegistration API | Huawei | Withdrawn |  |
|  |  | [4065](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254065.zip) | pCR 29.437 Rel-19 Pseudo-CR on updating clause 5.1 | Huawei | Withdrawn |  |
|  |  | [4066](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254066.zip) | pCR 29.437 Rel-19 Pseudo-CR on aligning the apiName convention | Huawei | Withdrawn |  |
|  |  | [4067](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254067.zip) | pCR 29.437 Rel-19 Pseudo-CR on completing the general CAPIF clause | Huawei | Withdrawn |  |
|  |  | [4106](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254106.zip) | CR 0455 29.549 Rel-19 Digital Asset profile management update | Nokia | Revised to 4414 | This CR introduces a backward compatible feature to the following APIs:TS29549\_SS\_DAProfileManagement.yamlAlign category with Other Comments.Huawei/Ericsson: Don’t change the template.Ericsson: provide the comments to the template. |
|  |  | [4414](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254414.zip) | CR 0455 29.549 Rel-19 Digital Asset profile management update | Nokia |  |  |
|  |  | [4107](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254107.zip) | CR 0456 29.549 Rel-19 Digital Asset discovery update | Nokia | Revised to 4415 | This CR introduces a backward compatible feature to the following APIs:TS29549\_SS\_DAProfileManagement.yamlTS29549\_SS\_DADiscovery.yamlTS29122\_CommonData.yamlAlign category with Other Comments.Ericsson: daName missing in the OpenAPI. Condition between daName and daId missing in the OpenAPI.Huawei: Remove “with” and add “s” after result in the first change. |
|  |  | [4415](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254415.zip) | CR 0456 29.549 Rel-19 Digital Asset discovery update | Nokia |  |  |
|  |  | [4108](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254108.zip) | CR 0457 29.549 Rel-19 Digital Asset media management update | Nokia | Revised to 4416 | This CR introduces a backward compatible feature to the following APIs:TS29549\_SS\_DAMediaManagement.yamlAlign category with Other Comments.Ericsson: missing change in 7.13.3.6.2.4. |
|  |  | [4416](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254416.zip) | CR 0457 29.549 Rel-19 Digital Asset media management update | Nokia |  |  |
|  |  | [4112](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254112.zip) | pCR 29.437 Rel-19 Spatial Anchor Management Pose handling | Nokia | Postponed | Ericsson/Samsung/Huawei: No normative requirements in stage 2. Nokia: S6-254176/7 includes the changes. |
|  |  | [4113](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254113.zip) | pCR 29.437 Rel-19 Spatial Map Management Pose handling | Nokia | Postponed | Ericsson/Samsung/Huawei: No normative requirements in stage 2. Ericsson: Editorial comments (alphabetical order in the table). |
|  |  | [4114](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254114.zip) | pCR 29.437 Rel-19 Spatial Map Management Augmented Layer handling | Nokia | Revised to 4411 | Ericsson: Agree with the data model but the cardinality needs to be corrected in first two tables.  |
|  |  | [4411](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254411.zip) | pCR 29.437 Rel-19 Spatial Map Management Augmented Layer handling | Nokia |  |  |
|  |  | [4115](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254115.zip) | pCR 29.437 Rel-19 Spatial Anchor Discovery Response OpenAPI update | Nokia | Agreed |  |
|  |  | [4176](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254176.zip) | pCR 29.437 Rel-19 Pseudo-CR on using Common API Framework | Samsung R&D Institute India |  | Nokia: Wants to check whether the template is different for SEAL services. |
|  |  | [4177](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254177.zip) | pCR 29.437 Rel-19 Pseudo-CR on corrections to API names and suffixes | Samsung R&D Institute India |  | Ericsson/Nokia: A.2 needs to be aligned with the changes in the main body.Huawei: Prefers to use Huawei CR as a basis.Discuss the merging offline. |
|  |  | [4178](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254178.zip) | pCR 29.437 Rel-19 Pseudo-CR on Miscellaneous corrections | Samsung R&D Institute India | Revised to 4417 | Ericsson: Provide more accurate title: Correction on Spatial Anchor Usage Information Report.Huawei: 2nd change, include the complete clause. |
|  |  | [4417](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254417.zip) | pCR 29.437 Rel-19 Pseudo-CR on Miscellaneous corrections | Samsung R&D Institute India |  |  |
|  |  | [4179](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254179.zip) | pCR 29.437 Rel-19 Pseudo-CR on SS\_SmLocalization API data model | Samsung R&D Institute India | Revised to 4418 | Ericsson: Correct cardinality, supported features description, why Local3dPointUncertaintyEllipsoid is included. Add an EN for FFS.Nokia: Remove SEAL in the document. Remove TargetLocalizeIdentities data type, and use the lower level instead. Description for results need to be updated. Pose discussion ongoing.Huawei/Ericsson: remove clauses with no impacts. |
|  |  | [4418](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254418.zip) | pCR 29.437 Rel-19 Pseudo-CR on SS\_SmLocalization API data model | Samsung R&D Institute India, Nokia |  |  |
|  |  | [4180](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254180.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the OpenAPI description of the SS\_SmLocalization API | Samsung R&D Institute India | Revised to 4419 | Remove change in 5.1.Nokia: same comments as for 4179. Pose string to be removed. Nokia/Ericsson: Parsing is not working. |
|  |  | [4419](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254419.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the OpenAPI description of the SS\_SmLocalization API | Samsung R&D Institute India |  |  |
|  |  | [4181](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254181.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the OpenAPI description of the SS\_SmManagement API | Samsung R&D Institute India | Revised to 4412 | Ericsson: Bad indentation of service operations and data types, not following OpenAPI schema. minItems cannot go with non-array data types. SpatialMapTempResp and EventFilter defined and not used.Nokia/Huawei: bad indentation in the description. Huawei: Extra blank lines.Nokia: Align with 4114 comments. Pose attribute is a conflict with that CR. Conflict with 4113.Remove A.8 change. |
|  |  | [4412](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254412.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the OpenAPI description of the SS\_SmManagement API | Samsung R&D Institute India |  |  |
|  |  | [4182](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254182.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the Open API description of SS\_SmDiscovery API | Samsung R&D Institute India | Revised to 4420 | Remove first change.Redundant space line in the OpenAPI.Add the number in A.X. |
|  |  | [4420](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254420.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the Open API description of SS\_SmDiscovery API | Samsung R&D Institute India |  |  |
|  |  | [4183](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254183.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the OpenAPI description of the SS\_SmDataSourceDiscovery API | Samsung R&D Institute India | Revised to 4421 | Remove first change.Nokia/Ericsson: Swager error. Extra spaces. Indentation problems for description. A.X -> assign number. Ericsson: Path contains white spaces. |
|  |  | [4421](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254421.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the OpenAPI description of the SS\_SmDataSourceDiscovery API | Samsung R&D Institute India |  |  |
|  |  | [4184](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254184.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the Open API description of SS\_SAnUsage API | Samsung R&D Institute India | Revised to 4422 | Remove first change.Nokia/Ericsson: swagger error. Remove STRUCTURED DATA TYPES. Description indentation. A.X->A. number. Ericsson: Tabulations should be replace with spaces according to the convention. |
|  |  | [4422](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254422.zip) | pCR 29.437 Rel-19 Pseudo-CR on defining the Open API description of SS\_SAnUsage API | Samsung R&D Institute India |  |  |
|  |  | [4185](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254185.zip) | Work Plan Rel-19 Work plan for CT3 aspects of Metaverse\_APP  | Samsung R&D Institute India | Noted |  |
| 19.43 | CT Aspects of Vehicle Mounted Relays Phase 2 [VMR\_Ph2] |  | **N/A IN CT3** |  |  |  |
| 19.44 | Alignment of eCall over IMS with CEN [eCallCEN] |  | **N/A IN CT3** |  |  |  |
| 19.45 | CT aspects of Multi-Access (ATSSS\_Ph4) [MASSS] | [4092](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254092.zip) | CR 1418 29.512 Rel-19 Update of ATSSS capabilities determination | Huawei | Agreed |  |
| 19.46 | CT Aspects on Subscription control for reference time distribution in EPS [TEI19\_TIME\_SUB\_EPS] |  | **N/A IN CT3** |  |  |  |
| 19.47 | CT aspects of 5G NR Femto [5G\_Femto] |  |  |  |  |  |
| 19.48 | CT aspects of Extended Reality and Media service (XRM) Phase 2 [XRM\_Ph2] | [4099](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254099.zip) | Work Plan Rel-19 Work Plan for XRM\_Ph2 | Nokia | Noted | Ericsson: S2-2504417 does not have any impact in TS 29.508.  |
|  |  | [4100](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254100.zip) | CR 0367 29.508 Rel-19 Available bit rate handling | Nokia | Postponed | This CR introduces a backward compatible feature to the following APIs:TS29508\_Nsmf\_EventExposure.yamlZTE: Align attribute names with ZTE CRs, remove rate in the feature description, add note applicability. EnQoSMon->QoSMonitoring. Procedures impacts missing.Ericsson: CR is not needed. This interface is not impacted according to SA2. EN in SA2 to see if NEF is impacted. |
|  |  | [4101](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254101.zip) | CR 0194 29.561 Rel-19 IANA registration for MRI packet transforms | Nokia | Postponed | Revision of C3-253087 |
|  |  | [4102](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254102.zip) | discussion Rel-19 MRI packet transforms naming | Nokia | Postponed |  |
|  |  | [4103](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254103.zip) | CR 0199 29.561 Rel-19 Nonce counter handling in MRI packet transform | Nokia, Lenovo? | Revised to 4461 | Ericsson: Remove Lenovo? and change format for the date. |
|  |  | 4461 | CR 0199 29.561 Rel-19 Nonce counter handling in MRI packet transform | Nokia | Pre-Agreed |  |
|  |  | [4104](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254104.zip) | CR 0200 29.561 Rel-19 Reference update | Nokia |  | Ericsson: Clashes with 4348 completely.  |
|  |  | [4105](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254105.zip) | CR 0799 29.514 Rel-19 Multimodal identity update | Nokia | Postponed | This CR introduces a backward compatible feature to the following APIs:TS29514\_Npcf\_PolicyAuthorization.yamlTS29122\_AsSessionWithQoS.yamlHuawei: error handling mechanism doesn’t need to be defined. Only improvement of the note is acceptable.Ericsson: The solution depends on SLA, no error handling. No need for an example. CR is not needed. |
|  |  | [4194](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254194.zip) | CR 0975 29.122 Rel-19 Correction of available bitrate monitoring subscription | ZTE | Revised to 4462 | Nokia: Remove “is set to” in the first change. |
|  |  | 4462 | CR 0975 29.122 Rel-19 Correction of available bitrate monitoring subscription | ZTE | Pre-Agreed |  |
|  |  | [4195](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254195.zip) | CR 1728 29.522 Rel-19 Correction of available bitrate monitoring subscription | ZTE | Revised to 4463 | Huawei: rephrase the first change.Nokia: Revert editorial change on “within”.  |
|  |  | 4463 | CR 1728 29.522 Rel-19 Correction of available bitrate monitoring subscription | ZTE |  |  |
|  |  | [4196](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254196.zip) | CR 1419 29.512 Rel-19 Correction of available bitrate monitoring subscription | ZTE | Revised to 4464 | Ericsson: NOTE 2 in 2nd change can be removed. Check offline.Nokia: Replace “or” with and/or in 1st change, NOTE 3.Discuss offline. |
|  |  | 4464 | CR 1419 29.512 Rel-19 Correction of available bitrate monitoring subscription | ZTE |  |  |
|  |  | [4197](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254197.zip) | CR 0800 29.514 Rel-19 Correction of available bitrate monitoring subscription | ZTE | Revised to 4465 | Nokia: same discussion on and/or as 4196. Revert the order of the first added text. |
|  |  | 4465 | CR 0800 29.514 Rel-19 Correction of available bitrate monitoring subscription | ZTE |  |  |
|  |  | [4198](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254198.zip) | CR 0976 29.122 Rel-19 Completion of available bitrate monitoring report | ZTE | Postponed | This CR introduces backward compatible correction to the following API:TS29122\_AsSessionWithQoS.yamlEricsson/Huawei: EN in SA2.SA2 says only support UPF event report. Offline check.Nokia: supports the CR. |
|  |  | [4199](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254199.zip) | CR 1729 29.522 Rel-19 Completion of available bitrate monitoring report | ZTE | Postponed | Ericsson/Huawei: EN in SA2. SA2 says only support UPF event report. Offline check.Nokia: supports the CR. |
|  |  | [4200](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254200.zip) | CR 1420 29.512 Rel-19 Completion of available bitrate monitoring report | ZTE | Postponed | This CR introduces backward compatible correction to the following API:TS29512\_Npcf\_SMPolicyControl.yamlEricsson/Huawei: EN in SA2. SA2 says only support UPF event report. Offline check.Nokia: supports the CR. |
|  |  | [4201](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254201.zip) | CR 0801 29.514 Rel-19 Completion of available bitrate monitoring report | ZTE | Postponed | This CR introduces backward compatible correction to the following API:TS29514\_Npcf\_PolicyAuthorization.yamlCorrect tdoc numberEricsson/Huawei: EN in SA2. SA2 says only support UPF event report. Offline check.Nokia: supports the CR. |
|  |  | [4259](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254259.zip) | CR 1425 29.512 Rel-19 Correction to the maximum number of reference to QosMonitoringData | Ericsson | Revised to 4470 | Huawei: Rephrase note 10 to remove the limitation.ZTE: keep only the limitation to 1 when the feature is not supported. |
|  |  | 4470 | CR 1425 29.512 Rel-19 Correction to the maximum number of reference to QosMonitoringData | Ericsson | Pre-Agreed |  |
|  |  | [4348](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254348.zip) | CR 0202 29.561 Rel-19 IANA registration for MRI packet transforms | Ericsson | Postponed | Lenovo: The change of references is acceptable. The rest depend on the discussion in 4349. |
|  |  | [4349](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254349.zip) | discussion Rel-19 Discussion on the transform name for QUIC-aware proxying using HTTP | Ericsson | Postponed | Lenovo: Doesn’t like including security information in the transform label. Need to check. Nokia: There are 4 protocol solutions. |
| 19.49 | CT aspects for application enablement for satellite access Phase 3 [5GSAT\_Ph3\_App] | [4082](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254082.zip) | CR 0453 29.549 Rel-19 Remove the NOTE for SS\_ASCAIInfoRetrieval API | CATT | Revised to 4404 | Proposed changes affects is missing.Huawei: Remove the empty line that appears after the removal of NOTE 7.Nokia: void the NOTE instead of removing it. |
|  |  | 4404 | CR 0453 29.549 Rel-19 Remove the NOTE for SS\_ASCAIInfoRetrieval API | CATT | Pre-Agreed |  |
|  |  | [4213](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254213.zip) | CR 0461 29.549 Rel-19 Incorrect cardinality of valUeAddrInfo attribute | ZTE | Agreed |  |
|  |  | [4340](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254340.zip) | Work Plan Rel-19 Workplan on CT3 aspects of 5GSAT\_Ph3\_App | Samsung | Noted |  |
| 19.50 | CT aspects of Application enablement for XRM Services Phase 2 [XRM\_Ph2\_App] | [4038](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254038.zip) | CR 0058 29.548 Rel-19 Complete the definition of the multi-modal flow type within the Synchronization policy | Huawei | Revised to 4445 | This CR introduces a backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29548\_SDD\_PolicyConfiguration.yamlEricsson/Nokia: We don’t need a structure to introduce the custom value. We can simply remove the EN. |
|  |  | 4445 | CR 0058 29.548 Rel-19 Complete the definition of the multi-modal flow type within the Synchronization policy | Huawei | Pre-Agreed |  |
|  |  | [4039](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254039.zip) | CR 0059 29.548 Rel-19 Updates to the definition of the UE-to-UE policy of the Multi-modal SEALDD policy | Huawei | Postponed | This CR introduces a backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29548\_SDD\_PolicyConfiguration.yamlEricsson: Matching direction is missing. Open to the data structure. Can accept it this time.Nokia: Common treatment for entering and leaving. |
|  |  | [4062](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254062.zip) | CR 0060 29.548 Rel-19 Complete the definition of the multi-modal flow type within the Synchronization policy | Huawei | Withdrawn |  |
|  |  | [4063](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254063.zip) | CR 0061 29.548 Rel-19 Updates to the definition of the UE-to-UE policy of the Multi-modal SEALDD policy | Huawei | Withdrawn |  |
|  |  | [4109](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254109.zip) | CR 0062 29.548 Rel-19 Multimodal sync policy threshold handling | Nokia | Revised to 4446 | This CR introduces a backward compatible feature to the following APIs:TS29548\_SDD\_PolicyConfiguration.yamlCorrect WI code.Ericsson: we don’t need the changes.Huawei/Ericsson: Agree on the removal of the note. |
|  |  | 4446 | CR 0062 29.548 Rel-19 Multimodal sync policy threshold handling | Nokia |  |  |
| 19.51 | Rel-19 Enhancements of UE Policy [UEP19] |  |  |  |  |  |
| 19.52 | Common API Framework (CAPIF) Phase 3 [CAPIF\_Ph3] | [4149](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254149.zip) | CR 0432 29.222 Rel-19 Complete the definition of the API definition clauses of the CAPIF\_Open\_Discover\_Service\_API | Huawei | Revised to 4479 | Huawei: Clashes 4287 & 4308.Ericsson: move the text of the old editor’s note to the procedures and remove the text in bracket, add a new impact for the supported features.Samsung/Nokia: wrong place for the old editor’s note. Samsung: change the order of “on this release of the specification”.Huawei: prefers to add the new text in the Security clause. Don’t agree with the change for the supported feature.Discuss the impacts related to cardinality in OpenAefProfile.Nokia will remove the clash.Samsung will completely merge into this CR. |
|  |  | 4479 | CR 0432 29.222 Rel-19 Complete the definition of the API definition clauses of the CAPIF\_Open\_Discover\_Service\_API | Huawei, Samsung, Nokia |  |  |
|  |  | [4150](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254150.zip) | CR 0433 29.222 Rel-19 Complete the definition of the OpenAPI description of the CAPIF\_Open\_Discover\_Service\_API | Huawei | Agreed | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29222\_CAPIF\_Open\_Discover\_Service\_API.yaml |
|  |  | [4151](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254151.zip) | CR 0974 29.122 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4481 | Nokia/Ericsson: propose to remove e.g.Ericsson: Revert the text related to T8. For the template the apiSpecificSuffixes should not refer to TS 29.122.Nokia: CAPIF\_Ph3 needs to be removed. Boundaries->limitsCheck offline the text related to T8 APIs.Move the revision to AI 19.12 |
|  |  | [4152](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254152.zip) | CR 0073 29.257 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4482 | ErIcsson: CAPIF Core Function needs to be removed as the unique authorization server.Huawei/Nokia: disagree.The text between brackets will be removed. |
|  |  | 4482 | CR 0073 29.257 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4153](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254153.zip) | CR 0142 29.486 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4483 | Correct TS version. |
|  |  | 4483 | CR 0142 29.486 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4154](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254154.zip) | CR 1718 29.522 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4484 |  |
|  |  | 4484 | CR 1718 29.522 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4155](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254155.zip) | CR 0071 29.538 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4485 |  |
|  |  | 4485 | CR 0071 29.538 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4156](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254156.zip) | CR 0460 29.549 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4486 |  |
|  |  | 4486 | CR 0460 29.549 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4157](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254157.zip) | CR 0286 29.558 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4487 |  |
|  |  | 4487 | CR 0286 29.558 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4158](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254158.zip) | CR 0011 29.583 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei | Revised to 4488 |  |
|  |  | 4488 | CR 0011 29.583 Rel-19 Updates to support CAPIF-based resource and operation level access control | Huawei |  |  |
|  |  | [4219](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254219.zip) | CR 0436 29.222 Rel-19 Correction of examples for finer granularity scopes | Ericsson | Revised to 4489 | Huawei: Clash with 4288. Proposes to remove the clash in 4288. |
|  |  | 4489 | CR 0436 29.222 Rel-19 Correction of examples for finer granularity scopes | Ericsson, Nokia | Pre-Agreed |  |
|  |  | [4220](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254220.zip) | CR 0424 29.222 Rel-19 CCF obtaining RO authorization information | Ericsson |  | Revision of C3-253227This CR provides backward compatible feature for the following APIs:* TS29222\_CAPIF\_Security\_API.yaml
* TS29222\_AEF\_Security\_API.yaml
 |
|  |  | [4284](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254284.zip) | CR 0437 29.222 Rel-19 Correction of missing failReason attribute in OpenAPI definition | Nokia | Agreed | This CR introduces backward compatible correction to the following API: TS29222\_CAPIF\_API\_Invoker\_Management\_API.yaml |
|  |  | [4285](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254285.zip) | CR 0438 29.222 Rel-19 Removal of EN and Correction of OpenAPI Definition | Nokia |  | This CR introduces backward compatible correction to the following API: TS29222\_CAPIF\_Security\_API.yaml |
|  |  | [4286](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254286.zip) | CR 0439 29.222 Rel-19 Corrections to discoveryCount attribute and related definitions | Nokia |  | This CR introduces backward compatible correction to the following API: TS29222\_CAPIF\_Events\_API.yaml |
|  |  | [4287](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254287.zip) | CR 0440 29.222 Rel-19 Correction to Open API Discovery Service | Nokia | Revised to 4480 | This CR introduces backward compatible correction to the following API: TS29222\_CAPIF\_Open\_Discover\_Service\_API.yamlEricsson: agrees only on the 1st change.The clash will be removed. |
|  |  | 4480 | CR 0440 29.222 Rel-19 Correction to Open API Discovery Service | Nokia |  |  |
|  |  | [4288](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254288.zip) | CR 0441 29.222 Rel-19 Correct and extend OAuth Scope format examples | Nokia | Postponed | Ericsson: Example 4 can be removed.Huawei: CR not needed. |
|  |  | [4304](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254304.zip) | CR 0443 29.222 Rel-19 Update clause 5.1 with CAPIF\_Open\_Discover\_Service\_API details | Samsung |  | This CR proposes backward compatible correction to CAPIF\_Open\_Discover\_Service\_API OpenAPI specification file.Use template for Other Comments |
|  |  | [4305](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254305.zip) | CR 0444 29.222 Rel-19 Addition of Group information in CAPIF\_Security\_API | Samsung |  | This CR introduces backward compatible changes to the following OpenAPI.- TS29222\_CAPIF\_Security\_API.Use template for Other Comments |
|  |  | [4308](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254308.zip) | CR 0445 29.222 Rel-19 Removal of EN in CAPIF\_Open\_Discover\_Service\_API | Samsung | Merged with 4149 into 4479 |  |
|  |  | [4309](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254309.zip) | CR 0446 29.222 Rel-19 Update to CAPIF\_Security\_API | Samsung |  |  |
| 19.53 | CT aspects for enabling MSGin5G Service phase 3 [5GMARCH\_Ph3] |  |  |  |  |  |
| 19.54 | CT aspects of security for mobility over non-3GPP access to avoid full primary authentication [Non3GPPMob\_Sec] |  | **N/A IN CT3** |  |  |  |
| 19.55 | NAS layer overhead reduction for data transfer using CP CIoT [NORDAT\_CP] |  | **N/A IN CT3** |  |  |  |
| 19.56 | CT Aspects on Deferred 5GC-MT-LR Procedure for Periodic Location Events based NRPPa Periodic Measurement Reports [TEI19\_DLPMR] |  | **N/A IN CT3** |  |  |  |
| 19.57 | Reducing Information Exposure over SBI [RedInfExp\_SBI] |  | **N/A IN CT3** |  |  |  |
| 19.58 | Network Controlled Network Slice Selection [TEI19\_SliceSel] | [4169](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254169.zip) | CR 0047 29.534 Rel-19 Updates to the support of AF requested Network Slice Replacement for the Partially Allowed S-NSSAIs | Huawei, ZTE | Revised to 4405 | Depends on TS 23.501#6456This CR introduces a backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29534\_Npcf\_AMPolicyAuthorization.yamlNokia, Huawei, Ericsson: Wait for SA2 conclusion to see if revision is needed or not, but no other comments. Just an MS Word comment needs to be removed. |
|  |  | 4405 | CR 0047 29.534 Rel-19 Updates to the support of AF requested Network Slice Replacement for the Partially Allowed S-NSSAIs | Huawei, ZTE |  |  |
| 19.59 | PRU Usage Extension supported by Core Network [TEI19\_PRUE] |  | **N/A IN CT3** |  |  |  |
| 19.60 | Energy Efficiency and Energy Saving [EnergySys] | [4035](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254035.zip) | CR 0362 29.508 Rel-19 Indication of subscribed event termination | CEWiT | Revised to 4423 | This CR introduces backward compatible feature to the following APIs:TS29508\_Nsmf\_EventExposure.yamlTS29520\_Nnwdaf\_AnalyticsInfo.yamlTS29520\_Nnwdaf\_DataManagement.yamlTS29520\_Nnwdaf\_RoamingData.yamlTS29574\_Ndccf\_ContextManagement.yamlTS29574\_Ndccf\_DataManagement.yamlTS29575\_Nadrf\_DataManagement.yamlTS29576\_Nmfaf\_3caDataManagement.yamlTS29576\_Nmfaf\_ContextManagement.yamlHuawei: Have a new data structure, do not add a new feature since the functionality is only for Energy, forbid the use of false in the Boolean.Ericsson: change the name of the feature and the attribute. Nokia: Use POST as in TS 29.514, 4.2.5.3.ZTE/Huawei/Ericsson: prefers to add an attribute.ZTE: Support a separate feature. Should be generic, not only to Energy. |
|  |  | [4423](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254423.zip) | CR 0362 29.508 Rel-19 Indication of subscribed event termination | CEWiT |  |  |
|  |  | [4044](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254044.zip) | pCR 29.566 Rel-19 Pseudo-CR on various additional updates and corrections | Huawei | Revised to 4424 | Nokia: remove “application” in clause 4. |
|  |  | [4424](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254424.zip) | pCR 29.566 Rel-19 Pseudo-CR on various additional updates and corrections | Huawei | Pre-Agreed |  |
|  |  | [4045](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254045.zip) | pCR 29.566 Rel-19 Pseudo-CR on updates and corrections to the API definition clauses | Huawei | Revised to 4425 | Ericsson: 6.1.6.2.5 Change NOTE 3 “at least”-> “only one”Nokia: Correct resource in the figure. Remove “total” in 6.1.6.3.3. |
|  |  | [4425](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254425.zip) | pCR 29.566 Rel-19 Pseudo-CR on updates and corrections to the API definition clauses | Huawei, Ericsson | Pre-Agreed |  |
|  |  | [4046](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254046.zip) | pCR 29.566 Rel-19 Pseudo-CR on defining the OpenAPI description | Huawei | Revised to 4426 | Ericsson: EnergyEeReport, timeStamp is required. Add the condition for not required for EnergyEeSubsc.Nokia: Remove “total” |
|  |  | [4426](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254426.zip) | pCR 29.566 Rel-19 Pseudo-CR on defining the OpenAPI description | Huawei, Ericsson | Pre-Agreed |  |
|  |  | [4047](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254047.zip) | CR 0971 29.122 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei | Revised to 4427 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:* TS29522\_MonitoringEvent.yaml
* TS29522\_ResourceManagementOfBdt.yaml

Huawei: Dependency with an ongoing discussion in LS. The related change will be removed if no agreement.Ericsson: Last change clashed with 4202.ZTE: Remove default in the BdtPatch. Ok to merge 4202 into this CR. |
|  |  | [4427](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254427.zip) | CR 0971 29.122 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei, ZTE |  |  |
|  |  | [4048](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254048.zip) | CR 1708 29.522 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei | Revised to 4428 | Ericsson: 4203 clashes with the last change. This CR can be the basis. Sequence needs to be corrected.ZTE: add same change for bullets d & e, but only with “or”. Check offline if the change in b) is needed. |
|  |  | [4428](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254428.zip) | CR 1708 29.522 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei |  |  |
|  |  | [4049](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254049.zip) | CR 0354 29.507 Rel-19 Updates and corrections to Energy Consumption information management | Huawei |  | Ericsson: not ok to remove “value”. Ok to reword.Check offline.  |
|  |  | [4050](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254050.zip) | CR 0363 29.508 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei |  | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29508\_Nsmf\_EventExposure.yamlWrong API name in Other Comments.Nokia: 1st change, 26c applies to EPC as well, 26d, use shall not instead. Energy Consumption Information. -> Energy Consumption information collection.Ericsson: Clashes with 4350. SA2 is discussing a CR for TS 23.501. Need to wait. 5.6.2.2 Revert the change.Samsung: remove bullets in first change.Offline discussions.ZTE: 4207 collides with these CRs and can be merged with any of both documents. |
|  |  | [4051](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254051.zip) | CR 0622 29.519 Rel-19 Updates and corrections to Energy Consumption information management | Huawei | Agreed | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29519\_Policy\_Data.yaml |
|  |  | [4052](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254052.zip) | CR 0106 29.554 Rel-19 Updates and corrections to Energy Consumption information management | Huawei | Revised to 4430 | This CR introduces backwards compatible corrections to the OpenAPI descriptions of the following APIs:TS29554\_Npcf\_BDTPolicyControl.yamlCorrect TS version. |
|  |  | [4430](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254430.zip) | CR 0106 29.554 Rel-19 Updates and corrections to Energy Consumption information management | Huawei | Pre-Agreed |  |
|  |  | [4068](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254068.zip) | pCR 29.566 Rel-19 Pseudo-CR on various additional updates and corrections | Huawei | Withdrawn |  |
|  |  | [4069](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254069.zip) | pCR 29.566 Rel-19 Pseudo-CR on updates and corrections to the API definition clauses | Huawei | Withdrawn |  |
|  |  | [4070](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254070.zip) | pCR 29.566 Rel-19 Pseudo-CR on defining the OpenAPI description | Huawei | Withdrawn |  |
|  |  | [4071](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254071.zip) | CR 0972 29.122 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei | Withdrawn |  |
|  |  | [4072](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254072.zip) | CR 1709 29.522 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei | Withdrawn |  |
|  |  | [4073](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254073.zip) | CR 0355 29.507 Rel-19 Updates and corrections to Energy Consumption information management | Huawei | Withdrawn |  |
|  |  | [4074](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254074.zip) | CR 0366 29.508 Rel-19 Updates and corrections to Energy Consumption information exposure | Huawei | Withdrawn |  |
|  |  | [4075](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254075.zip) | CR 0623 29.519 Rel-19 Updates and corrections to Energy Consumption information management | Huawei | Withdrawn |  |
|  |  | [4076](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254076.zip) | CR 0107 29.554 Rel-19 Updates and corrections to Energy Consumption information management | Huawei | Withdrawn |  |
|  |  | [4080](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254080.zip) | Work Plan Rel-19 Work Plan for Energy\_Sys | Samsung | Noted | Ericsson: CT3 implemented CRs are missing. Include that for November version. |
|  |  | [4202](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254202.zip) | CR 0977 29.122 Rel-19 Modification of BDT energy indicator | ZTE | Merged with 4047 into 4427 | This CR introduces backward compatible correction to the following API:TS29122\_ResourceManagementOfBdt.yaml |
|  |  | [4203](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254203.zip) | CR 1730 29.522 Rel-19 Modification of BDT energy indicator | ZTE | Revised to 4429 | Huawei: Remove last impact. Editorials in the note. |
|  |  | [4429](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254429.zip) | CR 1730 29.522 Rel-19 Modification of BDT energy indicator | ZTE, Huawei | Pre-Agreed |  |
|  |  | [4204](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254204.zip) | CR 0108 29.554 Rel-19 Modification of BDT energy indicator | ZTE | Revised to 4431 | This CR introduces backward compatible correction to the following API:TS29554\_Npcf\_BDTPolicyControl.yamlHuawei: Do not introduce a new clause.ZTE: Will remove the change for the procedure completely. First two changes will be removed. A new sentence will be added for the data type change.Ericsson: Change the existing attribute in the same way, |
|  |  | [4431](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254431.zip) | CR 0108 29.554 Rel-19 Modification of BDT energy indicator | ZTE, Huawei |  |  |
|  |  | [4205](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254205.zip) | CR 0624 29.519 Rel-19 Modification of BDT energy indicator | ZTE | Revised to 4432 | This CR introduces backward compatible correction to the following API:TS29519\_Policy\_Data.yamlSame comments as for 4204. |
|  |  | [4432](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254432.zip) | CR 0624 29.519 Rel-19 Modification of BDT energy indicator | ZTE |  |  |
|  |  | [4206](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254206.zip) | CR 0614 29.513 Rel-19 Modification of BDT energy indicator | ZTE | Revised to 4433 | Huawei: Remove the procedure.ZTE: Will remove 15 and keep 14 in the first change.Ericsson: Align references in 5.5.4.**CT3 agrees not to add specific clauses for modification of particular data for BDT.**Nokia: Add PDTQ warning modification. |
|  |  | [4433](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254433.zip) | CR 0614 29.513 Rel-19 Modification of BDT energy indicator | ZTE |  |  |
|  |  | [4207](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254207.zip) | CR 0368 29.508 Rel-19 Removal of dataVolInfos attribute | ZTE |  | To be merged for 4050 or 4350. |
|  |  | [4350](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254350.zip) | CR 0378 29.508 Rel-19 Corrections to Energy Consumption Information | Ericsson |  | Depends on TS 23.501 CR#6450This CR introduces backwards compatible corrections to the OpenAPI file of the following APIs: TS29508\_Nsmf\_EventExposure.yamlHuawei: Changes in 4.2.3.2, dnn & s-nssai need to be removed. |
| 19.61 | Support for PWS in Satellite E-UTRAN and Satellite NG-RAN [PWS\_NTN] |  | **N/A IN CT3** |  |  |  |
| 19.62 | CT aspects for application enablement aspects for MMTel [MMTel\_App] |  |  |  |  |  |
| 19.63 | CT aspects of Rel-19 Application Data Analytics Enablement Service [TEI19\_ADAES] | [4216](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254216.zip) | CR 0462 29.549 Rel-19 Completion of A-ADRF Data Storage Service | Ericsson |  | This CR provides backward compatible correction for the following APIs:TS29549\_SS\_AADRF\_DataManagement.yamlHuawei: Prefer to use RESTful approach, DELETE on resource, including for the "store" operation. "SDDTransmission" to "SS\_AADRF".Ericsson: The CR is aligned to previous A-ADRF design. We need deletion of multiple resources in one request, which justifies custom operation and is aligned with SA6.Nokia: "delNotifUri" exists twice, precedence to be clarified. |
| 19.64 | Rel-19 Enhancements of SM Policy [SMPC19] | [4215](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254215.zip) | CR 1421 29.512 Rel-19 Incorrect attribute name and inaccurate data type description | ZTE | Revised to 4401 | Ericsson: Cover page needs to mention something about the 5th change (5.6.3.29).Huawei: In 5.6.1 move the new text for DownlinkDataNotificationControlRm before the bullets. Add the missing "29" in the reference of 29.571 in 5.6.1.Nokia: Move to SBIProtoc19?Ericsson: Prefers SMPC19 because all of these changes were introduced. |
|  |  | 4401 | CR 1421 29.512 Rel-19 Incorrect attribute name and inaccurate data type description | ZTE |  |  |
| 19.65 | CT Aspects for IP Domain usage [IPD] |  |  |  |  |  |
| 19.66 | CT aspects of UEId Service API support for MSISDN Verification operation [TEI19\_MVOSNS] |  |  |  |  |  |
| 19.67 | IMS Disaster Prevention and Restoration Enhancement [IMS\_RES-CT] | [4087](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254087.zip) | CR 1703 29.214 Rel-19 Support of AF trigger the PCEF failure checking | Huawei | Postponed | Ericsson: wait the conclusion from stage 2. Prefer new value.Nokia: 2nd change is no needed. Reuse “ACCESS\_NETWORK\_INFO\_REPORT”Huawei: wait for stage2. |
|  |  | [4088](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254088.zip) | CR 0798 29.514 Rel-19 Support of AF to trigger the PCEF failure checking | Huawei | Postponed | This CR introduces backward compatible new feature to the following APIs:TS29514\_Npcf\_PolicyAuthorization.yamlSame comments as 4087. |
|  |  | [4089](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254089.zip) | CR 0753 29.213 Rel-19 Update the procedure of AF trigger the PCEF failure checking | Huawei | Postponed | Same comments as 4087. |
|  |  | [4090](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254090.zip) | CR 0613 29.513 Rel-19 Support of AF to tigger PCEF failure checking | Huawei | Postponed | Same comments as 4087. |
| 19.68 | CT aspects on Advanced Media Delivery [AMD\_PRO-MED-CT] |  | **N/A IN CT3** |  |  |  |
| 19.69 | CT aspects for ATSSS Rule Provisioning via 3GPP access connected to EPC [TEI19\_ARP3E-CT] |  | **N/A IN CT3** |  |  |  |
| 19.70 | CT aspects of Architecture support of Ambient power-enabled Internet of Things [AmbientIoT-CT] | [4036](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254036.zip) | CR 0001 29.569 Rel-19 Support of Device Location in AIoTF | CEWiT | Merged with 4351 into 4389 | This CR introduces backward compatible feature to the following APIs:TS29569\_Naiotf\_AIoT.yamlTS29522\_AIoT.yamlEricsson: Clashes with 4301 & 4351. Value false should be prohibited. Proposal to use 4351 as a basis.Huawei: Clashes with Huawei’s CRs 4138, 4139, 4140 too. Value false prohibited. Define the format instead of string. DevicesRepInfo should be used to convey this info.Nokia:  |
|  |  | [4037](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254037.zip) | CR 1707 29.522 Rel-19 Support of Device Location in NEF | CEWiT | Merged with 4352 into 4390 | This CR introduces backward compatible feature to the following APIs:TS29569\_Naiotf\_AIoT.yamlTS29522\_AIoT.yamlEricsson: Clashes with 4142, 4143, 4300, 4352. Proposes to use 4352 as a basis. |
|  |  | [4126](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254126.zip) | CR 0002 29.569 Rel-19 Introduce write cause report | China Mobile |  | This CR introduces backward compatible feature to the following APIs:TS29569\_Naiotf\_AIoT.yamlTS29522\_AIoT.yamlThe CR Category is not consistent. 3GU states B, while the coverpage states F.The Work Item is not consistent. 3GU states AmbientIoT-CT, while the coverpage states TEI19.Huawei: Same solution should be included as in 4192. Dependency with CT1.Nokia: No stage 2 requirement to send to the NEF/AF. Will accept an LS to SA2. China Mobile/Huawei/Ericsson: This is stage 3.Ericsson: The rejection should go as an application error.Preference for the enumeration solution. |
|  |  | [4137](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254137.zip) | Work Plan Rel-19 AmbientIoT-CT WI CT3 Work Plan | Huawei | Noted |  |
|  |  | [4138](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254138.zip) | CR 0003 29.569 Rel-19 Updates to the Naiotf\_AIoT\_Inventory service operation to support AIoT Devices location exposure | Huawei | Merged with 4351 into 4389 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29569\_Naiotf\_AIoT.yamlCorrect TS version.Maria: All the content is in Ericsson CR 4351. |
|  |  | [4139](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254139.zip) | CR 0004 29.569 Rel-19 Updates to the Naiotf\_AIoT\_Command service operation to support AIoT Devices location exposure | Huawei | Merged with 4351 into 4389 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29569\_Naiotf\_AIoT.yamlCorrect TS version. |
|  |  | [4140](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254140.zip) | CR 0005 29.569 Rel-19 Updates to the Naiotf\_AIoT\_Notify service operation to support AIoT Devices location exposure | Huawei | Merged with 4351into 4389 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:* TS29569\_Naiotf\_AIoT.yaml
* TS29522\_AIoT.yaml

Correct TS version.Ericsson: Accepts the format. Ericsson CR already includes how to derive the info.Nokia: 1st change, indicate the condition is set to true. How the location info is derived is missing. Civic address and geographical area can come together. Discuss offline. |
|  |  | [4141](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254141.zip) | CR 0006 29.569 Rel-19 Various additional updates and corrections to the Naiotf\_AIoT API | Huawei | Revised to 4391 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:* TS29569\_Naiotf\_AIoT.yaml
* TS29522\_AIoT.yaml

Correct TS version.Nokia: Remove the second example in the first two changes. Remove change in 6.5.7.3.Ericsson: Either provide specific errors or remove the text into brackets. Refer to stage 2 in the procedures.Remove the last change and keep only the first example in the procedures. |
|  |  | [4391](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254391.zip) | CR 0006 29.569 Rel-19 Various additional updates and corrections to the Naiotf\_AIoT API | Huawei |  |  |
|  |  | [4142](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254142.zip) | CR 1714 29.522 Rel-19 Updates to the Nnef\_AIoT\_Inventory service operation to support AIoT Devices location exposure | Huawei | Merged with 4352 into 4390 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29522\_AIoT.yaml |
|  |  | [4143](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254143.zip) | CR 1715 29.522 Rel-19 Updates to the Nnef\_AIoT\_Command service operation to support AIoT Devices location exposure | Huawei | Merged with 4352 into 4390 | This CR introduces backwards compatible new feature to the OpenAPI descriptions of the following APIs:TS29522\_AIoT.yaml |
|  |  | [4144](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254144.zip) | CR 1716 29.522 Rel-19 Updates to the Nnef\_AIoT\_Notify service operation to support AIoT Devices location exposure | Huawei | Not Pursued |  |
|  |  | [4145](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254145.zip) | CR 1717 29.522 Rel-19 Various additional updates and corrections to the Nnef\_AIoT API | Huawei | Revised to 4392 | This CR introduces backwards compatible new feature and corrections to the OpenAPI descriptions of the following APIs:TS29522\_AIoT.yamlZTE: The change in 5.45.5.2.6 will be removed in ZTE CR. The table name in the next change should be updated.Same comments as in 4141. |
|  |  | [4392](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254392.zip) | CR 1717 29.522 Rel-19 Various additional updates and corrections to the Nnef\_AIoT API | Huawei, ZTE |  |  |
|  |  | [4186](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254186.zip) | CR 1722 29.522 Rel-19 Correction of AF authorization for the AIoT Services | ZTE | Revised to 4393 | Huawei: Editorial proposal. |
|  |  | [4393](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254393.zip) | CR 1722 29.522 Rel-19 Correction of AF authorization for the AIoT Services | ZTE, Huawei | Pre-Agreed |  |
|  |  | [4187](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254187.zip) | CR 1723 29.522 Rel-19 Procedure description of AIOTF selection | ZTE | Revised to 4394 | Huawei/Ericsson: Remove the added paragraph and extend the next bullet instead. |
|  |  | [4394](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254394.zip) | CR 1723 29.522 Rel-19 Procedure description of AIOTF selection | ZTE, Ericsson |  |  |
|  |  | [4188](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254188.zip) | CR 1724 29.522 Rel-19 More Application errors for AIoT API | ZTE | Postponed | Huawei: The errors don’t need to be specified towards the AF. |
|  |  | [4189](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254189.zip) | CR 1725 29.522 Rel-19 Alignment of lastRepInd attribute definition | ZTE | Revised to 4476 | This CR introduces backward compatible feature to the following API:TS29522\_AIoT.yamlHuawei: remove the clash, remove the impact in the OpenAPI in the coversheet. |
|  |  | 4476 | CR 1725 29.522 Rel-19 Incomplete specific data type table | ZTE; Huawei | Pre-Agreed |  |
|  |  | [4190](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254190.zip) | CR 1726 29.522 Rel-19 Missing 500 Internal Server Error response code | ZTE | Agreed |  |
|  |  | [4191](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254191.zip) | CR 0007 29.569 Rel-19 Missing 500 Internal Server Error response code | ZTE | Agreed |  |
|  |  | [4192](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254192.zip) | CR 0008 29.569 Rel-19 Support of failure report in AIOT notify | ZTE | Revised to 4478 | This CR introduces backward compatible feature to the following API:TS29569\_Naiotf\_AIoT.yamlAlign category with Other CommentsZTE/Ericsson: This CR is independent from the CR from China Mobile. No device info needed and no dependency with CT1. |
|  |  | 4478 | CR 0008 29.569 Rel-19 Support of failure report in AIOT notify | ZTE |  |  |
|  |  | [4193](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254193.zip) | CR 1727 29.522 Rel-19 Support of failure report in AIOT notify | ZTE | Revised to 4477 | This CR introduces backward compatible feature to the following API:TS29522\_AIoT.yamlAlign category with Other CommentsCheck offline how to handle two level of sending error information. |
|  |  | 4477 | CR 1727 29.522 Rel-19 Support of failure report in AIOT notify | ZTE |  |  |
|  |  | [4300](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254300.zip) | CR 1735 29.522 Rel-19 Support for AF requested device location | Lenovo | Merged with 4352 into 4390 | This CR introduces backward compatible feature to the following APIs:TS29569\_AIoT\_Data.yaml |
|  |  | [4301](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254301.zip) | CR 0009 29.569 Rel-19 Support for AF requested device location | Lenovo | Merged with 4351 into 4389 | This CR introduces backward compatible feature to the following APIs:TS29569\_AIoT\_Data.yamlEricsson: Missing part for the report. |
|  |  | [4351](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254351.zip) | CR 0010 29.569 Rel-19 Support Device Location in Ambient IoT | Ericsson | Revised to 4389 | This CR introduces backwards compatible feature to the OpenAPI file of the following APIs: TS29569\_Naiotf\_AIoT.yamlTS29522\_AIoT.yamlHuawei: does not agree how the location info is determined.Nokia is fine with adding this info.Share a revision and discuss offline. |
|  |  | [4389](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254389.zip) | CR 0010 29.569 Rel-19 Support Device Location in Ambient IoT | Ericsson, CEWiT, Huawei, Lenovo |  |  |
|  |  | [4352](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254352.zip) | CR 1742 29.522 Rel-19 Support Device Location in AIoT API | Ericsson | Revised to 4390 | This CR introduces backwards compatible feature to the OpenAPI file of the following APIs: TS29569\_Naiotf\_AIoT.yamlTS29522\_AIoT.yaml |
|  |  | [4390](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254390.zip) | CR 1742 29.522 Rel-19 Support Device Location in AIoT API | Ericsson, CEWiT, Huawei, Lenovo |  |  |
| 19.71 | Harmonization of test case definitions for cross-RAT usability [TestHarmon\_CrossRAT] |  | **N/A IN CT3** |  |  |  |
| 19.72 | CT aspects of MINT support in EPS for 5G-only national roaming UE [MINT\_Ph2] |  | **N/A IN CT3** |  |  |  |
| 19.73 | Protocol for AI Data Collection from UPF [PAIDC\_UPF] | [4276](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254276.zip) | CR 0372 29.508 Rel-19 Skip notifications support | Nokia | Agreed |  |
|  |  | [4277](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254277.zip) | CR 0373 29.508 Rel-19 RAT Type information exposure support | Nokia | Revised to 4402 | Correct WI code.Huawei: "Provide RAT Type information for UPF event reporting" in the feature description.Nokia: WI Code will be fixed. |
|  |  | 4402 | CR 0373 29.508 Rel-19 RAT Type information exposure support | Nokia |  |  |
| 19.74 | CT aspects of Lower Selection-priority for PLMN Selection [LoSePLMN-CT] |  | **N/A IN CT3** |  |  |  |
| 19.75 | Any other Rel-19 Work item or Study item*Please use agenda item 19.75 for those (P-)CRs related to Work Items that are not approved yet and thus do not have an assigned agenda item.* |  |  |  |  |  |
| **20** | **Release 20** |  |  |  |  | \*All the SIDs will be discussed (no matter if they surpass number 5).\*The scope of the SIDs can include stage 2 dependencies (not under CT WG remit), although the work will not start until next year.\*No decision will be made in this meeting about what SIDs are selected.\*The submission of the SID is not a guarantee of getting the rapporteurship at this point. \*At the end of the meeting, the agreeable SIDs will be marked as “Noted with WG endorsement of the proposal”. The rapporteurs will be kept with question mark. |
| 20.1 | Rel-20 work planning*Please use agenda item 20.1 for Discussion Papers or Working Plans not related to an existing Work Item or submitted WID.* | [4077](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254077.zip) | discussion Rel-20 Discussion on 6G studies guidelines for CT working groups | Huawei, HiSilicon /Christian |  | Nokia: Do not stick only to these proposals.Concerns on when to start the work related to stage 2. Ericsson: Concerns on starting work based on stage 1, cross-WG SIDs should be justfified, don’t stick to the guidalines. Not clear what experience means. 3 and 4, what has to do with stage 1 is not agreeable.Verizon: similar concerns, on starting work based on stage 1. Not clear what partial solutions mean. 3, 4, and 6 cannot be agreed at this moment.Qualcomm: Concerns on cross-WG SIDs. AI work cannot start yet.Samsung: Stage 1 should be used for WGs with stage 2. 3, 4 and 6 only for normative stage 2 work.China Mobile: supportive to cross-WG SIDs depending on the topic. Support study on NBI for protocol wrappers.ZTE: agree with China Mobile.China Telecom: Cross-WG SIDs could be acceptable for clear stage 2 requirements. Well-scoped SIDs are needed.AT&T: No rush for agreements. Focus on stage 2. Exceptions in the NBI for protocol wrappers.NTT DoCoMo: Data Plane and AI don’t have stage 2.Huawei: Work can start in parallel with stage 2. Cross-WG can be needed for some areas. We cannot wait for total solutions to start the work. |
|  |  | [4081](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254081.zip) | discussion Rel-20 CT studies on 6G | Nokia |  | Verizon: Too early for AI study.Lenovo: Bullet 1 is pure stage 2.Huawei: Agree on the two proposed topics.Nokia: 1 is only focused on NB exposure.Samsung: Agree on the two proposed topics.Ericsson: Everything should be based on stage 2. Ok to start the work for thing not dependent on stage 2. |
|  |  | [4084](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254084.zip) | discussion Rel-20 Discussion on protocol enhancement for AI in 6G | China Mobile | Withdrawn | Not Available. |
|  |  | [4085](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254085.zip) | discussion Rel-20 Discussion on protocol enhancement for AI in 6G | China Mobile | Withdrawn | Not Available. |
|  |  | [4086](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254086.zip) | discussion Rel-20 Discussion on protocol enhancement for AI in 6G | China Mobile |  | Ericsson: we need to wait for the conclusion of stage 2 work. Early to identify protocol impacts and split among WGs. Ok for CT3 to be the leading group. Ok to start with a preparation phase for the current status.Huawei: supportive to the study. Ok with the split of work and the lead in CT3. We should not delay the work waiting for stage 2 conclusion. We can work on AI agent aspects in several SIDs.Verizon: Too premature. Wait for stage 2 conclusions. The leading WG would depend on stage 2 conclusions. SA NWM activity ongoing where CT can participate.Nokia: The only thing that can start is what we have today and wait for stage 2 conclusions for the rest.China Telecom: Agree with the proposal. We can work in parallel with stage 2 for stable aspects. CT3 should be the leading WG.ZTE: Leading WG should be CT3. Protocol aspects can be started in parallel with stage 2.AT&T: We can start with the status. Collaboration needed between stage 2 & 3.Qualcomm: Cross-WG SID is not appropriate. |
|  |  | [4338](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254338.zip) | discussion Rel-20 Discussion paper on Unified Event Exposure in Core Network | Samsung |  |  |
|  |  | [4339](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254339.zip) | discussion Rel-20 Discussion paper on 6G SID on Capability Exposure Framework | Samsung |  | Ericsson: In order to proceed with the observations we need stage 2 aspects.Verizon: wait for stage 2 work.Qualcomm: wait for stage 2 work. Missing what we can do in 3GPP.Huawei: In line with the direction of the DP.China Mobile: Supportive with the direction of the DP.China Telecom: ok with study capability exposure.Huawei: Use Huawei SID as a basis.Ericsson: Use Ericsson SID as a basis.Nokia: Try to find a common list of objectives.Samsung: There are commonalities in all proposals, ok to document common things.Verizon: find the common denominator.China Telecom: don’t talk about SIDs.Qualcomm: cannot agree on something in this meeting. |
|  |  | [4034](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254034.zip) | discussion Rel-20 China Telecom Views on 6G SID | China Telecom Corporation Ltd. |  | Lenovo: Cooperation with stage 2 in parallel.Verizon: agree on waiting for stage 2 to be ready.Ericsson: cooperate with stage 2. Collaborative effort should also apply to CT3.Huawei: support to work on AI. We cannot wait for stage 2 to finish. We should not go ahead stage 2.Samsung: Agree on highly dependency with stage 2. Unclear what 3gpp can do for exposure framework for computing, etc. Generic guidance.AT&T: We cannot stop the new types of AFs and the need to study what to expose.China Telecom: Agrees that collaborative work is also needed for CT3. |
| 20.2 | New WIDs/SIDs for Rel-20 | [4032](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254032.zip) | discussion Rel-20 China Telecom view on 6G SID | China Telecommunications Corp. | Withdrawn |  |
|  |  | [4053](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254053.zip) | SID new Rel-20 Study on Northbound Interfaces Evolution in 6G | Ericsson |  | Ericsson: got support from Verizon and Deutche Telecom. |
|  |  | [4054](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254054.zip) | discussion Rel-20 Ericsson proposals to 6G SID on Northbound Interfaces Evolution in 6G | Ericsson |  | Verizon: Consider the documentation modernization study. Propose to study the existing limitations from UC perspective. Good starting point.Huawei: Northbound terminology is confusing. Do not assume 6G is an evolution of 5G. Do not refer to enhancement of documentation when referring to new technologies. Consider existing UCs in the industry. Need to study the existing exposure to AFs.Nokia: Stage 2 dependencies are not that clear. 6G should be set as a superset of 5G. Missing aspects according to Nokia DP.Samsung: new protocols to be coordinated with CT4. 2a & 2b requires stage 2. Unclear what 3 and 4 mean.Qualcomm: good starting point. Don’t start with things that are still unclear.China Mobile: Study not only to enhancements, but drawbacks and benefits. |
|  |  | [4055](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254055.zip) | discussion Rel-20 Discussion paper on Protocol for AI and AI Agent in 6G System | Huawei, HiSilicon |  | Ericsson: Too early to start the work. Too premature for the protocol requirements. Too early to split among WGs. We can monitor SA2. SA6 needs to be considered too.Nokia: Scope sometimes broad sometimes specific. Too early to have this expected work. Unclear how the work is split among WGs. Do we really need a unique SID for all WGs?Verizon: too premature to start any work related with AI.China Mobile: Support the topic. 5G study came late, avoid this mistake again. We don’t need to wait for stage 2 to study protocol aspects.Qualcomm: not with architecture/interface aspects.Samsung: Not clear understanding of what AI agent means. |
|  |  | [4056](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254056.zip) | SID new Rel-20 New SID\_6G Protocol for AI and AI agent | Huawei, HiSilicon |  |  |
|  |  | [4172](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254172.zip) | discussion Rel-20 Discussion paper on the Study on the 3GPP Network Capability Exposure Stage 3 Aspects of the 6G System | Huawei |  | China Mobile: supports this work, we should feed stage 2.Ericsson: unclear what a capability exposure framework means. Unclear how to consider the synergies with other groups as CAMARA. More clear scope needed from stage 2. Unclear how to handle AI.Verizon: Unclear what harmonization means. AI is still not supported in stage 2. Unclear from where the exposure requirements come. Too many SA1 comments.Nokia: misalignment between goals and the proposals, not clear why cross-WG is needed, not clear what work can be started.Qualcomm: wait for the direction in stage 2 to initiate the work. No need for cross-WG SID. Keep aspects separate in each WG.Samsung: Unclear how to map areas with requirements. Some areas require clarifications (e.g. agentic Ais, UCs, etc.). high level proposal, requires more clarity. |
|  |  | [4173](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254173.zip) | SID new Rel-20 New SID on Study on the 3GPP Network Capability Exposure Stage 3 Aspects of the 6G System | Huawei |  |  |
|  |  | [4341](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254341.zip) | discussion Rel-20 Discussion on SID for Interworking between 6G Network and Data Networks | Ericsson |  | Nokia: 6G can make different assumptions about stage 2 responsibility.Huawei: we don’t know how AA & interworking will evolve. All the work tasks depend on stage 2. This needs to be discussed in SA first. Don’t agree to start the SID yet, further analysis is needed. If we start protocol enhancements, applicable to all Study Items.China Mobile: We can start protocol enhancements study in parallel with stage 2.Verizon: supportive to send the LS to SA2.China Telecom: same guidelines for all SIDs. |
|  |  | [4342](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254342.zip) | SID new Rel-20 New SID on Interworking between 6G Network and Data Networks | Ericsson |  |  |
| 20.3 | Revised WIDs/SIDs for Rel-20 |  |  |  |  |  |
| **21** | **Specification in CT3 domain** |  |  |  |  |  |
| 21.1 | Specification status |  |  |  |  |  |
| 21.2 | 3GPP TS/TR for information |  |  |  |  |  |
| 21.3 | 3GPP TS/TR for approval |  |  |  |  |  |
| **22** | **CT3 Work Organization** |  |  |  |  |  |
| 22.1 | Election of CT3 officials |  |  |  |  |  |
| 22.2 | Principles for work organization within CT3 |  |  |  |  |  |
| 22.3 | Terms of Reference |  |  |  |  |  |
| 22.4 | Support Arrangements |  |  |  |  |  |
| 22.5 | Working methods | [4017](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254017.zip) | other Revised PRD C3.01 - 1.1 | MCC |  |  |
| 22.6 | Future Meeting Schedule | [4015](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254015.zip) | other Meeting Calendar | MCC |  |  |
| 22.7 | Future Releases and time planning |  |  |  |  |  |
| **23** | **Review of 3GPP Work Plan** |  |  |  |  |  |
|  |  | [4014](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254014.zip) | Work Plan Status of CT3 Work Items | CT3 Chair |  |  |
| **24** | **Any other business** |  |  |  |  |  |
|  |  | [4016](https://www.3gpp.org/ftp/tsg_ct/WG3_interworking_ex-CN3/TSGC3_143_SophiaAntipolis/Docs/C3-254016.zip) | other Guidelines on writing a CR | MCC |  |  |
| **25** | **Closing of the meeting** |  |  |  |  | **Meeting closes at 15:30 (estimated time) on Friday, 17th October 2025** |

PLEASE NOTE THAT THE TIME SCHEDULE GIVES A ROUGH ESTIMATION AND MAY CHANGE DEPENDING ON THE AMOUNT OF CONTRIBUTIONS, ON THE FINAL APPROVAL OF THE AGENDA AND ON THE COORDINATION WITH OTHER WGs’ SCHEDULES.