**Third Generation Partnership Project (3GPP™)**

**Meeting Report  
for  
TSG CT WG3  
meeting: 114e**

**e-meeting, e-meeting, 2021-02-24 to 2021-03-05**

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## 1 Opening of the meeting

## 2 Agenda/Schedule

**C3-211016 Way of Working for CT3#114e Electronic Meeting**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **revised to C3-211387**.

**C3-211387 Way of Working for CT3#114e Electronic Meeting**

*Type: other For: Information  
 Source: CT3 chairman*

(Replaces C3-211016)

**Decision:** The document was **noted**.

### 2.1 Approval of the agenda

**C3-211000 Draft Agenda for the CT3#114 e-Meeting**

*Type: agenda For: Information  
 Source: CT3 chairman*

**Decision:** The document was **revised to C3-211034**.

**C3-211034 Draft Agenda for the CT3#114 e-Meeting**

*Type: agenda For: Information  
 Source: CT3 chairman*

(Replaces C3-211000)

**Decision:** The document was **noted**.

### 2.2 Proposed Schedule

**C3-211001 INFO Proposed Schedule for CT3#114e**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

## 3 Registration of documents

**C3-211002 Allocation of documents to agenda items (at Deadline)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211003 Allocation of documents to agenda items (Start of Day 1)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211004 Allocation of documents to agenda items (Start of Day 2)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211005 Allocation of documents to agenda items (Start of Day 3)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211006 Allocation of documents to agenda items (Start of Day 4)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211007 Allocation of documents to agenda items (Start of Day 5)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211008 Allocation of documents to agenda items (Start of Day 6)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211009 Allocation of documents to agenda items (Start of Day 7)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211010 Allocation of documents to agenda items (Start of Day 8)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211011 Allocation of documents to agenda items (End of Day 8)**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

**C3-211635 Allocation of documents to agenda items after email approval**

*Type: other For: Information  
 Source: CT3 chair*

**Decision:** The document was **noted**.

## 4 Reports

### 4.1 Report from previous CT3 meeting

**C3-211013 Minutes of CT3#113e**

*Type: report For: Approval  
 Source: MCC*

**Decision:** The document was **approved**.

### 4.2 Report from previous CT plenary

### 4.3 Reports from other groups

## 5 Items for immediate consideration

### 5.1 IPR disclosures

The attention of the delegates to the meeting of this Technical Specification Group was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The delegates were asked to take note that they were thereby invited:

to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.

to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Information Statement and the Licensing declaration forms.

### 5.2 Antitrust declarations

The attention of the delegates to the meeting was drawn to the fact that 3GPP activities were subject to all applicable antitrust and competition laws and that compliance with said laws was therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen and were invited to seek any clarification needed with their legal counsel. The leadership would conduct the present meeting with impartiality and in the interests of 3GPP. Delegates were reminded that timely submission of work items in advance of TSG/WG meetings was important to allow for full and fair consideration of such matters.

### 5.3 Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in 3GPP Activities

### 5.4 Other items for immediate consideration

Delegates were reminded of the fair network use rules established by the PCG:

1. Users shall not use the network to engage in illegal activities. This includes activities such as copyright violation, hacking, espionage or any other activity that may be prohibited by local laws.

2. Users shall not engage in non-work related activities that are consume excessive bandwidth or cause significant degradation of the performance of the network.

## 6 Received Liaison Statements

**C3-211024 Reply LS on APIs in EDGEAPP**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to SA6, cc CT3  
 Source: CT1*

**Discussion:**

Action proposed by Chair:

CT3 and CT1 had a joint session (see C3-211026) on collaboration for EDGEAPP and agreed on a way forward. Potential further collaboration should be evaluated as the work in the WG evolves. No action in CT3 at this stage. Note the LS.

**Decision:** The document was **noted**.

**C3-211027 LS on the Security consideration to support L2TP with CUPS**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to SA3, cc SA2, CT3  
 Source: CT4*

**Discussion:**

Action proposed by Chair:

Discuss the LS in the meeting for possible impacts in CT3.

CT3 foresees impacts but will wait till the stage 2 is finished.

**Decision:** The document was **noted**.

**C3-211028 LS on UDR Restoration**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to CT3, cc -  
 Source: CT4*

**Discussion:**

Action proposed by Chair:

Get approval of the WG for the proposed way forward and if accepted encourage delegates to participate in the Study Item.

CT3 agrees with the way forward. CT4 Chair can share the documents that can impact CT3.

**Decision:** The document was **noted**.

**C3-211029 LS on Feedback on Key Issue #1 "Enhancements to Support SNPN along with credentials owned by an entity separate from the SNPN"**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to SA2, cc CT1, CT3, CT4  
 Source: SA3*

**Discussion:**

Action proposed by Chair:

Monitor final decisions on whether an intermediate function is needed and whether there is any CT3 impact due to that. No immediate action is needed. The LS can be noted.

**Decision:** The document was **noted**.

**C3-211030 Reply-LS on Support of L2TP on SGi/N6 with Control and User Plane Separation**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to CT4, cc SA2, CT3  
 Source: SA3*

**Discussion:**

Action proposed by Chair:

Discuss the LS in the meeting for possible impacts in CT3.

**Decision:** The document was **noted**.

**C3-211077 LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to SA2, CT3, cc -  
 Source: SA4*

**Discussion:**

Action proposed by Chair:

Discuss the LS in the meeting to check the possible reply and if there is a need of possible corrections or clarifications in CT3 specifications.

**Decision:** The document was **postponed**.

**C3-211606 LS on migration from ETSI forge to 3GPP forge**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to SA, SA5, CT3, SA4, SA6, cc CT  
 Source: CT4*

**Discussion:**

In Q3 2020 the GitLab project "3GPP/5G\_APIs' (hosted in ETSI Forge collaboration platform) was moved to a similar platform hosted in 3GPP (under 3gpp.org domain).

So, starting from plenary #89, 3GPP Forge was used as endorsed by plenary. This needs to be reflected in TR 21.900.

The reference in clause 5B to 'https://forge.etsi.org/rep/3GPP/5G\_APIs' has to be replaced by 'https://forge.3gpp.org/rep/all/5G\_APIs'.

CT3 is asked to take not of the proposed change.

Action proposed by Chair:

Take note and note the LS.

**Decision:** The document was **noted**.

**C3-211611 Reply LS on Secondary AUTH for 5GS interworking with EPS**

*Type: LS in For: Discussion  
 Original outgoing LS: -, to CT3, cc SA3  
 Source: SA2*

**Discussion:**

CT3 Q1: Whether EAP based secondary authorization/ authentication is also applicable for EPS, when the UE supports EAP.

SA2 reply: EAP based secondary authorization/ authentication has only been defined for 5GS and is thus not applicable to EPS in existing releases. SA2 expects that in case EAP based secondary authorization/ authentication is to be introduced in EPS it would require a new work item in SA2.

CT3 Q2: When the DN-AAA server initiates EAP based re-authorization but UE has moved from 5GS to EPS, whether such re-authorization will be supported.

SA2 reply: If the re-authorization is associated with EAP based re-authentication procedure, then the re-authorization will not be supported since EAP-based re-authentication cannot be performed when the UE is in EPS in existing releases. However, if based on local policy the DN-AAA server initiates DN-AAA re-authorization without performing re-authentication, then a DN-AAA re-authorization (without EAP-based re-authentication) can be supported even when UE is in EPS: this may be used. to provide new parameters from the DN-AAA server to SMF+PGW-C.

CT3 Q3: If only PAP/CHAP based secondary authorization/authentication is applicable in EPS, how to handle the case when the DN-AAA server initiates EAP based re-authorization but UE has moved from 5GS to EPS.

SA2 reply: SA2 assumes that CT3 refers to the re-authorization associated with EAP-based re-authentication procedure scenario. SA2 expects that in such case the SMF+PGW-C, that receives the re-authentication request from the DN-AAA, can inform the DN-AAA server that the UE is not available for EAP-based re-authentication at the moment. The SMF+PGW-C should not initiate PDN connection release: the DN-AAA can decide based on the reply from SMF+PGW-C and based on local policy what actions to take in that case, but this is out of 3GPP scope.

SA2 has agreed the attached CR to clarify the questions above.

Action proposed by Chair:

Discuss the LS and related CRs

**Decision:** The document was **noted**.

### 8.1 Release 8 IMS/CS Work Items

### 8.2 Release 8 Packet Core Work Items

### 9.1 Release 9 IMS/CS Work Items

### 9.2 Release 9 Packet Core Work Items

### 10.1 Release 10 IMS/CS Work Items

### 10.2 Release 10 Packet Core Work Items

### 11.1 Release 11 IMS/CS Work Items

### 11.2 Release 11 Packet Core Work Items

### 12.1 Release 12 IMS/CS Work Items

**C3-211017 Reference update: RFC 8841**

*Type: CR For: Agreement  
 29.165 v12.21.0 CR-1018 Cat: F (Rel-12)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211018 Reference update: RFC 8841**

*Type: CR For: Agreement  
 29.165 v13.15.0 CR-1019 Cat: A (Rel-13)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211019 Reference update: RFC 8841**

*Type: CR For: Agreement  
 29.165 v14.14.0 CR-1020 Cat: A (Rel-14)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211020 Reference update: RFC 8841**

*Type: CR For: Agreement  
 29.165 v15.11.0 CR-1021 Cat: A (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211021 Reference update: RFC 8841**

*Type: CR For: Agreement  
 29.165 v16.4.0 CR-1022 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211022 Reference update: RFC 8841**

*Type: CR For: Agreement  
 29.165 v17.0.0 CR-1023 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

### 12.2 Release 12 Packet Core Work Items

### 13.1 Release 13 IMS/CS Work Items

### 13.2 Release 13 Packet Core Work Items

### 14.1 Release 14 IMS/CS Work Items

### 14.2 Release 14 Packet Core Work Items

### 15.1 Study on Policy and Charging for Volume Based Charging [FS\_PC\_VBC]

### 15.2 CT aspects on 5G System - Phase 1 [5GS\_Ph1-CT]

**C3-211255 Correction to PATCH method in 29.514 and 29.554**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Discussion:**

CP-183243 (CT1 leading)

Huawei: We have following comments.

1) We agree to adopt the PATCH Correction solution for the way forward. But we don’t agree to withdraw the published version.

2) We propose to define a new supported feature to perform the version control.

Comments are both for 29.514 and 29.554 CRs.

Nokia: we should follow a backward compatible approach and should secure it with a supported feature as proposed (no new data model).

Ericsson: With adding a new feature, do we mean that based on the support of the new feature, the AF would trigger or not the PATCH request? If that is the proposal, I could do it, no problem.

Why not to withdraw the existing incorrect versions? They have very limited interoperability. This does not mean they cannot be deployed, but they should not be deployed…

ZTE: I realize TS 29.512 also has the similar issue.

Table 5.3.3.3.1-3 defines the resource data model for the An individual SM Policy resource is SmPolicyControl:

Table 5.3.3.3.1-3: Data structures supported by the GET Response Body on this resource is SmPolicyControl. However Table 5.3.2.3.1-3 specifies the resource data model for the individual SM Policy resource is SMPolicyDecision.

Which one is correct? If the former one is correct, the update request (POST method) contains unknown/unspecified attribute in the JSON object.

Nokia: I think it is better to keep the published version as it is as Huawei mentions and to remove something from Rel-15 independent of the of correctness or usage. It does not jeopardize the system. The supported feature is connected to the new functionality described in the sentence 4.2.3.2: “The modifications to apply are encoded within the attributes of the "ascReqData" attribute, as described below and in subsequent subclauses.” from my point of understanding.

Huawei: Your understanding is correct. With the new supported feature, the AF can trigger or not the PATCH request. Although, They have very limited interoperability, we don’t need to withdraw them as there are some deployments already.

China Mobile: I echo the view with Xiaoyun and Horst to keep the published version.

Huawei: 29.512 doesn’t support PATCH method. And we have defined the behavior of the SMF on updating the policies provided by the PCF.

ZTE: Yes, you're right.

Ericsson: the r1 revisions of the Rel-15 for 29.554 and 29.514 are uploaded.

Ericsson to ZTE: In this case, and since the GET is not used for the service procedures, we could improve the GET response, by a new feature, that returns an optimized data model, aligned with the data model returned in the POST creation response.

We could take this approach for Rel-17 on only.

What do you think?

ZTE to Ericsson: As Huawei said, PATCH method is not used in 29.512, hence I understand it doesn't matter whether the same data type should be used in GET response and POST response, that is , GET response anyhow in any case should include the representation of resource, but POST response could include part.

Ericsson agrees.

**Decision:** The document was **noted**.

#### 15.2.1 Technical Report (TR 29.890)

#### 15.2.2 Access and Mobility Policy Control Services (TS 29.507)

#### 15.2.3 Session Management Event Exposure Service (TS 29.508)

**C3-211219 alignment of dnaiChgType attribute**

*Type: CR For: Agreement  
 29.508 v15.8.0 CR-0126 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211220 alignment of dnaiChgType attribute**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0127 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211221 alignment of dnaiChgType attribute**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0128 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

#### 15.2.4 Session Management Policy Control Services (TS 29.512)

**C3-211129 Correction of a reference to the wrong attribute name for the reported presence reporting area information**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0699 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211130 Correction of a reference to the wrong attribute name for the reported presence reporting area information**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0700 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211131 Correction of a reference to the wrong attribute name for the reported presence reporting area information**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0701 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211132 Correction of some references to the repPolicyCtrlReqTriggers attribute**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0702 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211133 Correction of some references to the repPolicyCtrlReqTriggers attribute**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0703 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211134 Correction of some references to the repPolicyCtrlReqTriggers attribute**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0704 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211142 Correction to authDefQos attribute**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0708 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211584**.

**C3-211584 Correction to authDefQos attribute**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0708 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-211142)

**Decision:** The document was **agreed**.

**C3-211143 Correction to authDefQos attribute**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0709 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211589**.

**C3-211589 Correction to authDefQos attribute**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0709 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211143)

**Decision:** The document was **agreed**.

**C3-211144 Correction to authDefQos attribute**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0710 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211590**.

**C3-211590 Correction to authDefQos attribute**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0710 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211144)

**Decision:** The document was **agreed**.

**C3-211145 Correction to authorized explicitly signalled QoS Characteristics**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0711 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211146 Correction to authorized explicitly signalled QoS Characteristics**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0712 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211147 Correction to authorized explicitly signalled QoS Characteristics**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0713 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211148 Discussion on GBR type of default QoS flow**

*Type: discussion For: Discussion  
 Source: Huawei*

**Discussion:**

Ericsson: We already decided that the QoS parameters of the default QoS flow are encoded in the AuthorizedDefaultQoS data structure.

What is erroneous in 29.512 when it comes to the SDF binding to the default QoS flow?

I cannot see it in the Discussion Paper and I do not see any mistake in 29.512.

Huawei: Thanks for your comments. I understand you don’t agree to change the decision of AuthorizedDefaultQoS data structure.

If we don’t change the decision, can you answer following questions:

1) Whether and how the PCF generates a PCC rule for the default QoS flow? How does the PCF indicate that the PCC rule is bound to the default QoS flow?

2) How does the SMF calculate the GBR and MBR of the default QoS flow if the one or more PCC rules with GBR parameter is bound to the default QoS flow?

ZTE: New added NOTE in Table 5.6.2.8-1 in your CR indicates that Only one PCC rule can refer to a QoS data decision that contain the "defQosFlowIndAndAppParams" attribute within a PDU session, in that case different charging requirements for different SDF within default QoS flow cannot be supported, right? e.g. pcc rule1 (appId1, RG1), pcc rule2 (appId2, RG2).

Ericsson:

1) Why it is different than with non-GBR flows?

2) Why it cannot be as with other QoS flows?

Huawei:

1) For the non-GBR QoS flows, the SMF will select a QoS flow whose 5QI, ARP and 5QI priority level are the same as the values within the default QoS. as a default QoS flow. But for the GBR QoS flow, as the GBR and MBR are also include in the authorized default QoS and PCC rule, do we need to match them? If the SMF can’t find a QoS flow whose GBR equals to the authorized default QoS GBR, what will happen? Or we will mandate that only one GBR type PCC rule can be authorized in this case.

2) In 4.2.6.6.2, it was described: For GBR QoS flows the SMF should set the QoS flow's GBR to the sum of the GBRs of all PCC rules that are active/installed and bound to that GBR QoS flow. For GBR QoS flow the SMF should set the QoS flow's MBR to the sum of the MBRs of all PCC rules that are active/installed and bound to that GBR QoS flow. But for the GBR type default QoS flow, GBR and MBR of QoS flow have been set by the authorized default QoS

CT3 prefers to keep the current data model and add the required limitations.

Ericsson:

1) No, we don’t need to match GBR/MBR but the binding parameters.

2) But so far there is no requirement to handle more than one PCC rule in a GBR SDF, right?

**Decision:** The document was **noted**.

**C3-211149 Correction to the GBR type of default QoS flow**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0714 Cat: F (Rel-15)  
  
 Source: Huawei*

**Discussion:**

This CR introduces a backwards compatible correction to the OpenAPI file.

ZTE: The description of "qnc" attribute is removed from 4.2.6.3.3, why?

Huawei: Because QoS notification control is triggered by the AF request and only can be report via the PCC rule. We don’t define the procedure for session rule.

ZTE: In that case, qnc attribute should be removed from AuthorizedDefaultQos data type for consistence.

And one more comment, "one and only one PCC rule…"

ZTE: I took more time to think about this CR, and found the following issue:

The QoS notification control procedure is indeed not applicable to Session rule since refPccRuleIds is defined as mandatory attribute in QosMonitoringReport data type, therefore it seems the removal of QNC in authorized default QoS is correct.

QosData data type referenced by PCC rule can contain QNC attribute, and AuthorizedDefaultQos data type referenced by Session rule can contain QNC attribute as well. For the PCC rule which is bound to the GBR default QoS flow, QNC attribute within AuthorizedDefaultQos data type should apply, see 4.2.6.2.10:

If the "defQosFlowIndication" attribute set to true within the QosData data structure which the PCC rule refers to is received in the SMF, the SMF shall bind the related PCC rule to the default QoS flow. …The SMF shall ignore other values including 5QI, ARP, QNC (if available), Priority Level (if available), Averaging Window (if available) and Maximum Data Burst Volume (if available) within the QosData data structure if the "defQosFlowIndication" attribute set to true.

Thus, if QNC is removed from AuthorizedDefaultQos data type, no QNC will be applied to the PCC rule bound to the GBR default QoS flow. I think 4.2.6.2.10 should be updated accordingly to remove QNC, so that QNC in QosData applies when the PCC rule is bound to the GBR default QoS flow. What do you think?

Huawei: As I said, the notification of QNC is triggered by the AF, in the case of default QoS flow, there’s no requirement for the PCF to request the notification to the SMF.

Ericsson: I’m ok with removing the qnc, and adding it later, if there is any requirement. So, as ZTE mentions, table 5.6.2.34 needs to be updated.

Typo in In 4.2.6.2.1.

The rest of the document is fine.

Huawei: Why do you change the PDU session and default QoS flow? The PCF authorizes the PCC rule for a PDU session and the SMF binds the PCC rule to a QoS flow.

Ericsson: I did not see in SA2 text that only one PCC rule can be authorized for the PDU session when the default QoS flow is GBR.

The proposed text would need some rewording, like:

To ensure that one and only one of the authorized PCC rules is bound to the default QoS flow the PCF shall indicate that one and only one PCC rule is bound to the default QoS flow as defined in subclause 4.2.6.2.10. The SMF shall not bind any other PCC rule to the default QoS flow with a GBR or delay critical GBR 5QI.

Huawei makes r2 available.

ZTE: However 29.512 doesn't indicate that the QoS notification control is only triggered by the AF, the case that PCF determines QNC without AF request is not excluded, see:

4.2.6.6.2, If the PCF determines that the application traffic can be adapted to the change in the QoS based on the configuration (e.g. if the AF is capable to trigger rate adaptation), the PCF may request a notification when authorized GBR or delay critical GBR cannot be guaranteed or can be guaranteed again by including the "qnc" attribute set to true.

Huawei: But without the notification to the AF, there is no usage for the PCF request the notification?

ZTE: If you are sure that "without the notification to the AF, there is no usage for the PCF request the notification", please change "e.g." to "i.e." in 4.2.6.6.2.

Huawei: I think current description is correct because that the AF is capable to trigger rate adaptation is one of the scenarios where the application traffic can be adapted to the change in the QoS.

ZTE: Could you please tell me other scenarios that PCF can determins that the application traffic can be adapted to the change in the QoS?

Huawei: Do you think is it possible that PCF can determine QNC base on local configuration? Mind you 4.2.6.6.2 implies so.

- If YES, the PCF can provision a PCC rule that includes "qnc" and "defQosFlowIndication", however "qnc" cannot apply because of "defQosFlowIndication" according to r1, either keep "qnc" in the QosData as I suggested or clarify that "qnc" cannot apply in this case is fine for me.

- If NO, please update 4.2.6.6.2 to clarify it, "e.g." -> "i.e.".

Huawei: Is it ok to remove (e.g. if the AF is capable to trigger rate adaptation)?

ZTE: Even you do this removal, 4.2.6.6.2 still implies PCF can determine QNC by configuration, right?

Nokia: I think the sentence (see yellow highlight) could be approved a little bit:

The PCF may include the "priorityLevel" attribute in the AuthorizedDefaultQos data structure to authorize the particular 5QI priority level to overrides the default value for a standardized or pre-configured 5QI.

I would agree with Huawei that there is a contradiction with 4.2.6.6.2 related to qnc, because of the paragraph that means for 5QI of GBR type or delay critical GBR type and configuration the PCF can request notifications via qnc, which is removed from the AuthorizedDefaultQoS by the CR, but how can this requirement of 4.2.6.6.2 satisfied with removing qnc?

Huawei: I understand there is a limitation that PCC bound to the default QoS flow doesn’t include the qnc. Do you agree that? Or what are your proposal?

Nokia: Agree. I meant there is a contradiction with 4.2.6.6.2 based on the removing as ZTE mentioned.

Huawei: You agree to change e.g. to i.e. in clause 4.2.6.6.2, right?

Nokia: finally reading through the related clauses in 29.512, I think, I we do not need to change 4.2.6.6.2 due to the per service data flow aspect. So no inclusion of 4.2.6.6.2 required into the CR. Sorry for confusion.

Ericsson: I agree that 4.2.6.6.2 is not related to the authorized QoS for the default QoS flow.

4.2.6.6.1 specifies that (and it is ok):

- “When the authorized QoS applies to the default QoS flow, it shall be provisioned as defined in subclause 4.2.6.3.1. “, which references to 4.2.6.3.3, which is the one impacted by the CR.

And

- “When the authorized QoS applies to a PCC rule, it shall be provisioned within the corresponding PCC rule as defined in subclause 4.2.6.6.2”,

Huawei makes r3 available (r2 for the mirrors) with the comments from Nokia.

ZTE: 4.2.6.6.2 also mentions that: If the PCF wants to ensure that a PCC Rule is always bound to the default QoS flow, the policy provisioning for the related authorized QoS shall be done as described in subclause 4.2.6.2.10.

And 4.2.6.2.10 further indicates: The SMF shall ignore other values including 5QI, ARP, QNC (if available), Priority Level (if available), Averaging Window (if available) and Maximum Data Burst Volume (if available) within the QosData data structure if the "defQosFlowIndication" attribute set to true.

Could you please check whether my following understanding is correct?

- PCF can provision in a PCC rule "qnc" together with "defQosFlowIndication".

- When the above PCC rule received, SMF binds it to the default QoS flow and ignores "qnc", the installation of the PCC rule is considered as successful even the "qnc" does not apply.

Huawei: Can we agree the principle that QoS notification control is not applicable to the default QoS flow?

If we agree, we shall not keep the qnc attribute when the PCC rule is bound to the default QoS flow; if we don’t agree, how to define the behavior when the PCF receives the notification? Update the AuthorizedDefaultQoS?

ZTE: I don't object the principle, I just want to check with you about the principle.

Ericsson:

I’ve been doing an internal check in this topic.

For this meeting, I’d agree with removing QNC from the authorized default QoS.

I also agree that a GBR default QoS flow opens up further questions as:

- Could a non-GBR default QoS flow be updated to a GBR default QoS flow due to AF request?

- Could the PCF subscribe to e.g. resource allocation outcome or QNC for the PCC rule bound to the GBR default QoS flow?

If it is so, would the report occur in the same way as with non-default QoS flows?

And I’d prefer to postpone this discussion, at least, for the next meeting, if you agree with it. So far, with the proposed CRs, in my view, we’re properly covering the current common understanding we have for the GBR default QoS flows.

**Decision:** The document was **revised to C3-211474**.

**C3-211474 Correction to the GBR type of default QoS flow**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0714 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-211149)

**Decision:** The document was **agreed**.

**C3-211150 Correction to the GBR type of default QoS flow**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0715 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211475**.

**C3-211475 Correction to the GBR type of default QoS flow**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0715 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211150)

**Decision:** The document was **agreed**.

**C3-211151 Correction to the GBR type of default QoS flow**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0716 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211476**.

**C3-211476 Correction to the GBR type of default QoS flow**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0716 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211151)

**Decision:** The document was **agreed**.

**C3-211203 Corrections to RuleOperation**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0725 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211591**.

**C3-211591 Corrections to RuleOperation**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0725 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE*

(Replaces C3-211203)

**Decision:** The document was **agreed**.

**C3-211204 Corrections to RuleOperation**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0726 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211592**.

**C3-211592 Corrections to RuleOperation**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0726 rev 1 Cat: A (Rel-16)  
  
 Source: ZTE*

(Replaces C3-211204)

**Decision:** The document was **agreed**.

**C3-211205 Corrections to RuleOperation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0727 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211593**.

**C3-211593 Corrections to RuleOperation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0727 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211205)

**Decision:** The document was **agreed**.

**C3-211206 repPolicyCtrlReqTriggers attribute correction**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0728 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211594**.

**C3-211594 repPolicyCtrlReqTriggers attribute correction**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0728 rev 1 Cat: F (Rel-15)  
  
 Source: ZTE, Huawei*

(Replaces C3-211206)

**Decision:** The document was **agreed**.

**C3-211207 repPolicyCtrlReqTriggers attribute correction**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0729 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211595**.

**C3-211595 repPolicyCtrlReqTriggers attribute correction**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0729 rev 1 Cat: A (Rel-16)  
  
 Source: ZTE, Huawei*

(Replaces C3-211207)

**Decision:** The document was **agreed**.

**C3-211208 repPolicyCtrlReqTriggers attribute correction**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0730 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211596**.

**C3-211596 repPolicyCtrlReqTriggers attribute correction**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0730 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211208)

**Decision:** The document was **agreed**.

**C3-211209 Correction to session rule**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0731 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211210 Correction to session rule**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0732 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211211 Correction to session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0733 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211304 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0739 Cat: F (Rel-15)  
  
 Source: Ericsson, China Mobile*

**Decision:** The document was **revised to C3-211632**.

**C3-211632 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0739 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson, China Mobile*

(Replaces C3-211304)

**Decision:** The document was **agreed**.

**C3-211305 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0740 Cat: A (Rel-16)  
  
 Source: Ericsson, China Mobile*

**Decision:** The document was **revised to C3-211633**.

**C3-211633 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0740 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson, China Mobile*

(Replaces C3-211305)

**Decision:** The document was **agreed**.

**C3-211306 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0741 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile*

**Decision:** The document was **revised to C3-211634**.

**C3-211634 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0741 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile*

(Replaces C3-211306)

**Decision:** The document was **revised to C3-211643**.

**C3-211643 Correction to PCF behavior when removing PCC/Session rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0741 rev 2 Cat: A (Rel-17)  
  
 Source: Ericsson, China Mobile*

(Replaces C3-211634)

**Decision:** The document was **agreed**.

#### 15.2.5 Policy Authorization Services (TS 29.514)

**C3-211300 Correction to PATCH method**

*Type: CR For: Agreement  
 29.514 v15.8.0 CR-0286 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211470**.

**C3-211470 Correction to PATCH method**

*Type: CR For: Agreement  
 29.514 v15.8.0 CR-0286 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces C3-211300)

**Decision:** The document was **agreed**.

**C3-211301 Correction to PATCH method**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0287 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211471**.

**C3-211471 Correction to PATCH method**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0287 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211301)

**Decision:** The document was **agreed**.

#### 15.2.6 Policy and Charging Control signalling flows and QoS parameter mapping (TS 29.513)

**C3-211152 Determination of the default QoS flow**

*Type: CR For: Agreement  
 29.513 v15.9.0 CR-0237 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211477**.

**C3-211477 Determination of the default QoS flow**

*Type: CR For: Agreement  
 29.513 v15.9.0 CR-0237 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-211152)

**Decision:** The document was **agreed**.

**C3-211153 Determination of the default QoS flow**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0238 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211478**.

**C3-211478 Determination of the default QoS flow**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0238 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211153)

**Decision:** The document was **agreed**.

**C3-211154 Determination of the default QoS flow**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0239 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211479**.

**C3-211479 Determination of the default QoS flow**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0239 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211154)

**Decision:** The document was **agreed**.

**C3-211155 Correction to table 7.4.1**

*Type: CR For: Agreement  
 29.513 v15.9.0 CR-0240 Cat: F (Rel-15)  
  
 Source: Huawei*

**Discussion:**

Ericsson: Resource sharing is fully specified in 29.514, 4.2.2.17 and 4.2.3.18, and in 29.512, 4.2.6.2.8.

At most, I could indicate 29.513 is not complete, but I could not claim it is incorrect. Including these changes from Rel-17 is enough.

Note that 29.213 does not cover resource sharing functionality and no mistake about wrong calculation in SMF of authorized QoS parameters has been reported so far.

Nokia: I would in addition say, to include the resource sharing aspect into Release 15 29.513 would force misunderstandings.

**Decision:** The document was **not pursued**.

**C3-211156 Correction to table 7.4.1**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0241 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-211157 Correction to table 7.4.1**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0242 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211597**.

**C3-211158 Correction to Notification URI**

*Type: CR For: Agreement  
 29.513 v15.9.0 CR-0243 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211159 Correction to Notification URI**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0244 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211598**.

**C3-211598 Correction to Notification URI**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0244 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211159)

**Decision:** The document was **agreed**.

**C3-211160 Correction to Notification URI**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0245 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211213 Correction to Network data analytics Unsubscribe procedure**

*Type: CR For: Agreement  
 29.513 v15.9.0 CR-0248 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **not pursued**.

**C3-211214 Correction to Network data analytics Unsubscribe procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0249 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **not pursued**.

**C3-211215 Correction to Network data analytics Unsubscribe procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0250 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211599**.

#### 15.2.7 Network Data Analytics Services (TS 29.520)

#### 15.2.8 Interworking between 5G Network and External Data Networks (TS 29.561)

#### 15.2.9 Usage of the Unified Data Repository service for Policy Control Data and Structured Data (TS 29.519)

**C3-211168 UsageMonData: definition of "scopes" attribute**

*Type: CR For: Agreement  
 29.519 v15.7.0 CR-0236 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211169 UsageMonData: definition of "scopes" attribute**

*Type: CR For: Agreement  
 29.519 v16.6.0 CR-0237 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211170 UsageMonData: definition of "scopes" attribute**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0238 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211189 Usage of HTTP**

*Type: CR For: Agreement  
 29.519 v15.7.0 CR-0239 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-211190 Usage of HTTP**

*Type: CR For: Agreement  
 29.519 v16.6.0 CR-0240 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-211191 Usage of HTTP**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0241 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **postponed**.

**C3-211390 PUT method for Exposure Data modification**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0242 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211225)

**Decision:** The document was **agreed**.

**C3-211388 PUT method for Exposure Data modification**

*Type: CR For: Agreement  
 29.519 v15.7.0 CR-0245 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211389 PUT method for Exposure Data modification**

*Type: CR For: Agreement  
 29.519 v16.6.0 CR-0246 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

#### 15.2.10 Packet Flow Description Management Service (TS 29.551)

**C3-211216 Datatype and figure corrections**

*Type: CR For: Agreement  
 29.551 v15.7.0 CR-0070 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211217 Datatype and figure corrections**

*Type: CR For: Agreement  
 29.551 v16.6.0 CR-0071 Cat: A (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211218 Datatype and figure corrections**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0072 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

#### 15.2.11 Network Exposure Function Northbound APIs (TS 29.522)

**C3-211212 misusage of 500 status code for BSF failure**

*Type: CR For: Agreement  
 29.522 v15.6.0 CR-0274 Cat: F (Rel-15)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211307 Correction on N5 events for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.522 v15.6.0 CR-0297 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211308 Correction on N5 events for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0298 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211309 Correction on N5 events for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0299 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

#### 15.2.12 Binding Support Management Service (TS 29.521)

#### 15.2.13 Background Data Transfer Policy Control Service (TS 29.554)

**C3-211302 Correction to PATCH method**

*Type: CR For: Agreement  
 29.554 v15.5.0 CR-0063 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211472**.

**C3-211472 Correction to PATCH method**

*Type: CR For: Agreement  
 29.554 v15.5.0 CR-0063 rev 1 Cat: F (Rel-15)  
  
 Source: Ericsson*

(Replaces C3-211302)

**Decision:** The document was **agreed**.

**C3-211303 Correction to PATCH method**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0064 Cat: A (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211473**.

**C3-211473 Correction to PATCH method**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0064 rev 1 Cat: A (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211303)

**Decision:** The document was **agreed**.

#### 15.2.14 Spending Limit Control Service (TS 29.594)

#### 15.2.15 UE Policy Control Service (TS 29.525)

#### 15.2.16 Policy Control Event Exposure Service (TS 29.523)

#### 15.2.17 5G Impacts in existing TSs

### 15.3 IMS Stage-3 IETF Protocol Alignment [IMSProtoc9]

### 15.4 CT aspects of Northbound APIs for SCEF-SCSAS Interworking [NAPS-CT]

**C3-211251 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v15.9.0 CR-0357 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211378**.

**C3-211252 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0358 Cat: A (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211379**.

**C3-211253 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0359 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211588**.

**C3-211378 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v15.9.0 CR-0357 rev 1 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-211251)

**Decision:** The document was **revised to C3-211586**.

**C3-211586 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v15.9.0 CR-0357 rev 2 Cat: F (Rel-15)  
  
 Source: Huawei*

(Replaces C3-211378)

**Decision:** The document was **agreed**.

**C3-211379 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0358 rev 1 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211252)

**Decision:** The document was **revised to C3-211587**.

**C3-211587 Corrections on ChargeableParty API and AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0358 rev 2 Cat: A (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211379)

**Decision:** The document was **agreed**.

### 15.5 CT aspects of Enhanced Calling Name Service [eCNAM-CT]

### 15.6 EPC enhancements to support 5G New Radio via Dual Connectivity, CT aspects [EDCE5-CT]

### 15.7 Enhancements to Mission Critical Video - CT aspects [eMCVideo-CT]

### 15.8 IMS impact due to 5GS IP-CAN [5GS\_Ph1-IMSo5G]

### 15.9 CT aspects on enhanced VoLTE performance [eVoLP-CT]

### 15.10 CT aspects of 3GPP PS data off function – Phase 2 [PS\_DATA\_OFF2-CT]

### 15.11 Policy and Charging for Volume Based Charging [PC\_VBC]

### 15.12 Common API Framework for 3GPP Northbound APIs

### [CAPIF-CT]

### 15.13 SRVCC for terminating call in pre-alerting phase

### [bSRVCC-MT]

### 15.14 Mobile Communication System for Railways

### [MONASTERY]

### 15.15 Enhancements to Call spoofing functionality

### [eSPECTRE]

### 15.16 CT aspects of 5G Trace management [NETSLICE-5GTRACE-CT]

### 15.17 Technical Enhancements and Improvements [TEI15]

#### 15.17.1 TEI15 for IMS/CS

#### 15.17.2 TEI15 for Packet Core

### 15.18 OpenAPI version updates

**C3-211515 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.512 v15.9.0 CR-0746 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211516 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.514 v15.8.0 CR-0290 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211517 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.554 v15.5.0 CR-0065 Cat: F (Rel-15)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211518 Update of TS version in externalDocs field**

*Type: CR For: Agreement  
 29.519 v15.7.0 CR-0247 Cat: F (Rel-15)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

### 16.1 Multi-device and multi-identity [MuD]

### 16.2 IMS Stage-3 IETF Protocol Alignment [IMSProtoc16]

### 16.3 Enhancement of 5G PCC related services [en5GPccSer]

**C3-211161 Update the scope to support race condition handling**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0246 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211162 Update the scope to support race condition handling**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0247 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **merged**.

**C3-211317 Correction to SamePcf Feature**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0253 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211569**.

**C3-211569 Correction to SamePcf Feature**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0253 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211317)

**Decision:** The document was **agreed**.

**C3-211318 Correction to SamePcf Feature**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0254 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211570**.

**C3-211570 Correction to SamePcf Feature**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0254 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211318)

**Decision:** The document was **agreed**.

**C3-211319 Correction to SamePcf feature**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0098 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211571**.

**C3-211571 Correction to SamePcf feature**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0098 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211319)

**Decision:** The document was **agreed**.

### 16.4 CT aspects on Enablers for Network Automation for 5G [eNA]

**C3-211083 Adding network slice instance load level information**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0254 Cat: F (Rel-16)  
  
 Source: China Telecom, Huawei*

**Decision:** The document was **revised to C3-211553**.

**C3-211553 Adding network slice instance load level information**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0254 rev 1 Cat: F (Rel-16)  
  
 Source: China Telecom, Huawei*

(Replaces C3-211083)

**Decision:** The document was **agreed**.

**C3-211084 Adding network slice instance load level information**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0255 Cat: A (Rel-17)  
  
 Source: China Telecom, Huawei*

**Decision:** The document was **revised to C3-211554**.

**C3-211554 Adding network slice instance load level information**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0255 rev 1 Cat: A (Rel-17)  
  
 Source: China Telecom, Huawei*

(Replaces C3-211084)

**Decision:** The document was **agreed**.

**C3-211194 Resource URI correction**

*Type: CR For: Agreement  
 29.517 v16.3.0 CR-0035 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211195 Resource URI correction**

*Type: CR For: Agreement  
 29.517 v17.0.0 CR-0036 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211196 Resource URI correction**

*Type: CR For: Agreement  
 29.591 v16.3.0 CR-0039 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211197 Resource URI correction**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0040 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211235 extend bdtpStatus to include VALID**

*Type: CR For: Agreement  
 29.519 v16.6.0 CR-0243 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211555**.

**C3-211555 extend bdtpStatus to include VALID**

*Type: CR For: Agreement  
 29.519 v16.6.0 CR-0243 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-211235)

**Decision:** The document was **agreed**.

**C3-211236 extend bdtpStatus to include VALID**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0244 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211556**.

**C3-211556 extend bdtpStatus to include VALID**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0244 rev 1 Cat: A (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211236)

**Decision:** The document was **agreed**.

**C3-211237 set bdtpStatus to VALID**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0062 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211557**.

**C3-211557 set bdtpStatus to VALID**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0062 rev 1 Cat: F (Rel-16)  
  
 Source: ZTE*

(Replaces C3-211237)

**Decision:** The document was **agreed**.

**C3-211243 Any Slice applicability**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0260 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211244 Any Slice applicability**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0261 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211245 Parial failure during event subscription**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0262 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211558**.

**C3-211558 Parial failure during event subscription**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0262 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211245)

**Decision:** The document was **agreed**.

**C3-211246 Parial failure during event subscription**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0263 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211559**.

**C3-211559 Parial failure during event subscription**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0263 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211246)

**Decision:** The document was **agreed**.

**C3-211247 Failure events for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0276 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211560**.

**C3-211560 Failure events for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0276 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211247)

**Decision:** The document was **agreed**.

**C3-211248 Failure events for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0277 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211561**.

**C3-211561 Failure events for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0277 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211248)

**Decision:** The document was **agreed**.

**C3-211249 Supported feature**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0264 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211250 Supported feature**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0265 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

### 16.5 CT aspects on eSBA [5G\_eSBA]

**C3-211035 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0683 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211036 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0684 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211062 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0650 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210352)

**Decision:** The document was **agreed**.

**C3-211063 Support of stateless NFs**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0651 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210353)

**Decision:** The document was **agreed**.

**C3-211342 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0674 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210432)

**Decision:** The document was **revised to C3-211562**.

**C3-211562 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0674 rev 3 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211342)

**Decision:** The document was **agreed**.

**C3-211343 Correction to "resourceUri" attribute description**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0675 rev 2 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210433)

**Decision:** The document was **agreed**.

**C3-211563 Void**

*Type: other For: -  
 Source: nn*

**Decision:** The document was **withdrawn**.

**C3-211344 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0278 rev 3 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210436)

**Decision:** The document was **agreed**.

**C3-211345 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.507 v16.6.0 CR-0161 Cat: F (Rel-16)  
  
 Source: Ericsson, ZTE*

**Decision:** The document was **agreed**.

**C3-211347 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0162 Cat: A (Rel-17)  
  
 Source: Ericsson, ZTE*

**Decision:** The document was **agreed**.

**C3-211348 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0149 Cat: F (Rel-16)  
  
 Source: Ericsson, ZTE*

**Decision:** The document was **revised to C3-211564**.

**C3-211564 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0149 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson, ZTE*

(Replaces C3-211348)

**Decision:** The document was **agreed**.

**C3-211349 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0150 Cat: A (Rel-17)  
  
 Source: Ericsson, ZTE*

**Decision:** The document was **revised to C3-211565**.

**C3-211565 Correction to resource identifiers descriptions used in notifications**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0150 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson, ZTE*

(Replaces C3-211349)

**Decision:** The document was **agreed**.

### 16.6 CT aspects of Access Traffic Steering, Switch and Splitting support in 5G system [ATSSS]

**C3-211135 Correction of the SteerModeValue attribute name in the Npcf\_SMPolicyControl specific Data Types table**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0705 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211136 Correction of the SteerModeValue attribute name in the Npcf\_SMPolicyControl specific Data Types table**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0706 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211316 Correction to access type conditioned session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0673 rev 2 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210331)

**Decision:** The document was **revised to C3-211572**.

**C3-211572 Correction to access type conditioned session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0673 rev 3 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211316)

**Decision:** The document was **agreed**.

### 16.7 CT aspects of 5GS enhanced support of vertical and LAN services [Vertical\_LAN]

**C3-211037 Correction to traffic correlation indication**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0685 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211573**.

**C3-211573 Correction to traffic correlation indication**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0685 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211037)

**Decision:** The document was **revised to C3-211609**.

**C3-211609 Correction to traffic correlation indication**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0685 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211573)

**Decision:** The document was **agreed**.

**C3-211038 Correction to traffic correlation indication**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0686 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211574**.

**C3-211574 Correction to traffic correlation indication**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0686 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211038)

**Decision:** The document was **revised to C3-211610**.

**C3-211610 Correction to traffic correlation indication**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0686 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211574)

**Decision:** The document was **agreed**.

### 16.8 CT aspects of Enhancing Topology of SMF and UPF in 5G Networks [ETSUN]

### 16.9 CT aspects of System enhancements for Provision of Access to Restricted Local Operator Services by Unauthenticated Ues [PARLOS]

### 16.10 CT aspects on enhancement of network slicing [eNS]

### 16.11 CT aspects of Enhancement to the 5GC LoCation Services [5G\_eLCS]

**C3-211330 Updates to Location Failure Cause**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0384 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211509**.

**C3-211509 Updates to Location Failure Cause**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0384 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211330)

**Decision:** The document was **agreed**.

**C3-211331 Updates to Location Failure Cause**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0385 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211510**.

**C3-211510 Updates to Location Failure Cause**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0385 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211331)

**Decision:** The document was **agreed**.

### 16.12 CT Aspects of Media Handling for RAN Delay Budget Reporting in MTSI [E2E\_DELAY]

### 16.13 Cellular IoT support and evolution for the 5G System [5G\_CIoT]

**C3-211039 Correction to DDD status event detection**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0120 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211566**.

**C3-211566 Correction to DDD status event detection**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0120 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211039)

**Decision:** The document was **agreed**.

**C3-211040 Correction to DDD status event detection**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0121 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211567**.

**C3-211567 Correction to DDD status event detection**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0121 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211040)

**Decision:** The document was **agreed**.

**C3-211041 Correction to DDD status event subscription**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0122 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211042 Correction to DDD status event subscription**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0123 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

### 16.14 CT aspects on wireless and wireline convergence for the 5G system architecture [5WWC]

**C3-211313 Correction to Wireline Access information**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0071 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210346)

**Decision:** The document was **agreed**.

**C3-211315 Correction to AM Policy Control for Wireline and Wireless Convergence feature**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0221 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210343)

**Decision:** The document was **agreed**.

**C3-211602 Reporting GCI to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0093 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211321)

**Decision:** The document was **agreed**.

**C3-211605 Reporting GCI to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0094 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211322)

**Decision:** The document was **agreed**.

**C3-211324 Correction to mtcProviderId in IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0301 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211622**.

**C3-211622 Correction to mtcProviderId in IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0301 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211324)

**Decision:** The document was **revised to C3-211637**.

**C3-211637 Correction to mtcProviderId in IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0301 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211622)

**Decision:** The document was **agreed**.

**C3-211325 Correction to mtcProviderId in IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0302 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211623**.

**C3-211623 Correction to mtcProviderId in IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0302 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211325)

**Decision:** The document was **revised to C3-211638**.

**C3-211638 Correction to mtcProviderId in IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0302 rev 2 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211623)

**Decision:** The document was **agreed**.

**C3-211328 Correction to mtcProviderId in ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0305 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211624**.

**C3-211624 Correction to mtcProviderId in ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0305 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211328)

**Decision:** The document was **agreed**.

**C3-211329 Correction to mtcProviderId in ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0306 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211625**.

**C3-211625 Correction to mtcProviderId in ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0306 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211329)

**Decision:** The document was **revised to C3-211639**.

**C3-211639 Correction to mtcProviderId in ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0306 rev 2 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211625)

**Decision:** The document was **agreed**.

**C3-211603 Reporting GCI to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v16.6.0 CR-0095 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211604 Reporting GCI to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v16.6.0 CR-0096 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

### 16.15 Volume Based Charging Aspects for VoLTE [VBCLTE]

### 16.16 CT aspects of optimisations on UE radio capability signalling [RACS]

### 16.17 Service Based Interface Protocol Enhancement [SBIProtoc16]

**C3-211114 Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0351 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-211115 Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0352 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211568**.

**C3-211171 The apiSpecificResourceUriPart component**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0721 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211172 The apiSpecificResourceUriPart component**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0722 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

### 16.18 CT aspects of eV2XARC [eV2XARC]

**C3-211043 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0687 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211044 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0688 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211045 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0349 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211046 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0350 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211047 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0272 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211048 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0273 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211049 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0282 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211064 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0656 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210398)

**Decision:** The document was **revised to C3-211575**.

**C3-211575 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0656 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211064)

**Decision:** The document was **agreed**.

**C3-211065 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0657 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210399)

**Decision:** The document was **revised to C3-211576**.

**C3-211576 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0657 rev 3 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211065)

**Decision:** The document was **agreed**.

**C3-211066 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0330 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210430)

**Decision:** The document was **agreed**.

**C3-211067 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0331 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210383)

**Decision:** The document was **agreed**.

**C3-211068 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0245 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210384)

**Decision:** The document was **agreed**.

**C3-211069 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0246 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210385)

**Decision:** The document was **agreed**.

**C3-211070 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0275 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210435)

**Decision:** The document was **revised to C3-211577**.

**C3-211577 Disable UE notifications at changes related to Alternative QoS Profiles**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0275 rev 4 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211070)

**Decision:** The document was **agreed**.

**C3-211326 Correction to mtcProviderId in ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0303 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211626**.

**C3-211626 Correction to mtcProviderId in ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0303 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211326)

**Decision:** The document was **agreed**.

**C3-211327 Correction to mtcProviderId in ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0304 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211627**.

**C3-211627 Correction to mtcProviderId in ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0304 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211327)

**Decision:** The document was **agreed**.

### 16.19 CT aspects of 5G URLLC [5G\_URLLC]

**C3-211050 Policy control for redundant PDU session**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0689 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211051 Policy control for redundant PDU session**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0690 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211071 Policy control for redundant PDU session**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0658 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210092)

**Decision:** The document was **merged**.

**C3-211072 Policy control for redundant PDU session**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0659 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210093)

**Decision:** The document was **merged**.

**C3-211163 Failure handling of PCC rule for QoS monitoring**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0717 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **postponed**.

**C3-211164 Failure handling of PCC rule for QoS monitoring**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0718 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **postponed**.

**C3-211165 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0719 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211166 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0720 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211233 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0227 rev 2 Cat: F (Rel-16)  
  
 Source: ZTE, Huawei*

(Replaces C3-210407)

**Decision:** The document was **revised to C3-211628**.

**C3-211628 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0227 rev 3 Cat: F (Rel-16)  
  
 Source: ZTE, Huawei*

(Replaces C3-211233)

**Decision:** The document was **agreed**.

**C3-211234 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0228 rev 2 Cat: A (Rel-17)  
  
 Source: ZTE, Huawei*

(Replaces C3-210408)

**Decision:** The document was **revised to C3-211629**.

**C3-211629 QoS monitoring procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0228 rev 3 Cat: A (Rel-17)  
  
 Source: ZTE, Huawei*

(Replaces C3-211234)

**Decision:** The document was **agreed**.

**C3-211358 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0663 rev 2 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-210115)

**Decision:** The document was **revised to C3-211578**.

**C3-211578 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0663 rev 3 Cat: F (Rel-16)  
  
 Source: Ericsson, Huawei*

(Replaces C3-211358)

**Decision:** The document was **agreed**.

**C3-211359 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0664 rev 2 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210137)

**Decision:** The document was **revised to C3-211579**.

**C3-211579 Redundant User Plane Paths**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0664 rev 3 Cat: A (Rel-17)  
  
 Source: Ericsson, Huawei*

(Replaces C3-211359)

**Decision:** The document was **agreed**.

**C3-211381 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0255 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211580**.

**C3-211580 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0255 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211381)

**Decision:** The document was **postponed**.

**C3-211382 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0256 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211581**.

**C3-211581 QoS flow binding for QoS monitoring**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0256 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211382)

**Decision:** The document was **postponed**.

### 16.20 Enhancement of 3GPP Northbound APIs [eNAPIs]

**C3-211185 Supported features within ProblemDetails**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0354 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-211186 Supported features within ProblemDetails**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0355 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211391**.

**C3-211187 Last known location report**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0332 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210389)

**Decision:** The document was **agreed**.

**C3-211188 Last known location report**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0333 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210390)

**Decision:** The document was **agreed**.

**C3-211256 Support Stateless NFs for MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0336 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210363)

**Decision:** The document was **revised to C3-211425**.

**C3-211425 Support redirection for MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0336 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211256)

**Decision:** The document was **agreed**.

**C3-211257 Support Stateless NFs for MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0337 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210364)

**Decision:** The document was **revised to C3-211426**.

**C3-211426 Support redirection for MonitoringEvent API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0337 rev 3 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211257)

**Decision:** The document was **agreed**.

**C3-211258 Support stateless NFs for NIDD API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0360 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211427**.

**C3-211427 Support redirection for NIDD API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0360 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211258)

**Decision:** The document was **agreed**.

**C3-211259 Support stateless NFs for NIDD API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0361 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211428**.

**C3-211428 Support redirection for NIDD API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0361 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211259)

**Decision:** The document was **agreed**.

**C3-211260 Support stateless NFs for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0362 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211429**.

**C3-211429 Support redirection for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0362 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211260)

**Decision:** The document was **agreed**.

**C3-211261 Support stateless NFs for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0363 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211430**.

**C3-211430 Support redirection for ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0363 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211261)

**Decision:** The document was **agreed**.

**C3-211262 Support stateless NFs for CpProvisioning API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0364 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211431**.

**C3-211431 Support redirection for CpProvisioning API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0364 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211262)

**Decision:** The document was **agreed**.

**C3-211263 Support stateless NFs for CpProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0365 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211432**.

**C3-211432 Support redirection for CpProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0365 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211263)

**Decision:** The document was **agreed**.

**C3-211264 Support stateless NFs for DeviceTriggering API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0366 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211433**.

**C3-211433 Support redirection for DeviceTriggering API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0366 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211264)

**Decision:** The document was **agreed**.

**C3-211265 Support stateless NFs for DeviceTriggering API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0367 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211434**.

**C3-211434 Support redirection for DeviceTriggering API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0367 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211265)

**Decision:** The document was **agreed**.

**C3-211266 Support stateless NFs for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0368 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211435**.

**C3-211435 Support redirection for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0368 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211266)

**Decision:** The document was **agreed**.

**C3-211267 Support stateless NFs for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0369 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211436**.

**C3-211436 Support redirection for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0369 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211267)

**Decision:** The document was **agreed**.

**C3-211268 Support stateless NFs for ECRControl API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0370 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211437**.

**C3-211437 Support redirection for ECRControl API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0370 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211268)

**Decision:** The document was **agreed**.

**C3-211269 Support stateless NFs for ECRControl API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0371 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211438**.

**C3-211438 Support redirection for ECRControl API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0371 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211269)

**Decision:** The document was **agreed**.

**C3-211270 Support stateless NFs for MsisdnLessMoSms API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0372 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211439**.

**C3-211439 Support redirection for MsisdnLessMoSms API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0372 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211270)

**Decision:** The document was **agreed**.

**C3-211271 Support stateless NFs for MsisdnLessMoSms API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0373 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211440**.

**C3-211440 Support redirection for MsisdnLessMoSms API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0373 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211271)

**Decision:** The document was **agreed**.

**C3-211272 Support stateless NFs for NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0374 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211441**.

**C3-211441 Support redirection for NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0374 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211272)

**Decision:** The document was **agreed**.

**C3-211273 Support stateless NFs for NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0375 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211442**.

**C3-211442 Support redirection for NpConfiguration API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0375 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211273)

**Decision:** The document was **agreed**.

**C3-211274 Support stateless NFs for PfdManagement API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0376 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211443**.

**C3-211443 Support redirection for PfdManagement API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0376 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211274)

**Decision:** The document was **agreed**.

**C3-211275 Support stateless NFs for PfdManagement API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0377 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211444**.

**C3-211444 Support redirection for PfdManagement API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0377 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211275)

**Decision:** The document was **agreed**.

**C3-211276 Support stateless NFs for RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0378 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211445**.

**C3-211445 Support redirection for RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0378 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211276)

**Decision:** The document was **agreed**.

**C3-211277 Support stateless NFs for RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0379 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211446**.

**C3-211446 Support redirection for RacsParameterProvisioning API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0379 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211277)

**Decision:** The document was **agreed**.

**C3-211278 Support stateless NFs for ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0380 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211447**.

**C3-211447 Support redirection for ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0380 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211278)

**Decision:** The document was **agreed**.

**C3-211279 Support stateless NFs for ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0381 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211448**.

**C3-211448 Support redirection for ResourceManagementOfBdt API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0381 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211279)

**Decision:** The document was **agreed**.

**C3-211280 Support Stateless NFs for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0258 rev 2 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-210361)

**Decision:** The document was **revised to C3-211449**.

**C3-211449 Support redirection for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0258 rev 3 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211280)

**Decision:** The document was **agreed**.

**C3-211281 Support Stateless NFs for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0259 rev 2 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210362)

**Decision:** The document was **revised to C3-211450**.

**C3-211450 Support redirection for TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0259 rev 3 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211281)

**Decision:** The document was **agreed**.

**C3-211282 Support stateless NFs for 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0279 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211451**.

**C3-211451 Support redirection for 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0279 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211282)

**Decision:** The document was **agreed**.

**C3-211283 Support stateless NFs for 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0280 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211452**.

**C3-211452 Support redirection for 5GLANParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0280 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211283)

**Decision:** The document was **agreed**.

**C3-211284 Support stateless NFs for ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0281 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211453**.

**C3-211453 Support redirection for ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0281 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211284)

**Decision:** The document was **agreed**.

**C3-211285 Support stateless NFs for ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0282 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211454**.

**C3-211454 Support redirection for ACSParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0282 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211285)

**Decision:** The document was **agreed**.

**C3-211286 Support stateless NFs for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0283 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211455**.

**C3-211455 Support redirection for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0283 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211286)

**Decision:** The document was **agreed**.

**C3-211287 Support stateless NFs for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0284 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211456**.

**C3-211456 Support redirection for AnalyticsExposure API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0284 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211287)

**Decision:** The document was **agreed**.

**C3-211288 Support stateless NFs for ApplyingBdtPolicy API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0285 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211457**.

**C3-211457 Support redirection for ApplyingBdtPolicy API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0285 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211288)

**Decision:** The document was **agreed**.

**C3-211289 Support stateless NFs for ApplyingBdtPolicy API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0286 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211458**.

**C3-211458 Support redirection for ApplyingBdtPolicy API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0286 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211289)

**Decision:** The document was **agreed**.

**C3-211290 Support stateless NFs for IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0287 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211459**.

**C3-211459 Support redirection for IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0287 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211290)

**Decision:** The document was **agreed**.

**C3-211291 Support stateless NFs for IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0288 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211460**.

**C3-211460 Support redirection for IPTVConfiguration API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0288 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211291)

**Decision:** The document was **agreed**.

**C3-211292 Support stateless NFs for LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0289 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211461**.

**C3-211461 Support redirection for LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0289 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211292)

**Decision:** The document was **agreed**.

**C3-211293 Support stateless NFs for LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0290 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211462**.

**C3-211462 Support redirection for LpiParameterProvision API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0290 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211293)

**Decision:** The document was **agreed**.

**C3-211294 Support stateless NFs for MoLcsNotify API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0291 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211463**.

**C3-211463 Support redirection for MoLcsNotify API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0291 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211294)

**Decision:** The document was **agreed**.

**C3-211295 Support stateless NFs for MoLcsNotify API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0292 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211464**.

**C3-211464 Support redirection for MoLcsNotify API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0292 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211295)

**Decision:** The document was **agreed**.

**C3-211296 Support stateless NFs for NiddConfigurationTrigger API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0293 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211465**.

**C3-211465 Support redirection for NiddConfigurationTrigger API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0293 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211296)

**Decision:** The document was **agreed**.

**C3-211297 Support stateless NFs for NiddConfigurationTrigger API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0294 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211466**.

**C3-211466 Support redirection for NiddConfigurationTrigger API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0294 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211297)

**Decision:** The document was **agreed**.

**C3-211298 Support stateless NFs for ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0295 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211467**.

**C3-211467 Support redirection for ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0295 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei*

(Replaces C3-211298)

**Decision:** The document was **agreed**.

**C3-211299 Support stateless NFs for ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0296 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211468**.

**C3-211468 Support redirection for ServiceParameter API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0296 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211299)

**Decision:** The document was **agreed**.

**C3-211310 Usage threshold update**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0382 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211511**.

**C3-211511 Usage threshold update**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0382 rev 1 Cat: F (Rel-16)  
  
 Source: Huawei, Ericsson*

(Replaces C3-211310)

**Decision:** The document was **agreed**.

**C3-211311 Usage threshold update**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0383 Cat: A (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211512**.

**C3-211512 Usage threshold update**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0383 rev 1 Cat: A (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-211311)

**Decision:** The document was **agreed**.

**C3-211513 Usage threshold update**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0288 Cat: F (Rel-16)  
  
 Source: Ericsson, Huawei*

**Decision:** The document was **agreed**.

**C3-211514 Usage threshold update**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0289 Cat: A (Rel-17)  
  
 Source: Ericsson, Huawei*

**Decision:** The document was **withdrawn**.

### 16.21 CT Aspects of 5GS Transfer of Policies for Background Data [xBDT]

### 16.22 CT aspects of SBA interactions between IMS and 5GC [eIMS5G\_SBA]

### 16.23 CT aspects of application layer support for V2X services[V2XAPP]

**C3-211052 Error handling of 29.486**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0015 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

### 16.24 xMB extension for mission critical services [MC\_XMB-CT]

### 16.25 CT aspects of enhancements for Common API Framework for 3GPP Northbound APIs [eCAPIF]

### 16.26 CT aspects of Service Enabler Architecture Layer for Verticals [SEAL]

### 16.27 CT aspect of single radio voice continuity from 5GS to 3G [5G\_SRVCC]

### 16.28 Technical Enhancements and Improvements [TEI16]

#### 16.28.1 TEI16 for IMS/CS

#### 16.28.2 TEI16 for Packet Core

**C3-211229 PFD change subscription modification procedure**

*Type: CR For: Agreement  
 29.513 v16.6.0 CR-0251 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211230 PFD change subscription modification procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0252 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211231 packFiltInfo attribute correction**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0737 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211232 packFiltInfo attribute correction**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0738 Cat: A (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211337 Reply LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS out For: Approval  
 to SA4, cc SA2  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211424**.

**C3-211424 Reply LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS out For: Approval  
 to SA4, cc SA2  
 Source: Ericsson*

(Replaces C3-211337)

**Decision:** The document was **postponed**.

**C3-211353 discussion for resource allocation status**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Discussion:**

Huawei: Please find below our comments on this discussion paper and the associated CRs:

- If my understanding is correct, your proposal is basically to use feature control on these two events just to enable the interworking between a Rel-15 SCEF and a Rel-16 SCS/AS. The problem is that these headers are both mandatory to support starting from Rel-16 for both APIs, especially for the AsSessionWithQoS API, and the feature control mechanism (as defined in TS 29.500) is designed to be used for optional features, not mandatory ones. Therefore, I am afraid that the proposed solution has more harmful impacts to these functionalities than benefits on the IW between a Rel-15 SCEF and a Rel-16 SCS/AS, as it breaks the mandatory character of the support of these events.

- Regarding the other two solutions described in the discussion paper, the reason for change is not strong enough in our point of view to justify stepping up the API major version in addition to the fact that this would not be acceptable for us.

- Now the main question that I have and that I already asked last time is whether this issue really needs to be solved at all? I don’t see why it would be that “big” of a deal if a Rel-16 based SCS/AS does not receive these events from a Rel-15 SCEF. The SCS/AS can just assume that resource allocation was successful. At least, this would be less harmful than changing a mandatory provision to an optional one or stepping up the API major version field.

- Also, moving the data types from the common data types clause to the ChargeableParty API specific data types is not needed in my opinion. These data types may be used in the future by another API, it is hence better to keep them in the common data types clause. As far as my understanding goes, this does not have any impact on the APIs.

Therefore, based on the above, we still think that these CRs are not needed.

Ericsson:

Making something mandatory in an existing API changes the \*behavior\* of the API so it is considered as non-BC. When those 2 CRs (introducing resource allocation failure / success) were agreed, please note there is no statement saying the resource allocation result over T8/N33 is mandatory. When we add something on top of an existing function, it is OPTIONAL to keep backward compatibility.

The introduction of this event over T8/N33 changes the expectation of the AF. Without defining those 2 event report over T8/N33, I agree with you that the SCS/AS can assume the resource allocation was OK after receiving the initial post response. But when the AF implementor choose to adapt to R16 TS, he/she expects to receive the \*confirmation\* of resource allocation then to proceed. But it will create the chaos w/o proper capability exchange in prior. By your last statement, it seems you prefer to step up the Major version for the API. Like I said, it is doable but please check TS 29.501 guidance: “It is recommended to avoid backward incompatible change to the API after the OpenAPI freeze whenever possible”. In all CT3 previous discussions, to fix different issues, people first tries to use BC way whenever possible. And I see the feature negotiation is a good and useful existing tool we can utilize.

] Initially both APIs share the same common definition, now they have its own definition. I’ve checked the references using 3GPP tool Data Type Finder, it is safe because no other specification is referring to this 29122 common data. The common data definition should have the really common data type being referenced by at least 2 APIs.

Huawei: On making changes mandatory, I agree, but these changes were agreed as BC by the WG back then, as it is the case for many necessary NBC changes.

Adding the statement saying the resource allocation result over T8/N33 is mandatory is not needed to make a feature mandatory.

We don’t think this is a strong enough reason to justify all this mess. Can you please further detail (technically) what you call “create chaos”? As per our analysis, this will not have a considerable impact and this is the fundamental question here.

Huawei does not want to step up the major version.

We should not solve a problem to create another one. That is basically what your proposal is doing! We should not agree on a change like this blindly, we should first assess and analyze the consequences and in this case the consequences are clearly more harmful than the benefits.

As for the common clause, today, no other API is referring to these data types, but maybe tomorrow it will not be the case anymore. What should we do if it happens? Remove them back to the common data types clause. The main question is whether there is something wrong with keeping them in the common clause? As per my understanding, no.

Ericsson: I would like to point out that “CR agreed in the past” doesn’t mean it is perfect without issue, in the past, CT3 did fix the incorrectly specified functions and so on.

Please see may further replies with [WL2] below.

At last, I would like to request a timeslot at the end of meeting today to discuss the DP and see if that is the common understanding of the group to have those 2 events over T8 as mandatory.

@Susana, please consider this as a controversial issue as the last agenda item today.

**Decision:** The document was **noted**.

**C3-211356 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0386 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211641**.

**C3-211641 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0386 rev 1 Cat: F (Rel-16)  
  
 Source: Ericsson*

(Replaces C3-211356)

**Decision:** The document was **agreed**.

**C3-211357 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0387 Cat: A (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211642**.

**C3-211642 Resource allocation status**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0387 rev 1 Cat: A (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211357)

**Decision:** The document was **agreed**.

**C3-211640 Reply LS on Server Domain Name Usage for Application Traffic Detection**

*Type: LS out For: Approval  
 to SA4, cc SA2  
 Source: Huawei*

**Decision:** The document was **postponed**.

### 16.29 OpenAPI version updates

**C3-211519 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.512 v16.7.0 CR-0747 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211520 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.122 v16.8.0 CR-0388 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211521 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.522 v16.6.0 CR-0307 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211522 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0291 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211523 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.507 v16.6.0 CR-0164 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211524 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.508 v16.6.0 CR-0129 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211525 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.520 v16.6.0 CR-0266 Cat: F (Rel-16)  
  
 Source: China Mobile Communications Group Co.,Ltd*

**Decision:** The document was **agreed**.

**C3-211526 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0101 Cat: F (Rel-16)  
  
 Source: China Mobile Communications Group Co.,Ltd*

**Decision:** The document was **agreed**.

**C3-211527 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.525 v16.6.0 CR-0151 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211528 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.551 v16.6.0 CR-0075 Cat: F (Rel-16)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211529 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0078 Cat: F (Rel-16)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211530 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.517 v16.3.0 CR-0037 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211531 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.591 v16.3.0 CR-0041 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211552 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0066 Cat: F (Rel-16)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211631 Update of TS version in externalDocs field**

*Type: CR For: Agreement  
 29.519 v16.6.0 CR-0249 Cat: F (Rel-16)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

### 17.1 Rel-17 Work Items

**C3-211081 Discussion on BEPoP L2TP impacts to CT3**

*Type: discussion For: Discussion  
 Source: Ericsson*

**Discussion:**

Huawei: I understand SA2 and SA3 shall first complete stage 2 work before we start our CT3 implementation. We propose to postpone the revised WID.

Ericsson: WID new or revise is ahead of actual TS implementation, to define or update the normative work scope.

This paper discuss the L2TP on SGi/N6 interface which is already the normative work defined in this CT WID TR 29.820.

Since L2TP on SGi/N6 interface is within TS 29.061 and TS 29.561 scope in CT3 remit,

hence need to add the missing objective in CT3 remit, and the missing TS 29.061 and TS 29.561 in the impact TS to filling the gap in this CT WID.

After the CT WID is revised including TS 29.061 and TS 29.561 for L2TP impacts in this meeting and the coming CT plenary,

then could enable us to have suitable time to implement before the WID completion deadline within 2 plenary, otherwise only 1 plenary is risky.

Huawei: I understand CT4 has only the responsibility to define the Sx/N4 interface in this WID. But the end to end procedure and security party shall be defined by SA2 and SA3 respectively, e.g the parameters of the authentication for L2TP tunnel establishment shall be decided by the SA3. CT3 work shall be based on the requirements from SA2 and SA3 rather than the conclusion of CT4.

Ericsson: I understand you’re talking about the implementation fulfillment, SA2 and SA3 define the function and general procedure, while parameters in within CT remit.

BEPoP WID on has already been settled, similar as pfdManEnh WID with parameters and detail procedures not rely on stage 2.

And WID new and revised is the 1st step to cover the scope, for your concerned detail implementation, so long the revised WID could be agreed, the earliest CR implementation is in April meeting,

This is the same step WID scope 1st, then enable next step for CR implementation, like other WIDs handling.

Huawei: I think any solution defined by the CT4 and beyond the scope of CT4 shall be confirmed by SA2 and SA3. It is different from the situation of the pfdManEnh.

We can’t assume that the solution defined by CT4 will be not challenged by SA2 and SA3 on their responsibility.

If we can’t agree the WID unfortunately this meeting, you can submit the WID and CR together in the next meeting. The work will not be delayed in this case.

Ericsson: “L2TP tunneling over SGi/N6 to third party DN” is already existing in CT WID BEPoP scope, Just missing L2TP tunneling CT3 Impact scope.

SA2 LS in C3-210019 answer already cover “allowing UPF to setup L2TP tunnels to their party server”, as this paper analysis with CT3 impact.

The related solution implementation can wait SA2 confirmation,

while should not delay adding CT3 impact in WID scope, to ensure CT3 can prepare/discuss the related L2TP tunneling support in TS 29.061 and TS 29.561 in time.

CT4 is currently discussing this.

**Decision:** The document was **noted**.

**C3-211346 Impacts of eV2XAPP to CT WGs**

*Type: discussion For: Discussion  
 Source: Huawei, HiSilicon /Christian*

**Decision:** The document was **noted**.

#### 17.1.1 New or revised Work Items

**C3-211025 Enhancement to the 5GC Location Services - Phase 2**

*Type: WID new For: Endorsement  
 Source: CATT*

**Discussion:**

Nokia: There is a sentence: “Location requirements from other work items, e.g. 5GSAT\_ARCH, which may affect 5G\_eLCS\_ph2, will also be considered.” Probably this requires more explanation and requirements could be added to a revised WID in more precise words, if the requirements will get clearer and cannot be covered by the other WI in future. My proposal is that the sentence could be removed at the moment.

CATT: we received similar comments from CT4, this issue comes from the discussion among SA2 5GSAT\_ARCH experts, who believe this would affect 5G\_eLCS\_ph2. I think we could move this into a NOTE, I will make a revision.

Ericsson: P-200082 is approved in March. 2020, while TS 23.273 seems not yet have the related CR updates, e.g. not normative conclusion on “very low latency and very high accuracy positioning” and the left KIs.

Wonder whether you could check SA2 normative conclusion ready time, so that the most “possible” descriptions in the objectives and expected out could be normative specific?

CATT: Thanks for the comments, based on the discussion in CT4, I will add a NOTE to specify that "impacts have to be kept as probable impacts and should be updated based on SA2 progress." Hope this works for you, I will make a revision later.

Ericsson: I’m fine to follow the CT4 discussion conclusion upon CT4 leading this WID.

CATT: the r1 revision of the WID is uploaded by capturing comments from CT1/3/4 groups, most comments are the same. R1 is made available.

CATT: R2 is made available. The r2 revision (clean version) of the WID is uploaded by fixing a wording problem (probable---->possible), and add HiSilicon as supporting company. And if no futher modification needed, I will revise this WID to 1383 later.

CT3 agrees with the CT3 part.

**Decision:** The document was **revised to C3-211383**.

**C3-211383 Enhancement to the 5GC Location Services - Phase 2**

*Type: WID new For: Endorsement  
 Source: CATT*

(Replaces C3-211025)

**Decision:** The document was **revised to C3-211607**.

**C3-211607 Enhancement to the 5GC Location Services - Phase 2**

*Type: WID new For: Endorsement  
 Source: CATT*

(Replaces C3-211383)

**Decision:** The document was **endorsed**.

**C3-211076 New WID on CT aspects of Enhancement for Proximity based Services in 5GS**

*Type: WID new For: Agreement  
 Source: CATT, OPPO*

(Replaces C3-210272)

**Discussion:**

Revision of C3-210272

Samsung: One minor comment, in clause 4, objective, the following text is duplicated. Please remove the duplicated text.

The objective of this work is to specify the CT aspects of proximity based services in 5GS in order to enhance the CT WGs specifications based on the stage-2 requirements. Normative work to be developed by SA WGs and RAN WGs which impacts CT WGs will be considered as soon as those are available.

The work shall be started only after the applicable normative SA2 requirements are available.

CT3 agrees with the CT3 part.

**Decision:** The document was **revised to C3-211384**.

**C3-211384 New WID on CT aspects of Enhancement for Proximity based Services in 5GS**

*Type: WID new For: Agreement  
 Source: CATT, OPPO*

(Replaces C3-211076)

**Decision:** The document was **endorsed**.

**C3-211082 Revised WID on BEst Practice of PFCP**

*Type: WID revised For: Endorsement  
 Source: Ericsson*

**Decision:** The document was **endorsed**.

**C3-211087 New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services**

*Type: WID new For: Endorsement  
 Source: Huawei*

**Discussion:**

Nokia: from my knowledge the WI is in an early stage. Of course the northbound APIs should be in CT3 (NEF/N33 enhancements, MBSF-C interfaces, enhanced policy control based on stage 2 requirements, if required) and N6 (29.561). May be we should add 29.513 with possibly impacts and something like as we did in other Rel-17 WIDs: “Stage 3 work shall be started only after the applicable normative stage 2 work is available.” The completion date is probably March 2022 currently.

I think other aspects like the TR proposal (should be in stage 2 from my point of view) but discussion for that is under CT4 responsibility.

Huawei will further check the provided comments.

Ericsson: has below comments, in general if below issues could not be solved, seems this WID is still premature for CT WID stage.

1) In clause 3 Justification, Please clarify the meaning of the “interim” conclusion on 5MBS WID (900038), whether the TR23.247 has been normatively concluded or not ?

2) In clause 4 Objective, Please break down and specify the most normative works in each CT3 group remit to be aligned with Stage 2.

3) In clause 4, the N6 / N6-MB is not listed. N6 / 29.561 should be added for CT3 to cover Interworking with BM-SC in EPS with 5GS.

4) In clause 5, why New TR , not New TS to be expected ? the possible issue would be TR study in CT possible to have some conflict with late normative conclusion from stage 2.

5) In clause 5, existing TS, Why almost all the existing TS are listed, where is the clear description on the impact? Only 2 words “Possibly impacted” could be taken as not mature for WID currently.

And Please add TS 29.561 in the existing TS in which we can expect the impact N6/N6-MB impact for CT3.

6) SA2 has change the names for MBSF-C & -U. It is now MBSF and MBSTF, then corresponding description should be updated in clause 5.

7) “Support of interworking with EPC/eMBMS for Public Safety.”: Do we expect any impact in MB2?

Nokia: I heard that CT4 has postponed this WID to the April meeting.

Huawei to both Nokia & Ericsson: Yes, you are right. I will hence take your comments offline if it is OK for you? and reply to you later on.

Fine for Nokia.

Ericsson: Upon CT4 decided to postpone this WID, and CT3 also postponed this WID till next meeting, then I’m fine to get your answer later before next meeting.

**Decision:** The document was **postponed**.

**C3-211094 New WID on Enablers for Network Automation for 5G - phase 2**

*Type: WID new For: Approval  
 Source: China Mobile, Huawei*

**Discussion:**

Nokia: I have the following comments to the eNA WID:

1. The statement “This work item will also specify the call flows of Network data analytics procedures and signalling flows” in clause 3 should be either removed or re-formulated to something like “This work item will also specify how to implement the signalling flows defined in stage 2 using SBI operations”.

2. The first paragraph of clause 4 is a summary of the objective of the stage 2 work and should not appear as the objective of this WID. It should be either preceded by a statement a la “The objective is to specify the stage 3 protocols and specification required in order to fulfil X” (where X is either the current first paragraph or something much shorter like “the requirements of the respective stage 2 specifications”, as in most of the WIDs agreed at the previous meeting).

3. The first CT3 bullet in clause 4 (re Call Flows) should be removed or re-formulated according to 1 (see above), depending on what the exact intention is.

4. The statement “Signalling reduction via architectural changes” could also be clarified via sub-bullets that summarize certain conclusions of the eNA\_Ph2 TR (consistently to what was done for the previous statements). We propose the following sub-bullets:

a. Specification of Data Collection Coordination Functionality (DCCF) API(s), which may be used to coordinate collection of data.

b. Specification of Data Repository Functionality (DRF) API(s), which may be used to store collected data and analytics from and for multiple NF(s).

5. “Enhancement of NWDAF to support analytic and provide user consent for UE data” should be re-written as “Enhancement of NWDAF to support performing data collection and analytics generation depending on the existence (or not) of user consent for UE data” (because the NWDAF does not provide user consent as the current statement says).

6. “Support of trained data model sharing between multiple NWDAF instances” should be removed because it is covered by “Enhancement of NWDAF to support trained data model sharing” further up in the list.

7. “Support of dispersion Analytics output provided by NWDAF” appears twice and one occurrence should be removed.

8. In clause 5, we don’t see the need for a new TS. The signalling flows shall be specified in 23.288, while the way of implementing them via the stage 3 defined APIs can be covered in 29.520 etc. Can you please explain the intended content?

Ericsson: We have some concerns on the call flows in CT3 objective and the new TS scope,

whether the SBI will cover CT4 scope e.g. data collections, NF discovery, NF consumers in CT4 remit or not ?

If SA2 WID normative work in TS 23.288 including works with e2e call flows,

Then the option is to specify normative call flows in 29.513 or new TS within CT3 remit with CT3 responsibility, not covering CT4 scope.

For the impacted existing TS scope, consider the scope of eNA WID,

CT3 remit: should add TS 29.514, TS 29.523, TS 29.554, TS 29.517, TS 29.591, and remove TS 29.507. CT4 remit: should add TS 29.518, TS 29.571.

Huawei will share the Discussion held one year ago for further offline discussion.

Huawei: For the new TS proposal, it was agreed in CT3#111E meeting after discussed C3-204027, please check the related chair notes: A proposed TS for Network Data Analytics signalling flows is acceptable in CT3. NWDAF procedures from TS 29.513 would be moved to the new TS from Release 17 onwards.

Samsung: Below are our comments on the WID objectives.

 “Support of dispersion analytics output provided by NWDAF” is duplicated, please remove.

 Update the below objective with slice SLA support description, as per conclusion in clause 8.4 of TR 23.700-91.

Potential impact on NWDAF Support for Slice SLA enhancement;

- Enhancements of slice load level related data analytics;

- Support for slice load distribution mechanism;

China Mobile:

On 1) Improved as "This work item will also specify how to implement the Network data analytics procedures and signalling flows"

On 2) It is proposed to have a simple summarize of stage2 work. The paragraph have been updated with" The objective is to specify the protocols and specifications required in order to fulfil system enhancements for NWDAF, which including architecture or framework enhancement (e.g. logical function decomposition of NWDAF, increasing efficiency of data collection, multiple NWDAF instances communication, UE data input via AF, user consent for UE data collection/analysis, trained data model sharing, triggering conditions for the Data Analytics, and enhancement for real-time communication), extensions to existing Nnwdaf services (slice SLA enhancement, dispersion analytics, NWDAF-assisted UP optimization, NWDAF-assisted RFSP policy, UP optimization for edge computing, and adding application attributes to User Data congestion Analytics) and the signalling flows of Network Automation."

On 3) Wait for the comment for the new TS.

On 4) Currently stage 2 have not decided whether DCCF and DRF will be introduced, I have improved the work under "Increasing efficiency of data collection" and "Potential impact to support DCCF and DRF registration, discovery and selection;" have been added in the CT4 work.

On 5), accepted.

On 6) Accepted. "Enhancement of NWDAF to support trained data model sharing" has been kept because this sentence is more easier to align with the wording in CT4 work .

On 7) Accepted and one of them has been removed.

On 8) Wait for the comment for the new TS.

On the new impacted TSs: currently I have not identify the impact to all of these TSs. Some potential impact added in the table.

Rest of comments accepted (except new TS, waiting for comments).

R1 is made available.

Nokia: With regard to 4, stage 2 has decided that it will introduce DCCF and the DRF (see 8.11.4 in the stage 2 TR conclusions). They might just be optional functionalities and they may be collocated with the NWDAF etc. But they WILL be specified and that’s exactly what the bullet “Signalling reduction via architectural changes” means. Therefore, I think we should do exactly what we did for the previous three bullets (which correspond with 8.11.1, 8.11.2, and 8.11.3), i.e., add sub-bullets that point to what will be specified in order to achieve this kind of signalling reduction.

With regard to the new TS, I would like to understand the exact reasoning. 29.513 is the only CT3 TS that specifies signalling flows and it exists because of its own reasons, i.e., it was created based on 29.213 to cover details of PCC procedures, because it was deemed to be necessary. In my understanding, this does not mean that CT3 should necessarily (as a rule) define detailed signalling flows for all (even non-PCC-related) procedures that are related to APIs that it defines (given the potential overlaps with responsibilities of other WGs in stage 2 or stage 3, especially when these procedures go beyond PCC, as is the case in eNA). The NWDAF procedures in 29.513 are only those for the direct interactions with the PCF and I am not sure we should go beyond that. What do others think?

Samsung: There is one more late feedback, if it possible to suggest another bullet.

Please add the below under the UE data as an input for analytics generation

- Support of UE data as an input for analytics generation;

- Enhancements to NF load analytics based on UE data collected via the AF and/ or MDT

Also, please add Samsung in clause 9 as supporting company.

Ericsson: For the new TS, my comments still need reply on our concerns on the scope should within CT3 remit, not covering CT4 scope.

And please add Ericsson as supporting company to this WID.

Huawei: I am fine to maintain the scope of the new TS within CT3 remit, not covering CT4 scope.

Nokia: The main aspect behind Nokia’s comment is to specify the intention of the new specification. The title of the new TS is “Network Data Analytics Signaling Flows” and 23.288 includes procedures for network data analytics. Therefore, we would like to clarify if CT3 wants to specify signaling flows for non-PCC-related procedures (e.g., NWDAF functionalities which do not include PCF interactions), which could go beyond CT3 responsibility. If all other companies agree that CT3 should work-out a new TS, then we will agree to a WID revision that clarifies that the signalling flows will only be for procedures in the CT3 remit, which is a usual basis. This should be clearly mentioned in the WID. I assume we all agree on that, so it should not be an issue to mention such a requirement.

[Please see also our previous e-mail for further technical issues]

With clarifications related to the above issues, Nokia, Nokia Shanghai Bell can co-sign the WID.

Huawei: I fully understand your concern, and I will clearly indicate in the scope of the new TS that it will only define the signalling flows among Nnwdaf services, Nsmf service (i.e. Nsmf\_EventExposure), Nnef (Nnef\_AnalyticsExposure, Nnef\_EventExposure etc.), Npcf services (Nocf\_EventExposure, Npcf\_BDTPolicyControl etc.), Naf (Naf\_EventExposure) and more services introduced from Rel-17 under CT3 scope, and also the signally among different functionalitis within the NWDAF etc. Will not touch CT4 scope for sure. Similar as TS 29.513’s scope.

And I am fine to add an NOTE behind the Table of new TS in the WID, e.g.

NOTE: The new TS on protocol definition of the signalling flows for network data analysis will only describe the NFs and functionalitis under CT3’s responsibility.

China Mobile: Please find the updated R2 version and check whether it is fine for you. The mainly changes are as follows:

1) A notes to indicate stage 3 work related with new functionalities should be updated accroding to stage 2 work;

2) A note to indicate the limitation of the New TS;

3) Supporting companies have been updated.

Ericsson: , I’m fine with most updates in v2.

Just 2 small comments to below bullet/sub-bullet in clause 4, CT3 Objective to be updated：

1) 7th bullet, 2nd sub-bullet, remove the duplicated “support” as highlighted below:

- Enhancement of NWDAF to support support performing data collection and analytics generation depending on the existence (or not) of user consent for UE data;

2) 9th bullet, to avoid misunderstanding of “real-time” concept in eNA\_Ph2, adding the concluded Delay concept as below in blue:

- Enhancement for real-time communication between the NWDAF Service Consumer and the NWDAF within Supported Analytics Delay per Analytics ID;

**Decision:** The document was **revised to C3-211385**.

**C3-211385 New WID on Enablers for Network Automation for 5G - phase 2**

*Type: WID new For: Approval  
 Source: China Mobile, Huawei*

(Replaces C3-211094)

**Decision:** The document was **agreed**.

**C3-211095 New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

*Type: WID new For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces C3-210373)

**Decision:** The document was **revised to C3-211582**.

**C3-211582 New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking**

*Type: WID new For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces C3-211095)

**Decision:** The document was **endorsed**.

**C3-211096 Revised WID on CT aspects of 5GC architecture for satellite networks**

*Type: WID revised For: Endorsement  
 Source: Qualcomm Incorporated*

**Decision:** The document was **revised to C3-211608**.

**C3-211608 Revised WID on CT aspects of 5GC architecture for satellite networks**

*Type: WID revised For: Endorsement  
 Source: Qualcomm Incorporated*

(Replaces C3-211096)

**Decision:** The document was **endorsed**.

**C3-211141 Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS**

*Type: WID revised For: Approval  
 Source: China Telecommunications*

**Decision:** The document was **revised to C3-211585**.

**C3-211585 Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS**

*Type: WID revised For: Approval  
 Source: China Telecommunications*

(Replaces C3-211141)

**Decision:** The document was **agreed**.

**C3-211167 New WID on CT aspects of Enhanced application layer support for V2X services**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon /Christian*

**Abstract:**

Enhanced application layer support for V2X services (eV2XAPP) is a Rel-17 SA6 WG work which impacts the CT WGs (see WID in SP-200831). The work is to provide for enhanced application layer support capabilities.

**Discussion:**

Ericsson: Please find below Ericsson comments,

1. Justification has incorrect TS for SEAL (it should be TS 23.434).

2. For Objective. To avoid CT1 and CT3 both group specified overlapped protocols, need more specific scope description in CT1 remit and CT3 remit :

a. [V2Xapp enabling layer] for CT1, it should be clear that only the V5-AE & V1-AE enhancement is in CT1 remit. And CT3 will be responsible for the improvement for Vs and VAE-E interfaces.

b. [SEAL] only SEAL-Uu & SEAL-PC5 enhancement is in CT1 remit. Enhancement of SEAL-S and SEAL-X interfaces is in CT3 remit.

3. For CT3 objective, it mis-includes the T8 and N33 enhancement. T8/N33 adheres to SA2 requirement and no any agreed SA2 solution yet.

4. For impacted TS:

a. typo for CT1 TS 24.386 => 24.486.

b. CT3 TS 29.116, 29.122 & 29.561 shall be removed.

Huawei: Please check rev1 which also includes the change from CT1.

Ericsson: For CT3 objective, below T8 i/f impact should be removed.

- impact to the SCEF northbound APIs for eV2XAPP;

And below highlighted scope is still not matched in current revision:

For Objective. To avoid CT1 and CT3 both group specified overlapped protocols, need more specific scope description in CT1 remit and CT3 remit :

c. [V2Xapp enabling layer] for CT1, it should be clear that only the V5-AE & V1-AE enhancement is in CT1 remit. And CT3 will be responsible for the improvement for Vs and VAE-E interfaces.

d. [SEAL] only SEAL-Uu & SEAL-PC5 enhancement is in CT1 remit. Enhancement of SEAL-S and SEAL-X interfaces is in CT3 remit.

Ericsson: Again, to be specific on Ericsson comments to Clause Objective,

For CT3, the expected work includes,

Please consider updates as below:

1st bullet: “define or update new” change to “enhance”.

2nd bullet: remove all the sentence.

3rd bullet: “define or update new” change to “enhance”.

Ericsson: Would you further add below SEAL-E in the 3rd bullet for CT3 expected works:

- enhance APIs provided by the SEAL server for SEAL-S, SEAL-E and SEAL-X.

CT3 part is endorsed

**Decision:** The document was **revised to C3-211583**.

**C3-211583 New WID on CT aspects of Enhanced application layer support for V2X services**

*Type: WID new For: Endorsement  
 Source: Huawei, HiSilicon /Christian*

(Replaces C3-211167)

**Decision:** The document was **endorsed**.

**C3-211380 CT aspects on support for Signed Attestation for Priority and Emergency Sessions**

*Type: WID new For: Endorsement  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211386**.

**C3-211386 CT aspects on support for Signed Attestation for Priority and Emergency Sessions**

*Type: WID new For: Endorsement  
 Source: Ericsson*

(Replaces C3-211380)

**Decision:** The document was **endorsed**.

#### 17.1.2 Contributions on Work Items

### 17.2 Stage 3 of Multimedia Priority Service (MPS) Phase 2 [MPS2]

### 17.3 PFD Management Enhancement [pfdManEnh]

**C3-211053 Correction to the name of custom operation**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0066 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211054 Overall description of notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0067 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211612**.

**C3-211612 Overall description of notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0067 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211054)

**Decision:** The document was **agreed**.

**C3-211055 Procedure of notification push update**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0235 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211056 Procedure of partial pull**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0236 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211073 Procedure of notification push update**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0219 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210280)

**Decision:** The document was **revised to C3-211392**.

**C3-211392 Procedure of notification push update**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0219 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Ericsson, China Telecom*

(Replaces C3-211073)

**Decision:** The document was **revised to C3-211644**.

**C3-211644 Procedure of notification push update**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0219 rev 4 Cat: B (Rel-17)  
  
 Source: Huawei, Ericsson, China Telecom*

(Replaces C3-211392)

**Decision:** The document was **agreed**.

**C3-211074 Procedure of partial pull**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0220 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210281)

**Decision:** The document was **revised to C3-211393**.

**C3-211393 Procedure of partial pull**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0220 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Ericsson, China Telecom*

(Replaces C3-211074)

**Decision:** The document was **agreed**.

**C3-211092 Additional subscription parameters for filtering of PFD notifications in push mode**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0068 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Additional subscription parameters for filtering of PFD notifications in push mode

**Discussion:**

This CR introduces a backwards compatible correction to the OpenAPI file.

Ericsson: No such function requirement as specified in the cover page defined in stage 2 for SMF and NEF(PFDF) to support,

Also some drawback e.g. AF does not limit the SMF or area which in 5GC inside logic and network construction, while if misusing the extra subscription parameters which not only arouse more feature function and extra filter handling, but also will missing the needed push/pull operations for the needed application identifiers provisioning/updates.

Nokia: My understanding is that none of the functions defined in the context of the CT3 WI pfdManEnh directly stem from explicit stage 2 requirements.

The mechanism proposed in this CR is targeting “signalling optimizations for PFD management”, like the other CRs of this Work Item.

We do understand that the proposed function is not explicitly depicted in the WID (contrary to partial pull etc) but we hope that the group will agree that it is within its general scope or that we can do a slight revision to the WID for this, if needed.

We think that the aspects mentioned as possible drawbacks are not really drawbacks because the area of validity of AppIds/PFDdata can be configured anyway in the NEF. If they don’t exist, they are just not used for filtering. This was the case for pushing PFDs in specific areas in 4G as well. “Misusage” of the subscription parameters should not be an issue. What is the difference to the possibility of “misusing” the current subscription parameters (i.e., AppId list)?

Huawei: We share the same opinion as Ericsson.

Nokia: It would be very helpful if you briefly answer the questions:

1) Why is this less related to stage 2 requirements the rest of the features added in pfdManEnh?

2) Why would misuse (?) of the new subscription parameters be different/worse than misuse of the existing subscription parameters?

Or was there any other concern?

The issue is that the push mechanism in 4G could already be performed based on pre-configured PCEF information in the PFDF and enabled such kind of filtering.

In 5G we have implemented PFD Push ONLY via subscription and we have practically (IMHO collaterally) removed the possibility of doing targeted/selective push, causing a kind of spec discontinuity.

Huawei: I agree that in 4G, PFDF pre-configures the PCEF information, but this informaiton is used to indicate which PCEF shall be provisioned the PFD(s). But it is not specified that the PFDF provisions the different set of PFDs to the different PCEFs based on the pre-configured information. There is no requirement that the provisioning will be performed differentiately according to the area or capability of the PCEFs. If you want to do that, it is an implementation specific issue.

On the possibility of doing selective push, You still can do that if you have such kind of configuration at the PFDF, e.g. configure the different provisioning policies based on the notification URI. But it doesn’t need to specify it in 29.551.

Nokia: Configure different policies based on the notifUri? The notifUri is provided at subscription time and it contains no information. With this logic we shouldn’t have put AppIds in the Subscribe. You can configure them based on the notifUri. It’s exactly the same case. Let me put it differently: Where did you put the info about where and what to push in 4G? In the PFDF config. Where do you put it in 5G (following the SBA principles)? In the subscription. Why would you handle all the rest of the “filters” differently to the AppIds. Again, the point is that we have moved the responsibility of the “push info” from the PFDF to the subscribing SMF and we have just forgotten some filters... I don’t think it makes sense to split this responsibility across the different products.

Huawei: As I said, the filters that you describe is pre-configured info which is not specified in our specification and is totally implementation issues in 4G. I just gave you an example how to optimize the provisioning based on the pre-configuration info. If the Notification URIs can be used to identify different SMF from the PFDF side and the appropriate info is configured at the PFDF, the PFDF can provision the PFDs as it does in 4G. IMHO, the dynamic negotiation between the SMF and the PFDF is not the only way to resolve your concern. If we go this way, stage 2 requirement is needed.

Nokia: Thanks for your response, but:

1) The notifUri cannot be assumed to be usable for identifying the SMF, as Huawei insisted in the thread of C3-211093 (and I stepped back, accepting the argument). Providing this info together with the list of AppIds is IMHO indeed the only meaningful way to implement this in the 5GS SBA-based system.

2) Why does this addition, purely related to filtering/optimization of PFD management signalling, require stage 2 requirements more than the rest of the additions in pfdManEnh did?

**Decision:** The document was **postponed**.

**C3-211181 Resolve the FFS for notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0059 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210278)

**Decision:** The document was **revised to C3-211394**.

**C3-211394 Resolve the FFS for notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0059 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei, Ericsson, China Telecom*

(Replaces C3-211181)

**Decision:** The document was **revised to C3-211613**.

**C3-211613 Resolve the FFS for notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0059 rev 4 Cat: B (Rel-17)  
  
 Source: Huawei, Ericsson, China Telecom*

(Replaces C3-211394)

**Decision:** The document was **revised to C3-211630**.

**C3-211630 Resolve the FFS for notification push**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0059 rev 5 Cat: B (Rel-17)  
  
 Source: Huawei, Ericsson, China Telecom*

(Replaces C3-211613)

**Decision:** The document was **agreed**.

**C3-211182 Partial pull update**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0060 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210279)

**Decision:** The document was **revised to C3-211614**.

**C3-211614 Partial pull update**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0060 rev 3 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211182)

**Decision:** The document was **agreed**.

**C3-211376 Corrections on partial pull**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0061 rev 3 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

(Replaces C3-210429)

**Decision:** The document was **revised to C3-211395**.

**C3-211395 Corrections on partial pull**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0061 rev 4 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

(Replaces C3-211376)

**Decision:** The document was **revised to C3-211645**.

**C3-211645 Corrections on partial pull**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0061 rev 5 Cat: F (Rel-17)  
  
 Source: China Telecom, Huawei*

(Replaces C3-211395)

**Decision:** The document was **agreed**.

### 17.4 Service Based Interface Protocol Improvements Release 17 [SBIProtoc17]

**C3-211031 Clarification on optional HTTP custom headers**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0156 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211032 Clarification on optional HTTP custom headers**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0119 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211033 Clarification on optional HTTP custom headers**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0144 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211078 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0159 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-211495**.

**C3-211495 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0159 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-211078)

**Decision:** The document was **agreed**.

**C3-211079 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0124 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-211496**.

**C3-211496 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0124 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-211079)

**Decision:** The document was **agreed**.

**C3-211080 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0147 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-211497**.

**C3-211497 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0147 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-211080)

**Decision:** The document was **agreed**.

**C3-211091 Add Session Management Policy Data per PLMN to be used in VPLMN for HPLMNs**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0234 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Add Session Management Policy Data per PLMN to be used in VPLMN for HPLMNs

**Discussion:**

This CR introduces a backwards compatible correction to the OpenAPI file

Ericsson: From a stage 3 perspective, the proposed changes could properly accommodate the implementation in UDR of per PLMN profiles for policy SM subscription data for in-bound roamers.

However, previous to this stage 3 implementation, we're missing a consistent definition of the stage 2 requirements.

23.502 procedure for SM Policy Association Establishment (4.16.4), could e.g. only be referring to Application Data (because it is not specified in 23.502 clause 5.2.12.2 the access to PDU Session policy control data with another key than SUPI (S-NSSAI, DNN)).

Note that per PLMN profiles for inbound roamers can always be locally configured in the PCF, in opposition to Application data, which can only be defined in the UDR upon NEF request.

Therefore we'd prefer first SA2 comprehensively specifies UDR support for Policy Data for inbound roamers, before proceeding with the stage 3 implementation.

Nokia: I do not think the current stage 2 text is “inconsistent” because of the following:

1) The fact that the procedure of 4.16.4 does not explicitly refer to “Application data”, but rather to “subscription related information” means that the statement covers “Policy data” as well.

2) A reserved SUPI could be used as key for entries for an HPLMN. Indeed HPLMN entries might have not been “in the head” of the stage 2 people when the table of 5.2.12.2 was written, but even so, the procedures require that the V-PCF talks to the V-UDR for “subscription related data” and 5.2.12.2 provides a way for implementing “per HPLMN SM Policy data”, so we can implement it.

I personally believe that we can solve the issue directly in stage 3. What do you think?

Ericsson: I’m afraid we will be taking many assumptions about what is “in the head” of the stage 2 people, when it could have been actually written it in the specs.

From Ericsson point of view, local configuration in the V-PCF is enough to solve the handling of PDU session policy subscription data for in-bound roamers, being unnecessary a UDR based solution. That’s the reason why the interpretation that comes to our minds when reading current SA2 text is that it might be actually not required, and so, we’d prefer to go ahead with the stage 3 implementation when SA2 is consistent/complete.

Nokia: I see your point. LS to SA2 ok for you?

Ericsson: I’d rather this initiative is taken individually by Nokia in SA2 than collectively by CT3, considering that so far it seems this discussion only concerns the opposing views from Ericsson and Nokia.

Of course, if other companies show their willingness to deal with it collectively and prefer to involve SA2 as CT3 group, I will not object.

Huawei: think that sending an LS to SA2 would be fine in order to make sure that a discussion in SA2 on this topic happens and that a clear reply is provided to CT3. The discussion was triggered in CT3 anyway, based on a provision in SA2 specs that CT3 considers not clear enough. This being said, we (Huawei) are open to both approaches.

Just a quick question on the CRs for my personal understanding, is changing the presence condition of attributes BC?

Nokia: It depends on the kind of change of presence condition.

In this case I was not even sure if the presence condition needs to be made “C”, because we do not make it a “conditionally required” parameter, but a “conditionally not applicable” parameter (and maybe in this case “O” is also fine?).

With this in mind, note that the change is also accompanied by feature control, because the case in which the parameter is not applicable exists only when the introduced feature is supported.

All in all, I think this change is BC.

**Decision:** The document was **postponed**.

**C3-211093 Additional Termination Causes for Spending Limit Control subscriptions**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0074 Cat: B (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Abstract:**

Additional Termination Causes for Spending Limit Control subscriptions

**Discussion:**

This CR introduces a backwards compatible correction to the OpenAPI file.

Ericsson: In principle, Ericsson would be ok with extending the specified Termination Causes with new ones, if necessary.

However, we don't really understand the new proposed Termination Causes, and their associated behaviour, and we need further clarifications/discussions to determine how to proceed with this CR:

• Why, if there is a subscription limit, it is not checked during the subscription creation? It might be better to reject the creation of a subscription than to notify a subscription removal.

• What is the expected behavior in the PCF after receiving a termination cause with other causes than REMOVED\_SUBSCRIBER? I assume that whenever a termination is notified, the PCF should revaluate policies without considering CHF counter status and e.g. update SMF accordingly. But how long would this “disconnection” with the CHF would last if we define other termination causes than REMOVED\_SUBSCRIBER? when should the PCF contact again the CHF (for the same SUPI and PDU session)?, or?

Nokia: For the case of UE\_SUBSCRIPTIONS\_LIMIT, if the subscription creation is done by PCF1 and the subscription to be terminated belongs to PCF2, then it has to be a Notify. For the UE\_PCF\_SUBSCRIPTIONS\_LIMIT, we could consider sending info about the subscription to be terminated (be it the new one or an old one) in the response, but we preferred to have the Notify option here as well (of course, rejecting a Subscribe is also always possible).

With regard to your second point, I need to check but I think that the “expected behaviour” is to i) remove the subscription and keep working based on the rest of the subscriptions that it has for this UE or do whatever it would do if it had no subscription at the first place (i.e., re-subscribe) or ii) not remove the subscription at the first place and see what happens (potentially getting its next subscriptions requests rejected).

The main point is that the limits exist and can be exceeded anyway, so the current solution is to just send a termination notification without TermCause (which is possible as the TermCause is “O” but generates bigger question marks with regard to the “expected behaviour”). So let me turn the question back:

What is the expected PCF behaviour if it receives a termination notification without a TermCause?

Huawei: For the UE\_PCF\_SUBSCRIPTIONS\_LIMIT, a problem is if there is limits exist, how CHF get known the limits is exceeded, since now CHF have no information regarding which PCF initiates a subscription.

Nokia: I understand that this is deployment/implementation-specific and there can be deployments in which the CHF can extract this information from the request and maintain such limits.

Huawei: Have a look at the following information defined in TS29.594 to be include in the subscription establishment/update:

supi

gpsi

policyCounterIds

notifUri

expiry

supportedFeatures

from which parameter the CHF could extract the initiating PCF?

What is more, as your explanation the limit control procedure is:

1) limit number provision

2) CHF determine the limit is exceeded

3) CHF send notification to PCF

4) PCF take some corresponding action

all Step1, 2, 4 is implementation depend. I have to say it is too ambiguous and incorporation issue would be resulted.

And share the same view with Ericsson that for limit control, a reject response for subscription establishment request is more logical.

Nokia:

In certain deployments/implementations, the information can be extracted from the notifUri. In any case, maybe we can put this aside and focus first on UE\_SUBSCRIPTIONS\_LIMIT.

And yet those that have to implement it are missing an important feature in step 3 in order to be able to implement it. I am not sure I understood what is meant with “incorporation issue”.

Ericsson:

For the removal of oldest entries: this need is captured with the “expiry” attribute (i.e., the capability to negotiate for how long a subscription will be kept alive).

On operator using their own criteria: I also agree with it. But implementation-specific criteria are out of our standardization business. Mainly because there might be as many implementation-specific criteria as people involved in each specific discussion.

On making custom options implementable: custom options are implementable from the moment it is not mandated a Termination Cause. Mind that UE\_SUBSCRIPTIONS\_LIMIT, UE\_PCF\_SUBSCRIPTIONS\_LIMIT seems a very particular criteria.

Huawei:

With regards to how to extract the information: If you mean the FQDN or IP address in notifUri, it doesn’t work in the most scenario one PCF have multiple FQDNs or IP addresses.

Vendors may have different understanding and then different implementation, if standard has term cause with no any specific action which it’ s unclear and incomplete enough as a solution. My view is that it’s better to have non-standardize term cause, or standardize term cause with clear expected action.

Nokia:

Ok, but the new TermCauses are optional. Again, if you see this as a problem, we can live with specifying only the UE\_SUBSCRIPTIONS\_LIMIT.

It is fine for us to require the PCF to remove the subscription (unless error occurs), i.e., exactly the same behavior as with REMOVED\_SUBSCRIBER. We just have to add something like “Independently of the TermCause” in front of the two paragraphs that currently specify the PCF behavior.

Ericsson requests more time to check.

Ericsson: After further checking it, we have identified further concerns in this CR.

I understand there are limits in the CHF, which are implementation/deployment specific, which may control the maximum number of subscriptions to spending limits counters that are allow in the CHF.

And depending on the deployment, these limits can be per UE, per PCF and UE, per… other parameters.

When these limits are reached, the CHF capacity for handling requests might be in risk.

These limits are defined because most of the times the excess of subscriptions in CHF is due to obsolete ones are not properly removed (e.g. subscription termination requests are lost), right?

In these situations, to silently discard the removed subscriptions is a much more efficient solution, reducing the signaling, and the complexity in the CHF and the PCF.

With these concerns in mind, our opinion is that the extension of termination causes should be postponed, and maybe could be discussed in the future for other scenarios, if necessary.

Nokia: I disagree with these arguments because:

Firstly, I don’t believe that silent discarding is ALWAYS better. Can you justify it? The PCF may keep “waiting” for messages if the discarding happens to be done to subscriptions that were not obsolete.

Secondly, the CR does not prevent implementations that do silent discarding.

Huawei: In my point of view, with UE\_PCF\_SUBSCRIPTIONS\_LIMIT removed would make this CR better, since the limit per PCF is hard to be performed because of PCF information absence in request message.

And if the limit per UE excess is for the obsolete subscription, in my understanding the subscription will transform to be inactive without any interaction as SubscriptionExpirationTimeControl mechanism. If it’s for non-obsolete ones, can you provide more clear requirement?

Nokia: A CHF, not knowing which subscriptions are obsolete, and preferring to remove, say, the oldest subscriptions, might send a termination notification to a PCF about an old but non-obsolete subscription. The PCF shall remove that subscription, but -contrary to the silent discarding solution- it will know that it has to re-subscribe (potentially leading to the next termination notification, which will hopefully “hit” an obsolete subscription this time).

But this is only one usage scenario. The bottom line is that IMHO the only thing that changes with this CR is that SOME implementations will send a termination notification with a termCause referring to the LIMIT instead of sending a termination notification without a termCause. The additional information may be used by the PCF to decide if, when, and how to re-subscribe or for other implementation-specific purposes that should not harm anyone…

Ericsson: From the discussion I understand that these new termination causes allow operator/implementation specific actions in the PCF based on the received termination cause. But since these PCF specific actions, operator/implementation specific, will remain unspecified, I don’t see any advantage in specifying these two new termination causes. They could remain unspecified. Implementations could define them, and use them, and still keep compliance with the specification.

I’m worried about the increase in PCF complexity because of handling very uncommon error situations, for which different operators may desire different behaviour.

Note that based on counter status info it is possible to request to the PCF any specific behaviour for the ongoing sessions.

Nokia: I believe that specifying the proposed termCause would help the operators perform better debugging and the vendors enhance their PCF (re-)subscription logic, but I guess we can close the discussion here, unless you change your mind tomorrow and see a benefit in adding this.

**Decision:** The document was **postponed**.

**C3-211097 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0017 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211480**.

**C3-211480 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0017 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211097)

**Decision:** The document was **agreed**.

**C3-211098 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0160 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211481**.

**C3-211481 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0160 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211098)

**Decision:** The document was **agreed**.

**C3-211099 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0125 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211100 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0691 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211482**.

**C3-211482 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0691 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211100)

**Decision:** The document was **agreed**.

**C3-211101 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0283 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211483**.

**C3-211483 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0283 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211101)

**Decision:** The document was **agreed**.

**C3-211102 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.517 v17.0.0 CR-0033 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211103 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0235 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211104 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0256 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211105 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0097 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211106 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.523 v17.1.0 CR-0043 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211107 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0148 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211484**.

**C3-211484 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0148 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211107)

**Decision:** The document was **agreed**.

**C3-211108 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0069 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211109 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0015 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211485**.

**C3-211485 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0015 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211109)

**Decision:** The document was **agreed**.

**C3-211110 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0035 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211486**.

**C3-211486 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0035 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211110)

**Decision:** The document was **agreed**.

**C3-211111 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0075 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211487**.

**C3-211487 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0075 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211111)

**Decision:** The document was **agreed**.

**C3-211112 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0021 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211488**.

**C3-211488 Adding some missing description fields to data type definitions in OpenAPI specification files**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0021 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211112)

**Decision:** The document was **agreed**.

**C3-211113 Removal of the NwdafFailureCode data type from the Nnwdaf\_AnalyticsInfo API**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0257 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211568 Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0352 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211115)

**Decision:** The document was **agreed**.

**C3-211173 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0284 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211174 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0059 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211175 Support of optional HTTP custom header fields**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0022 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211176 Terminology alignment: usage of "NF service consumer"**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0285 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211177 Terminology alignment: usage of "NF service consumer"**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0060 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211178 Terminology alignment: usage of "NF service consumer"**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0023 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211179 OpenAPI reference**

*Type: CR For: Agreement  
 29.554 v16.5.0 CR-0061 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211183 NF service consumer terminology**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0723 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211489**.

**C3-211489 NF service consumer terminology**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0723 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211183)

**Decision:** The document was **agreed**.

**C3-211184 Optional header clarification**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0724 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211192 Optional header clarification**

*Type: CR For: Agreement  
 29.517 v17.0.0 CR-0034 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211193 Optional header clarification**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0038 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211198 Discussion paper on the applicability of HTTP custom headers to Northbound APIs**

*Type: discussion For: Discussion  
 Source: Huawei*

**Decision:** The document was **noted**.

**C3-211199 Custom headers definition for Northbound APIs**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0356 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211490**.

**C3-211490 Custom headers definition for Northbound APIs**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0356 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211199)

**Decision:** The document was **agreed**.

**C3-211200 Corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.222 v16.5.0 CR-0165 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211491**.

**C3-211491 Corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.222 v16.5.0 CR-0165 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211200)

**Decision:** The document was **agreed**.

**C3-211201 Corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0018 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211202 Corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0016 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211492**.

**C3-211492 Corrections to HTTP custom headers handling for Northbound APIs**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0016 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211202)

**Decision:** The document was **agreed**.

**C3-211227 Custom header clarification**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0073 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211228 Terminology alignment usage of NF service consumer**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0074 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211493**.

**C3-211493 Terminology alignment usage of NF service consumer**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0074 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211228)

**Decision:** The document was **agreed**.

**C3-211314 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0076 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **revised to C3-211498**.

**C3-211498 Ambiguous concept of NF service consumer terminology**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0076 rev 1 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

(Replaces C3-211314)

**Decision:** The document was **agreed**.

**C3-211332 OpenAPI reference**

*Type: CR For: Agreement  
 29.222 v16.5.0 CR-0166 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211333 OpenAPI reference**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0019 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211334 OpenAPI reference**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0099 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211494**.

**C3-211494 OpenAPI reference**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0099 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, China Mobile Communications Group Co.,Ltd.*

(Replaces C3-211334)

**Decision:** The document was **agreed**.

**C3-211335 OpenAPI reference**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0017 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211336 OpenAPI reference**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0077 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211373 OpenAPI reference**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0100 Cat: F (Rel-17)  
  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **merged**.

**C3-211374 Applicability of HTTP custom headers from 29.500 in CAPIF**

*Type: discussion For: Discussion  
 29.222 v..  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **noted**.

**C3-211375 Applicability of HTTP custom headers from 29.500 in SEAL**

*Type: discussion For: Discussion  
 29.549 v..  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **noted**.

**C3-211469 LS on Session Management Policy Data per PLMN**

*Type: LS out For: Approval  
 to SA2  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **approved**.

### 17.5 IMS Stage-3 IETF Protocol Alignment [IMSProtoc17]

### 17.6 Study on enhanced IMS to 5GC Integration Phase 2 [FS\_eIMS5G2]

### 17.7 Authentication and key management for applications based on 3GPP credential in 5G [AKMA-CT]

**C3-211238 Scope update**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211239 Network Functions**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

**Decision:** The document was **revised to C3-211396**.

**C3-211396 Network Functions**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei, Ericsson, China Mobile*

(Replaces C3-211239)

**Decision:** The document was **agreed**.

**C3-211240 Custom operation URI correction**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

**Decision:** The document was **revised to C3-211377**.

**C3-211241 Add operationId and tags for register operation**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

**Decision:** The document was **revised to C3-211398**.

**C3-211398 Add operationId and tags for register operation**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

(Replaces C3-211241)

**Decision:** The document was **agreed**.

**C3-211242 Support Stateless NFs for Naanf\_AKMA API**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

**Decision:** The document was **revised to C3-211399**.

**C3-211399 Support Stateless NFs for Naanf\_AKMA API**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

(Replaces C3-211242)

**Decision:** The document was **agreed**.

**C3-211371 Clean up the editorial parts**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **revised to C3-211400**.

**C3-211400 Clean up the editorial parts**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: China Mobile Communications Group Co.,Ltd.*

(Replaces C3-211371)

**Decision:** The document was **agreed**.

**C3-211372 Update the Resource definition**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **revised to C3-211401**.

**C3-211401 Update the Resource definition**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: China Mobile, Huawei, Ericsson*

(Replaces C3-211372)

**Decision:** The document was **agreed**.

**C3-211377 Custom operation URI correction**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei*

(Replaces C3-211240)

**Decision:** The document was **revised to C3-211397**.

**C3-211397 Custom operation URI correction**

*Type: pCR For: Approval  
 29.535 v0.2.0  
 Source: Huawei, China Mobile, Ericsson*

(Replaces C3-211377)

**Decision:** The document was **agreed**.

**C3-211551 TS 29.535 v0.3.0**

*Type: draft TS For: Approval  
 29.535 v0.3.0  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **agreed**.

**C3-211615 Support Redirection for AKMA API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0251 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210374)

**Decision:** The document was **agreed**.

**C3-211646 Presentation Sheet for Approval TS 29.535**

*Type: TS or TR cover For: Approval  
 29.535 v..  
 Source: China Mobile Communications Group Co.,Ltd.*

**Decision:** The document was **agreed**.

### 17.8 CT aspects on PAP/CHAP protocols usage in 5GS [PAP/CHAP]

**C3-211085 5GS interworking with EPS for IPv4IPv6 Non-transparent access using PAPCHAP**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0085 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211500**.

**C3-211500 5GS interworking with EPS for IPv4IPv6 Non-transparent access using PAPCHAP**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0085 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211085)

**Decision:** The document was **agreed**.

**C3-211086 5GS interworking with EPS for PAP/CHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0086 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211501**.

**C3-211501 5GS interworking with EPS for PAP/CHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0086 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211086)

**Decision:** The document was **not pursued**.

**C3-211088 5GS interworking with EPS for PAP/CHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0087 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211502**.

**C3-211502 5GS interworking with EPS for PAP/CHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0087 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211088)

**Decision:** The document was **not pursued**.

**C3-211139 Update clarification for PAP/CHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0090 Cat: F (Rel-17)  
  
 Source: China Telecommunications,Huawei*

**Decision:** The document was **revised to C3-211616**.

**C3-211616 Update clarification for PAP/CHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0090 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications, Huawei, Ericsson*

(Replaces C3-211139)

**Decision:** The document was **agreed**.

**C3-211140 Update clarification for PAP/CHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0091 Cat: F (Rel-17)  
  
 Source: China Telecommunications, Huawei*

**Decision:** The document was **revised to C3-211617**.

**C3-211617 Update clarification for PAP/CHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0091 rev 1 Cat: F (Rel-17)  
  
 Source: China Telecommunications, Huawei, Ericsson*

(Replaces C3-211140)

**Decision:** The document was **agreed**.

**C3-211600 Update Descriptions for PAPCHAP in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0083 rev 2 Cat: F (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-210298)

**Decision:** The document was **agreed**.

**C3-211601 Update Descriptions for PAPCHAP in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0084 rev 2 Cat: F (Rel-17)  
  
 Source: Ericsson, China Telecom*

(Replaces C3-210299)

**Decision:** The document was **agreed**.

### 17.9 CT aspects for enabling Edge Applications [EDGEAPP]

**C3-211363 EDGEAPP - Workplan**

*Type: Work Plan For: Discussion  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **noted**.

**C3-211364 Pseudo-CR on Common design aspects**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-211503**.

**C3-211503 Pseudo-CR on Common design aspects**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-211364)

**Decision:** The document was **agreed**.

**C3-211365 Updated terms**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Intel /Thomas*

**Decision:** The document was **agreed**.

**C3-211366 Pseudo-CR on Eees\_EASRegistration service description**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-211504**.

**C3-211504 Pseudo-CR on Eees\_EASRegistration service description**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-211366)

**Decision:** The document was **agreed**.

**C3-211368 Pseudo-CR on Eees\_EASRegistration API definition**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-211505**.

**C3-211505 Pseudo-CR on Eees\_EASRegistration API definition**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-211368)

**Decision:** The document was **agreed**.

**C3-211369 Pseudo-CR on Eecs\_EESRegistration service description**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-211506**.

**C3-211506 Pseudo-CR on Eecs\_EESRegistration service description**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-211369)

**Decision:** The document was **agreed**.

**C3-211370 Pseudo-CR on Eecs\_EESRegistration API definition**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **revised to C3-211507**.

**C3-211507 Pseudo-CR on Eecs\_EESRegistration API definition**

*Type: pCR For: Approval  
 29.558 v0.1.0  
 Source: Samsung Electronics Iberia SA*

(Replaces C3-211370)

**Decision:** The document was **agreed**.

**C3-211508 TS 29.558 v0.2.0**

*Type: draft TS For: Approval  
 29.558 v0.2.0  
 Source: Samsung Electronics Iberia SA*

**Decision:** The document was **agreed**.

### 17.10 Reliable Data Service Serialization Indication [RDSSI]

### 17.11 CT aspects on Dynamically Changing AM Policies in the 5GC [TEI17\_DCAMP-CT]

### 17.12 N7 Interfaces Enhancements to Support GERAN and UTRAN [TEI17\_NIESGU-CT]

### 17.13 CT aspects on Dynamic Management of Group-based Event Monitoring [TEI17\_GEM-CT]

### 17.14 CT aspects on Same PCF Selection for AMF and SMF [TEI17\_SPSFAS-CT]

### 17.15 CT aspects of Access Traffic Steering, Switch and Splitting support in the 5G system architecture; Phase 2 [ATSSS\_Ph2-CT]

### 17.16 CT aspects of support of enhanced Industrial IoT [IIoT-CT]

### 17.17 CT aspects of Enhanced support of Non-Public Networks [eNPN-CT]

### 17.18 Enhancement of Network Slicing Phase 2 [eNS\_Ph2-CT]

### 17.19 CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking [ID\_UAS-CT]

### 17.20 CT Aspects of 5G eEDGE [eEDGE\_5GC-CT]

### 17.21 Technical Enhancements and Improvements [TEI17]

#### 17.21.1 TEI17 for IMS/CS

**C3-211138 Correction of the incorrect SIP header name and value**

*Type: CR For: Agreement  
 29.163 v16.4.0 CR-1075 Cat: F (Rel-17)  
  
 Source: NTT corporation*

**Decision:** The document was **revised to C3-211423**.

**C3-211423 Correction of the incorrect SIP header name and value**

*Type: CR For: Agreement  
 29.163 v16.4.0 CR-1075 rev 1 Cat: F (Rel-17)  
  
 Source: NTT corporation*

(Replaces C3-211138)

**Decision:** The document was **agreed**.

#### 17.21.2 TEI17 for Packet Core

**C3-211057 Support of stateless NFs**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0016 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **withdrawn**.

**C3-211058 Clarification of backup AMF address**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0157 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **postponed**.

**C3-211059 Clarification of backup AMF address**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0145 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **postponed**.

**C3-211060 Clarification of update operation**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0158 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211409**.

**C3-211409 Clarification of update operation**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0158 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211060)

**Decision:** The document was **agreed**.

**C3-211061 Clarification of update operation**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0146 Cat: B (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211410**.

**C3-211410 Clarification of update operation**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0146 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211061)

**Decision:** The document was **agreed**.

**C3-211075 Support of stateless NFs**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0014 rev 2 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-210347)

**Decision:** The document was **revised to C3-211499**.

**C3-211499 Support Redirection for V2XAPP APIs**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0014 rev 3 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211075)

**Decision:** The document was **agreed**.

**C3-211089 5GS interworking with EPS for EAP based secondary AUTH n in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0088 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211618**.

**C3-211618 5GS interworking with EPS for EAP based secondary AUTH n in RADIUS message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0088 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211089)

**Decision:** The document was **agreed**.

**C3-211090 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0089 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211619**.

**C3-211619 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0089 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211090)

**Decision:** The document was **agreed**.

**C3-211116 Additional corrections to the Npcf\_SMPolicyControl\_Create service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0692 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211411**.

**C3-211411 Additional corrections to the Npcf\_SMPolicyControl\_Create service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0692 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211116)

**Decision:** The document was **agreed**.

**C3-211117 Miscellaneous corrections to the Npcf\_SMPolicyControl\_Delete service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0693 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211412**.

**C3-211412 Miscellaneous corrections to the Npcf\_SMPolicyControl\_Delete service operation**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0693 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211117)

**Decision:** The document was **agreed**.

**C3-211118 Miscellaneous corrections to the Provisioning and Enforcement of Policy Decisions clause**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0694 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211413**.

**C3-211413 Miscellaneous corrections to the Provisioning and Enforcement of Policy Decisions clause**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0694 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211118)

**Decision:** The document was **agreed**.

**C3-211119 Miscellaneous corrections to the data types defined in the Npcf\_SMPolicyControl API**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0695 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211414**.

**C3-211414 Miscellaneous corrections to the data types defined in the Npcf\_SMPolicyControl API**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0695 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211119)

**Decision:** The document was **agreed**.

**C3-211120 Corrections of a reference to an non-existent subclause**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0696 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211121 Corrections to the P-CSCF restoration indication mechanism**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0697 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211415**.

**C3-211415 Corrections to the P-CSCF restoration indication mechanism**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0697 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211121)

**Decision:** The document was **agreed**.

**C3-211122 Reference to the wrong attribute name for the QoS Monitoring Decision**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0698 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211416**.

**C3-211416 Reference to the wrong attribute name for the QoS Monitoring Decision**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0698 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211122)

**Decision:** The document was **agreed**.

**C3-211123 Missing data type in the Nnwdaf\_EventsSubscription specific Data Types table**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0258 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211124 Wrong description of the EventFilter data type in the Nnwdaf\_AnalyticsInfo specific Data Types table**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0259 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211125 Missing data type in the Npcf\_EventExposure specific Data Types table**

*Type: CR For: Agreement  
 29.523 v17.1.0 CR-0044 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211126 Adding description fields to the data types in the Nnef\_EventExposure specific and reused Data Types tables**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0036 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211403**.

**C3-211403 Adding description fields to the data types in the Nnef\_EventExposure specific and reused Data Types tables**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0036 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211126)

**Decision:** The document was **agreed**.

**C3-211127 Specifying the Applicability field for some data types in the Nnef\_EventExposure Data Types tables**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0037 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211402**.

**C3-211402 Specifying the Applicability field for some data types in the Nnef\_EventExposure Data Types tables**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0037 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei, Ericsson*

(Replaces C3-211127)

**Decision:** The document was **agreed**.

**C3-211128 Text style correction**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0353 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211404**.

**C3-211404 Text style correction**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0353 rev 1 Cat: D (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211128)

**Decision:** The document was **agreed**.

**C3-211137 Corrections to the applicability column of the SmPolicyDeleteData data type**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0707 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211597 Correction to table 7.4.1**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0242 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211157)

**Decision:** The document was **agreed**.

**C3-211180 Correcting the receiver of HTTP DELETE request**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0024 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211391 Supported features within ProblemDetails**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0355 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211186)

**Decision:** The document was **agreed**.

**C3-211599 Correction to Network data analytics Unsubscribe procedure**

*Type: CR For: Agreement  
 29.513 v17.1.0 CR-0250 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211215)

**Decision:** The document was **agreed**.

**C3-211222 deactivationTime for time conditioned session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0734 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211417**.

**C3-211417 deactivationTime for time conditioned session rule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0734 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211222)

**Decision:** The document was **agreed**.

**C3-211223 Remove exUsagePccRuleIds from PCC rule definition**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0735 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211620**.

**C3-211620 Remove exUsagePccRuleIds from PCC rule definition**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0735 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211223)

**Decision:** The document was **agreed**.

**C3-211224 same UsageMonitoringData referenced by time-conditioned sessionRule**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0736 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **merged**.

**C3-211225 PUT method for Exposure Data modification**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0242 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211390**.

**C3-211226 Correction to Traffic Influence procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0275 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **revised to C3-211405**.

**C3-211405 Correction to Traffic Influence procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0275 rev 1 Cat: F (Rel-17)  
  
 Source: ZTE*

(Replaces C3-211226)

**Decision:** The document was **agreed**.

**C3-211588 Notification URI Correction for AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0359 rev 1 Cat: F (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211253)

**Decision:** The document was **agreed**.

**C3-211254 Update procedure of TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0278 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **revised to C3-211406**.

**C3-211406 Update procedure of TrafficInfluence API**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0278 rev 1 Cat: B (Rel-17)  
  
 Source: Huawei*

(Replaces C3-211254)

**Decision:** The document was **agreed**.

**C3-211312 SUCCESSFUL\_RESOURCES\_ALLOCATION**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0300 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **not pursued**.

**C3-211320 5GC Support of DHCP signalling for RG**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0092 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211408**.

**C3-211408 5GC Support of DHCP signalling for RG**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0092 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211320)

**Decision:** The document was **agreed**.

**C3-211321 Reporting GCI to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0093 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211602**.

**C3-211322 Reporting GCI to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0094 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211605**.

**C3-211323 Support IPv4v6 dual stack BMSC Address**

*Type: CR For: Agreement  
 29.468 v16.0.0 CR-0057 Cat: B (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211407**.

**C3-211407 Support IPv4v6 dual stack BMSC Address**

*Type: CR For: Agreement  
 29.468 v16.0.0 CR-0057 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211323)

**Decision:** The document was **agreed**.

**C3-211338 Reporting FQDN of CHF to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0079 rev 2 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210288)

**Decision:** The document was **revised to C3-211621**.

**C3-211621 Reporting FQDN of CHF to RADIUS DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0079 rev 3 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211338)

**Decision:** The document was **agreed**.

**C3-211339 Reporting FQDN of CHF to Diameter DN-AAA server**

*Type: CR For: Agreement  
 29.561 v17.0.0 CR-0080 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210244)

**Decision:** The document was **agreed**.

**C3-211340 Updates to Application Identifier in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0341 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210235)

**Decision:** The document was **postponed**.

**C3-211341 Updates to Application Identifier in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0342 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210236)

**Decision:** The document was **postponed**.

**C3-211350 Update DNN and S-NSSAI in ChargeableParty API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0347 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210262)

**Decision:** The document was **postponed**.

**C3-211351 Update DNN and S-NSSAI in ChargeableParty procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0270 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210263)

**Decision:** The document was **postponed**.

**C3-211352 Update DNN and S-NSSAI in AsSessionWithQoS API**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0348 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210264)

**Decision:** The document was **postponed**.

**C3-211354 Update DNN and S-NSSAI in AsSessionWithQoS API procedure**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0271 rev 1 Cat: B (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-210265)

**Decision:** The document was **postponed**.

**C3-211355 Correction to Service Area Restrictions**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0163 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211419**.

**C3-211419 Correction to Service Area Restrictions**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0163 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211355)

**Decision:** The document was **agreed**.

**C3-211360 Correction on UE initiated PDU session modification**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0742 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211420**.

**C3-211420 Correction on UE initiated PDU session modification**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0742 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211360)

**Decision:** The document was **agreed**.

**C3-211361 Correction to conditioned rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0743 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211421**.

**C3-211421 Correction to conditioned rules**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0743 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211361)

**Decision:** The document was **agreed**.

**C3-211362 Correction to Usage Monitoring**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0744 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211418**.

**C3-211418 Correction to Usage Monitoring**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0744 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson, ZTE*

(Replaces C3-211362)

**Decision:** The document was **agreed**.

**C3-211367 Clarification about handling of valid unreferred policy decisions**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0745 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **revised to C3-211422**.

**C3-211422 Clarification about handling of valid unreferred policy decisions**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0745 rev 1 Cat: F (Rel-17)  
  
 Source: Ericsson*

(Replaces C3-211367)

**Decision:** The document was **agreed**.

### 17.22 OpenAPI version updates

**C3-211532 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.512 v17.1.0 CR-0748 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211533 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.551 v17.1.0 CR-0076 Cat: F (Rel-17)  
  
 Source: ZTE*

**Decision:** The document was **agreed**.

**C3-211534 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.122 v17.0.0 CR-0389 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211535 Update of TS version in externalDocs field**

*Type: CR For: Agreement  
 29.519 v17.1.0 CR-0248 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211536 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.520 v17.1.0 CR-0267 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **agreed**.

**C3-211537 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.507 v17.1.0 CR-0165 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211538 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.525 v17.1.0 CR-0152 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211539 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.594 v16.4.0 CR-0079 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211540 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.523 v17.1.0 CR-0045 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211541 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.486 v16.2.0 CR-0020 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211542 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.508 v17.1.0 CR-0130 Cat: F (Rel-17)  
  
 Source: Nokia, Nokia Shanghai Bell*

**Decision:** The document was **agreed**.

**C3-211543 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.514 v16.7.0 CR-0292 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211544 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.517 v17.0.0 CR-0038 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211545 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.521 v16.6.0 CR-0102 Cat: F (Rel-17)  
  
 Source: China Mobile Com. Corporation*

**Decision:** The document was **agreed**.

**C3-211546 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.549 v16.2.0 CR-0018 Cat: F (Rel-17)  
  
 Source: Samsung Electronics*

**Decision:** The document was **agreed**.

**C3-211547 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.591 v17.0.0 CR-0042 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211548 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.675 v17.1.0 CR-0025 Cat: F (Rel-17)  
  
 Source: Ericsson*

**Decision:** The document was **agreed**.

**C3-211549 Update of OpenAPI version and TS version in externalDocs field**

*Type: CR For: Agreement  
 29.522 v17.0.0 CR-0308 Cat: F (Rel-17)  
  
 Source: Huawei*

**Decision:** The document was **agreed**.

**C3-211550 Discussion Rel-15, Rel-16 & Rel-17 OpenAPI version update of Nudr\_DataRepository API**

*Type: discussion For: discussion  
 Source: Huawei*

**Decision:** The document was **noted**.

### 17.23 Inclusive language in TSs & TRs

**C3-211023 Status of CT3 TR/TSs for the handling of Inclusive language**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

## 18 Work Organisation

### 18.1 Work Plan Review

**C3-211012 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

**Decision:** The document was **revised to C3-211636**.

**C3-211636 Status of CT3 Work Items**

*Type: Work Plan For: Information  
 Source: CT3 chairman*

(Replaces C3-211012)

**Decision:** The document was **noted**.

**C3-211014 WI status report from MCC**

*Type: Work Plan For: Information  
 Source: MCC*

**Decision:** The document was **noted**.

### 18.2 Specification Review

### 18.3 Next meetings, allocation of hosts

### 18.4 Calendar

**C3-211015 Meeting Calendar**

*Type: other For: Information  
 Source: MCC*

**Decision:** The document was **noted**.

## 19 Joint Sessions

**C3-211026 Minutes CT1-CT3 joint session on collaboration on EDGEAPP**

*Type: other For: Information  
 Source: CT3 chairman*

**Decision:** The document was **noted**.

## 20 Summary of results

## 21 Any other business

## 22 Closing of the meeting

Report prepared by: Hao Jing

## Annex A: Contribution documents and status

### A1: List of TDocs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Decision | Replaces | Replaced by |
| * C3-211000 | * Draft Agenda for the CT3#114 e-Meeting | * CT3 chairman | * revised |  | * C3-211034 |
| * C3-211001 | * INFO Proposed Schedule for CT3#114e | * CT3 chairman | * noted |  |  |
| * C3-211002 | * Allocation of documents to agenda items (at Deadline) | * CT3 chairman | * noted |  |  |
| * C3-211003 | * Allocation of documents to agenda items (Start of Day 1) | * CT3 chairman | * noted |  |  |
| * C3-211004 | * Allocation of documents to agenda items (Start of Day 2) | * CT3 chairman | * noted |  |  |
| * C3-211005 | * Allocation of documents to agenda items (Start of Day 3) | * CT3 chairman | * noted |  |  |
| * C3-211006 | * Allocation of documents to agenda items (Start of Day 4) | * CT3 chairman | * noted |  |  |
| * C3-211007 | * Allocation of documents to agenda items (Start of Day 5) | * CT3 chairman | * noted |  |  |
| * C3-211008 | * Allocation of documents to agenda items (Start of Day 6) | * CT3 chairman | * noted |  |  |
| * C3-211009 | * Allocation of documents to agenda items (Start of Day 7) | * CT3 chairman | * noted |  |  |
| * C3-211010 | * Allocation of documents to agenda items (Start of Day 8) | * CT3 chairman | * noted |  |  |
| * C3-211011 | * Allocation of documents to agenda items (End of Day 8) | * CT3 chairman | * noted |  |  |
| * C3-211012 | * Status of CT3 Work Items | * CT3 chairman | * revised |  | * C3-211636 |
| * C3-211013 | * Minutes of CT3#113e | * MCC | * approved |  |  |
| * C3-211014 | * WI status report from MCC | * MCC | * noted |  |  |
| * C3-211015 | * Meeting Calendar | * MCC | * noted |  |  |
| * C3-211016 | * Way of Working for CT3#114e Electronic Meeting | * CT3 chairman | * revised |  | * C3-211387 |
| * C3-211017 | * Reference update: RFC 8841 | * Ericsson | * agreed |  |  |
| * C3-211018 | * Reference update: RFC 8841 | * Ericsson | * agreed |  |  |
| * C3-211019 | * Reference update: RFC 8841 | * Ericsson | * agreed |  |  |
| * C3-211020 | * Reference update: RFC 8841 | * Ericsson | * agreed |  |  |
| * C3-211021 | * Reference update: RFC 8841 | * Ericsson | * agreed |  |  |
| * C3-211022 | * Reference update: RFC 8841 | * Ericsson | * agreed |  |  |
| * C3-211023 | * Status of CT3 TR/TSs for the handling of Inclusive language | * CT3 chairman | * noted |  |  |
| * C3-211024 | * Reply LS on APIs in EDGEAPP | * CT1 | * noted |  |  |
| * C3-211025 | * Enhancement to the 5GC Location Services - Phase 2 | * CATT | * revised |  | * C3-211383 |
| * C3-211026 | * Minutes CT1-CT3 joint session on collaboration on EDGEAPP | * CT3 chairman | * noted |  |  |
| * C3-211027 | * LS on the Security consideration to support L2TP with CUPS | * CT4 | * noted |  |  |
| * C3-211028 | * LS on UDR Restoration | * CT4 | * noted |  |  |
| * C3-211029 | * LS on Feedback on Key Issue #1 "Enhancements to Support SNPN along with credentials owned by an entity separate from the SNPN" | * SA3 | * noted |  |  |
| * C3-211030 | * Reply-LS on Support of L2TP on SGi/N6 with Control and User Plane Separation | * SA3 | * noted |  |  |
| * C3-211031 | * Clarification on optional HTTP custom headers | * Nokia, Nokia Shanghai Bell | * agreed |  |  |
| * C3-211032 | * Clarification on optional HTTP custom headers | * Nokia, Nokia Shanghai Bell | * agreed |  |  |
| * C3-211033 | * Clarification on optional HTTP custom headers | * Nokia, Nokia Shanghai Bell | * agreed |  |  |
| * C3-211034 | * Draft Agenda for the CT3#114 e-Meeting | * CT3 chairman | * noted | * C3-211000 |  |
| * C3-211035 | * Support of stateless NFs | * Huawei | * withdrawn |  |  |
| * C3-211036 | * Support of stateless NFs | * Huawei | * withdrawn |  |  |
| * C3-211037 | * Correction to traffic correlation indication | * Huawei | * revised |  | * C3-211573 |
| * C3-211038 | * Correction to traffic correlation indication | * Huawei | * revised |  | * C3-211574 |
| * C3-211039 | * Correction to DDD status event detection | * Huawei | * revised |  | * C3-211566 |
| * C3-211040 | * Correction to DDD status event detection | * Huawei | * revised |  | * C3-211567 |
| * C3-211041 | * Correction to DDD status event subscription | * Huawei | * agreed |  |  |
| * C3-211042 | * Correction to DDD status event subscription | * Huawei | * agreed |  |  |
| * C3-211043 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211044 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211045 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211046 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211047 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211048 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211049 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * withdrawn |  |  |
| * C3-211050 | * Policy control for redundant PDU session | * Huawei | * withdrawn |  |  |
| * C3-211051 | * Policy control for redundant PDU session | * Huawei | * withdrawn |  |  |
| * C3-211052 | * Error handling of 29.486 | * Huawei | * agreed |  |  |
| * C3-211053 | * Correction to the name of custom operation | * Huawei | * agreed |  |  |
| * C3-211054 | * Overall description of notification push | * Huawei | * revised |  | * C3-211612 |
| * C3-211055 | * Procedure of notification push update | * Huawei | * withdrawn |  |  |
| * C3-211056 | * Procedure of partial pull | * Huawei | * withdrawn |  |  |
| * C3-211057 | * Support of stateless NFs | * Huawei | * withdrawn |  |  |
| * C3-211058 | * Clarification of backup AMF address | * Huawei | * postponed |  |  |
| * C3-211059 | * Clarification of backup AMF address | * Huawei | * postponed |  |  |
| * C3-211060 | * Clarification of update operation | * Huawei | * revised |  | * C3-211409 |
| * C3-211061 | * Clarification of update operation | * Huawei | * revised |  | * C3-211410 |
| * C3-211062 | * Support of stateless NFs | * Huawei | * agreed | * C3-210352 |  |
| * C3-211063 | * Support of stateless NFs | * Huawei | * agreed | * C3-210353 |  |
| * C3-211064 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * revised | * C3-210398 | * C3-211575 |
| * C3-211065 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * revised | * C3-210399 | * C3-211576 |
| * C3-211066 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-210430 |  |
| * C3-211067 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-210383 |  |
| * C3-211068 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-210384 |  |
| * C3-211069 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-210385 |  |
| * C3-211070 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * revised | * C3-210435 | * C3-211577 |
| * C3-211071 | * Policy control for redundant PDU session | * Huawei | * merged | * C3-210092 |  |
| * C3-211072 | * Policy control for redundant PDU session | * Huawei | * merged | * C3-210093 |  |
| * C3-211073 | * Procedure of notification push update | * Huawei | * revised | * C3-210280 | * C3-211392 |
| * C3-211074 | * Procedure of partial pull | * Huawei | * revised | * C3-210281 | * C3-211393 |
| * C3-211075 | * Support of stateless NFs | * Huawei | * revised | * C3-210347 | * C3-211499 |
| * C3-211076 | * New WID on CT aspects of Enhancement for Proximity based Services in 5GS | * CATT, OPPO | * revised | * C3-210272 | * C3-211384 |
| * C3-211077 | * LS on Server Domain Name Usage for Application Traffic Detection | * SA4 | * postponed |  |  |
| * C3-211078 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * revised |  | * C3-211495 |
| * C3-211079 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * revised |  | * C3-211496 |
| * C3-211080 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * revised |  | * C3-211497 |
| * C3-211081 | * Discussion on BEPoP L2TP impacts to CT3 | * Ericsson | * noted |  |  |
| * C3-211082 | * Revised WID on BEst Practice of PFCP | * Ericsson | * endorsed |  |  |
| * C3-211083 | * Adding network slice instance load level information | * China Telecom, Huawei | * revised |  | * C3-211553 |
| * C3-211084 | * Adding network slice instance load level information | * China Telecom, Huawei | * revised |  | * C3-211554 |
| * C3-211085 | * 5GS interworking with EPS for IPv4IPv6 Non-transparent access using PAPCHAP | * Ericsson | * revised |  | * C3-211500 |
| * C3-211086 | * 5GS interworking with EPS for PAP/CHAP in RADIUS message flow | * Ericsson | * revised |  | * C3-211501 |
| * C3-211087 | * New WID on CT aspects of the architectural enhancements for 5G multicast-broadcast services | * Huawei | * postponed |  |  |
| * C3-211088 | * 5GS interworking with EPS for PAP/CHAP in Diameter message flow | * Ericsson | * revised |  | * C3-211502 |
| * C3-211089 | * 5GS interworking with EPS for EAP based secondary AUTH n in RADIUS message flow | * Ericsson | * revised |  | * C3-211618 |
| * C3-211090 | * 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | * Ericsson | * revised |  | * C3-211619 |
| * C3-211091 | * Add Session Management Policy Data per PLMN to be used in VPLMN for HPLMNs | * Nokia, Nokia Shanghai Bell | * postponed |  |  |
| * C3-211092 | * Additional subscription parameters for filtering of PFD notifications in push mode | * Nokia, Nokia Shanghai Bell | * postponed |  |  |
| * C3-211093 | * Additional Termination Causes for Spending Limit Control subscriptions | * Nokia, Nokia Shanghai Bell | * postponed |  |  |
| * C3-211094 | * New WID on Enablers for Network Automation for 5G - phase 2 | * China Mobile, Huawei | * revised |  | * C3-211385 |
| * C3-211095 | * New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | * Qualcomm Incorporated | * revised | * C3-210373 | * C3-211582 |
| * C3-211096 | * Revised WID on CT aspects of 5GC architecture for satellite networks | * Qualcomm Incorporated | * revised |  | * C3-211608 |
| * C3-211097 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211480 |
| * C3-211098 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211481 |
| * C3-211099 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211100 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211482 |
| * C3-211101 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211483 |
| * C3-211102 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211103 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211104 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211105 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211106 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211107 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211484 |
| * C3-211108 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed |  |  |
| * C3-211109 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211485 |
| * C3-211110 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211486 |
| * C3-211111 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211487 |
| * C3-211112 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * revised |  | * C3-211488 |
| * C3-211113 | * Removal of the NwdafFailureCode data type from the Nnwdaf\_AnalyticsInfo API | * Huawei | * agreed |  |  |
| * C3-211114 | * Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file | * Huawei | * not pursued |  |  |
| * C3-211115 | * Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file | * Huawei | * revised |  | * C3-211568 |
| * C3-211116 | * Additional corrections to the Npcf\_SMPolicyControl\_Create service operation | * Huawei | * revised |  | * C3-211411 |
| * C3-211117 | * Miscellaneous corrections to the Npcf\_SMPolicyControl\_Delete service operation | * Huawei | * revised |  | * C3-211412 |
| * C3-211118 | * Miscellaneous corrections to the Provisioning and Enforcement of Policy Decisions clause | * Huawei | * revised |  | * C3-211413 |
| * C3-211119 | * Miscellaneous corrections to the data types defined in the Npcf\_SMPolicyControl API | * Huawei | * revised |  | * C3-211414 |
| * C3-211120 | * Corrections of a reference to an non-existent subclause | * Huawei | * agreed |  |  |
| * C3-211121 | * Corrections to the P-CSCF restoration indication mechanism | * Huawei | * revised |  | * C3-211415 |
| * C3-211122 | * Reference to the wrong attribute name for the QoS Monitoring Decision | * Huawei | * revised |  | * C3-211416 |
| * C3-211123 | * Missing data type in the Nnwdaf\_EventsSubscription specific Data Types table | * Huawei | * agreed |  |  |
| * C3-211124 | * Wrong description of the EventFilter data type in the Nnwdaf\_AnalyticsInfo specific Data Types table | * Huawei | * agreed |  |  |
| * C3-211125 | * Missing data type in the Npcf\_EventExposure specific Data Types table | * Huawei | * agreed |  |  |
| * C3-211126 | * Adding description fields to the data types in the Nnef\_EventExposure specific and reused Data Types tables | * Huawei | * revised |  | * C3-211403 |
| * C3-211127 | * Specifying the Applicability field for some data types in the Nnef\_EventExposure Data Types tables | * Huawei | * revised |  | * C3-211402 |
| * C3-211128 | * Text style correction | * Huawei | * revised |  | * C3-211404 |
| * C3-211129 | * Correction of a reference to the wrong attribute name for the reported presence reporting area information | * Huawei | * agreed |  |  |
| * C3-211130 | * Correction of a reference to the wrong attribute name for the reported presence reporting area information | * Huawei | * agreed |  |  |
| * C3-211131 | * Correction of a reference to the wrong attribute name for the reported presence reporting area information | * Huawei | * agreed |  |  |
| * C3-211132 | * Correction of some references to the repPolicyCtrlReqTriggers attribute | * Huawei | * merged |  |  |
| * C3-211133 | * Correction of some references to the repPolicyCtrlReqTriggers attribute | * Huawei | * merged |  |  |
| * C3-211134 | * Correction of some references to the repPolicyCtrlReqTriggers attribute | * Huawei | * merged |  |  |
| * C3-211135 | * Correction of the SteerModeValue attribute name in the Npcf\_SMPolicyControl specific Data Types table | * Huawei | * agreed |  |  |
| * C3-211136 | * Correction of the SteerModeValue attribute name in the Npcf\_SMPolicyControl specific Data Types table | * Huawei | * agreed |  |  |
| * C3-211137 | * Corrections to the applicability column of the SmPolicyDeleteData data type | * Huawei | * agreed |  |  |
| * C3-211138 | * Correction of the incorrect SIP header name and value | * NTT corporation | * revised |  | * C3-211423 |
| * C3-211139 | * Update clarification for PAP/CHAP in RADIUS message flow | * China Telecommunications,Huawei | * revised |  | * C3-211616 |
| * C3-211140 | * Update clarification for PAP/CHAP in Diameter message flow | * China Telecommunications, Huawei | * revised |  | * C3-211617 |
| * C3-211141 | * Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS | * China Telecommunications | * revised |  | * C3-211585 |
| * C3-211142 | * Correction to authDefQos attribute | * Huawei | * revised |  | * C3-211584 |
| * C3-211143 | * Correction to authDefQos attribute | * Huawei | * revised |  | * C3-211589 |
| * C3-211144 | * Correction to authDefQos attribute | * Huawei | * revised |  | * C3-211590 |
| * C3-211145 | * Correction to authorized explicitly signalled QoS Characteristics | * Huawei | * merged |  |  |
| * C3-211146 | * Correction to authorized explicitly signalled QoS Characteristics | * Huawei | * merged |  |  |
| * C3-211147 | * Correction to authorized explicitly signalled QoS Characteristics | * Huawei | * merged |  |  |
| * C3-211148 | * Discussion on GBR type of default QoS flow | * Huawei | * noted |  |  |
| * C3-211149 | * Correction to the GBR type of default QoS flow | * Huawei | * revised |  | * C3-211474 |
| * C3-211150 | * Correction to the GBR type of default QoS flow | * Huawei | * revised |  | * C3-211475 |
| * C3-211151 | * Correction to the GBR type of default QoS flow | * Huawei | * revised |  | * C3-211476 |
| * C3-211152 | * Determination of the default QoS flow | * Huawei | * revised |  | * C3-211477 |
| * C3-211153 | * Determination of the default QoS flow | * Huawei | * revised |  | * C3-211478 |
| * C3-211154 | * Determination of the default QoS flow | * Huawei | * revised |  | * C3-211479 |
| * C3-211155 | * Correction to table 7.4.1 | * Huawei | * not pursued |  |  |
| * C3-211156 | * Correction to table 7.4.1 | * Huawei | * not pursued |  |  |
| * C3-211157 | * Correction to table 7.4.1 | * Huawei | * revised |  | * C3-211597 |
| * C3-211158 | * Correction to Notification URI | * Huawei | * agreed |  |  |
| * C3-211159 | * Correction to Notification URI | * Huawei | * revised |  | * C3-211598 |
| * C3-211160 | * Correction to Notification URI | * Huawei | * agreed |  |  |
| * C3-211161 | * Update the scope to support race condition handling | * Huawei | * merged |  |  |
| * C3-211162 | * Update the scope to support race condition handling | * Huawei | * merged |  |  |
| * C3-211163 | * Failure handling of PCC rule for QoS monitoring | * Huawei | * postponed |  |  |
| * C3-211164 | * Failure handling of PCC rule for QoS monitoring | * Huawei | * postponed |  |  |
| * C3-211165 | * QoS flow binding for QoS monitoring | * Huawei | * withdrawn |  |  |
| * C3-211166 | * QoS flow binding for QoS monitoring | * Huawei | * withdrawn |  |  |
| * C3-211167 | * New WID on CT aspects of Enhanced application layer support for V2X services | * Huawei, HiSilicon /Christian | * revised |  | * C3-211583 |
| * C3-211168 | * UsageMonData: definition of "scopes" attribute | * Ericsson | * agreed |  |  |
| * C3-211169 | * UsageMonData: definition of "scopes" attribute | * Ericsson | * agreed |  |  |
| * C3-211170 | * UsageMonData: definition of "scopes" attribute | * Ericsson | * agreed |  |  |
| * C3-211171 | * The apiSpecificResourceUriPart component | * Ericsson | * agreed |  |  |
| * C3-211172 | * The apiSpecificResourceUriPart component | * Ericsson | * agreed |  |  |
| * C3-211173 | * Support of optional HTTP custom header fields | * Ericsson | * agreed |  |  |
| * C3-211174 | * Support of optional HTTP custom header fields | * Ericsson | * agreed |  |  |
| * C3-211175 | * Support of optional HTTP custom header fields | * Ericsson | * agreed |  |  |
| * C3-211176 | * Terminology alignment: usage of "NF service consumer" | * Ericsson | * agreed |  |  |
| * C3-211177 | * Terminology alignment: usage of "NF service consumer" | * Ericsson | * agreed |  |  |
| * C3-211178 | * Terminology alignment: usage of "NF service consumer" | * Ericsson | * agreed |  |  |
| * C3-211179 | * OpenAPI reference | * Ericsson | * agreed |  |  |
| * C3-211180 | * Correcting the receiver of HTTP DELETE request | * Ericsson | * agreed |  |  |
| * C3-211181 | * Resolve the FFS for notification push | * Huawei | * revised | * C3-210278 | * C3-211394 |
| * C3-211182 | * Partial pull update | * Huawei | * revised | * C3-210279 | * C3-211614 |
| * C3-211183 | * NF service consumer terminology | * Huawei | * revised |  | * C3-211489 |
| * C3-211184 | * Optional header clarification | * Huawei | * agreed |  |  |
| * C3-211185 | * Supported features within ProblemDetails | * Huawei | * not pursued |  |  |
| * C3-211186 | * Supported features within ProblemDetails | * Huawei | * revised |  | * C3-211391 |
| * C3-211187 | * Last known location report | * Huawei | * agreed | * C3-210389 |  |
| * C3-211188 | * Last known location report | * Huawei | * agreed | * C3-210390 |  |
| * C3-211189 | * Usage of HTTP | * Huawei | * not pursued |  |  |
| * C3-211190 | * Usage of HTTP | * Huawei | * not pursued |  |  |
| * C3-211191 | * Usage of HTTP | * Huawei | * postponed |  |  |
| * C3-211192 | * Optional header clarification | * Huawei | * agreed |  |  |
| * C3-211193 | * Optional header clarification | * Huawei | * agreed |  |  |
| * C3-211194 | * Resource URI correction | * Huawei | * agreed |  |  |
| * C3-211195 | * Resource URI correction | * Huawei | * agreed |  |  |
| * C3-211196 | * Resource URI correction | * Huawei | * agreed |  |  |
| * C3-211197 | * Resource URI correction | * Huawei | * agreed |  |  |
| * C3-211198 | * Discussion paper on the applicability of HTTP custom headers to Northbound APIs | * Huawei | * noted |  |  |
| * C3-211199 | * Custom headers definition for Northbound APIs | * Huawei | * revised |  | * C3-211490 |
| * C3-211200 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * revised |  | * C3-211491 |
| * C3-211201 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * agreed |  |  |
| * C3-211202 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * revised |  | * C3-211492 |
| * C3-211203 | * Corrections to RuleOperation | * ZTE | * revised |  | * C3-211591 |
| * C3-211204 | * Corrections to RuleOperation | * ZTE | * revised |  | * C3-211592 |
| * C3-211205 | * Corrections to RuleOperation | * ZTE | * revised |  | * C3-211593 |
| * C3-211206 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * revised |  | * C3-211594 |
| * C3-211207 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * revised |  | * C3-211595 |
| * C3-211208 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * revised |  | * C3-211596 |
| * C3-211209 | * Correction to session rule | * ZTE | * agreed |  | * - |
| * C3-211210 | * Correction to session rule | * ZTE | * agreed |  |  |
| * C3-211211 | * Correction to session rule | * ZTE | * agreed |  |  |
| * C3-211212 | * misusage of 500 status code for BSF failure | * ZTE | * agreed |  |  |
| * C3-211213 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * not pursued |  | * - |
| * C3-211214 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * not pursued |  |  |
| * C3-211215 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * revised |  | * C3-211599 |
| * C3-211216 | * Datatype and figure corrections | * ZTE | * agreed |  |  |
| * C3-211217 | * Datatype and figure corrections | * ZTE | * agreed |  |  |
| * C3-211218 | * Datatype and figure corrections | * ZTE | * agreed |  |  |
| * C3-211219 | * alignment of dnaiChgType attribute | * ZTE | * agreed |  |  |
| * C3-211220 | * alignment of dnaiChgType attribute | * ZTE | * agreed |  |  |
| * C3-211221 | * alignment of dnaiChgType attribute | * ZTE | * agreed |  |  |
| * C3-211222 | * deactivationTime for time conditioned session rule | * ZTE | * revised |  | * C3-211417 |
| * C3-211223 | * Remove exUsagePccRuleIds from PCC rule definition | * ZTE | * revised |  | * C3-211620 |
| * C3-211224 | * same UsageMonitoringData referenced by time-conditioned sessionRule | * ZTE | * merged |  |  |
| * C3-211225 | * PUT method for Exposure Data modification | * ZTE | * revised |  | * C3-211390 |
| * C3-211226 | * Correction to Traffic Influence procedure | * ZTE | * revised |  | * C3-211405 |
| * C3-211227 | * Custom header clarification | * ZTE | * agreed |  |  |
| * C3-211228 | * Terminology alignment usage of NF service consumer | * ZTE | * revised |  | * C3-211493 |
| * C3-211229 | * PFD change subscription modification procedure | * ZTE | * agreed |  |  |
| * C3-211230 | * PFD change subscription modification procedure | * ZTE | * agreed |  |  |
| * C3-211231 | * packFiltInfo attribute correction | * ZTE | * agreed |  |  |
| * C3-211232 | * packFiltInfo attribute correction | * ZTE | * agreed |  |  |
| * C3-211233 | * QoS monitoring procedure | * ZTE, Huawei | * revised | * C3-210407 | * C3-211628 |
| * C3-211234 | * QoS monitoring procedure | * ZTE, Huawei | * revised | * C3-210408 | * C3-211629 |
| * C3-211235 | * extend bdtpStatus to include VALID | * ZTE | * revised |  | * C3-211555 |
| * C3-211236 | * extend bdtpStatus to include VALID | * ZTE | * revised |  | * C3-211556 |
| * C3-211237 | * set bdtpStatus to VALID | * ZTE | * revised |  | * C3-211557 |
| * C3-211238 | * Scope update | * Huawei | * agreed |  |  |
| * C3-211239 | * Network Functions | * Huawei | * revised |  | * C3-211396 |
| * C3-211240 | * Custom operation URI correction | * Huawei | * revised |  | * C3-211377 |
| * C3-211241 | * Add operationId and tags for register operation | * Huawei | * revised |  | * C3-211398 |
| * C3-211242 | * Support Stateless NFs for Naanf\_AKMA API | * Huawei | * revised |  | * C3-211399 |
| * C3-211243 | * Any Slice applicability | * Huawei | * agreed |  |  |
| * C3-211244 | * Any Slice applicability | * Huawei | * agreed |  |  |
| * C3-211245 | * Parial failure during event subscription | * Huawei | * revised |  | * C3-211558 |
| * C3-211246 | * Parial failure during event subscription | * Huawei | * revised |  | * C3-211559 |
| * C3-211247 | * Failure events for AnalyticsExposure API | * Huawei | * revised |  | * C3-211560 |
| * C3-211248 | * Failure events for AnalyticsExposure API | * Huawei | * revised |  | * C3-211561 |
| * C3-211249 | * Supported feature | * Huawei | * agreed |  |  |
| * C3-211250 | * Supported feature | * Huawei | * agreed |  |  |
| * C3-211251 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * revised |  | * C3-211378 |
| * C3-211252 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * revised |  | * C3-211379 |
| * C3-211253 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * revised |  | * C3-211588 |
| * C3-211254 | * Update procedure of TrafficInfluence API | * Huawei | * revised |  | * C3-211406 |
| * C3-211255 | * Correction to PATCH method in 29.514 and 29.554 | * Ericsson | * noted |  |  |
| * C3-211256 | * Support Stateless NFs for MonitoringEvent API | * Huawei | * revised | * C3-210363 | * C3-211425 |
| * C3-211257 | * Support Stateless NFs for MonitoringEvent API | * Huawei | * revised | * C3-210364 | * C3-211426 |
| * C3-211258 | * Support stateless NFs for NIDD API | * Huawei | * revised |  | * C3-211427 |
| * C3-211259 | * Support stateless NFs for NIDD API | * Huawei | * revised |  | * C3-211428 |
| * C3-211260 | * Support stateless NFs for ChargeableParty API | * Huawei | * revised |  | * C3-211429 |
| * C3-211261 | * Support stateless NFs for ChargeableParty API | * Huawei | * revised |  | * C3-211430 |
| * C3-211262 | * Support stateless NFs for CpProvisioning API | * Huawei | * revised |  | * C3-211431 |
| * C3-211263 | * Support stateless NFs for CpProvisioning API | * Huawei | * revised |  | * C3-211432 |
| * C3-211264 | * Support stateless NFs for DeviceTriggering API | * Huawei | * revised |  | * C3-211433 |
| * C3-211265 | * Support stateless NFs for DeviceTriggering API | * Huawei | * revised |  | * C3-211434 |
| * C3-211266 | * Support stateless NFs for AsSessionWithQoS API | * Huawei | * revised |  | * C3-211435 |
| * C3-211267 | * Support stateless NFs for AsSessionWithQoS API | * Huawei | * revised |  | * C3-211436 |
| * C3-211268 | * Support stateless NFs for ECRControl API | * Huawei | * revised |  | * C3-211437 |
| * C3-211269 | * Support stateless NFs for ECRControl API | * Huawei | * revised |  | * C3-211438 |
| * C3-211270 | * Support stateless NFs for MsisdnLessMoSms API | * Huawei | * revised |  | * C3-211439 |
| * C3-211271 | * Support stateless NFs for MsisdnLessMoSms API | * Huawei | * revised |  | * C3-211440 |
| * C3-211272 | * Support stateless NFs for NpConfiguration API | * Huawei | * revised |  | * C3-211441 |
| * C3-211273 | * Support stateless NFs for NpConfiguration API | * Huawei | * revised |  | * C3-211442 |
| * C3-211274 | * Support stateless NFs for PfdManagement API | * Huawei | * revised |  | * C3-211443 |
| * C3-211275 | * Support stateless NFs for PfdManagement API | * Huawei | * revised |  | * C3-211444 |
| * C3-211276 | * Support stateless NFs for RacsParameterProvisioning API | * Huawei | * revised |  | * C3-211445 |
| * C3-211277 | * Support stateless NFs for RacsParameterProvisioning API | * Huawei | * revised |  | * C3-211446 |
| * C3-211278 | * Support stateless NFs for ResourceManagementOfBdt API | * Huawei | * revised |  | * C3-211447 |
| * C3-211279 | * Support stateless NFs for ResourceManagementOfBdt API | * Huawei | * revised |  | * C3-211448 |
| * C3-211280 | * Support Stateless NFs for TrafficInfluence API | * Huawei | * revised | * C3-210361 | * C3-211449 |
| * C3-211281 | * Support Stateless NFs for TrafficInfluence API | * Huawei | * revised | * C3-210362 | * C3-211450 |
| * C3-211282 | * Support stateless NFs for 5GLANParameterProvision API | * Huawei | * revised |  | * C3-211451 |
| * C3-211283 | * Support stateless NFs for 5GLANParameterProvision API | * Huawei | * revised |  | * C3-211452 |
| * C3-211284 | * Support stateless NFs for ACSParameterProvision API | * Huawei | * revised |  | * C3-211453 |
| * C3-211285 | * Support stateless NFs for ACSParameterProvision API | * Huawei | * revised |  | * C3-211454 |
| * C3-211286 | * Support stateless NFs for AnalyticsExposure API | * Huawei | * revised |  | * C3-211455 |
| * C3-211287 | * Support stateless NFs for AnalyticsExposure API | * Huawei | * revised |  | * C3-211456 |
| * C3-211288 | * Support stateless NFs for ApplyingBdtPolicy API | * Huawei | * revised |  | * C3-211457 |
| * C3-211289 | * Support stateless NFs for ApplyingBdtPolicy API | * Huawei | * revised |  | * C3-211458 |
| * C3-211290 | * Support stateless NFs for IPTVConfiguration API | * Huawei | * revised |  | * C3-211459 |
| * C3-211291 | * Support stateless NFs for IPTVConfiguration API | * Huawei | * revised |  | * C3-211460 |
| * C3-211292 | * Support stateless NFs for LpiParameterProvision API | * Huawei | * revised |  | * C3-211461 |
| * C3-211293 | * Support stateless NFs for LpiParameterProvision API | * Huawei | * revised |  | * C3-211462 |
| * C3-211294 | * Support stateless NFs for MoLcsNotify API | * Huawei | * revised |  | * C3-211463 |
| * C3-211295 | * Support stateless NFs for MoLcsNotify API | * Huawei | * revised |  | * C3-211464 |
| * C3-211296 | * Support stateless NFs for NiddConfigurationTrigger API | * Huawei | * revised |  | * C3-211465 |
| * C3-211297 | * Support stateless NFs for NiddConfigurationTrigger API | * Huawei | * revised |  | * C3-211466 |
| * C3-211298 | * Support stateless NFs for ServiceParameter API | * Huawei | * revised |  | * C3-211467 |
| * C3-211299 | * Support stateless NFs for ServiceParameter API | * Huawei | * revised |  | * C3-211468 |
| * C3-211300 | * Correction to PATCH method | * Ericsson | * revised |  | * C3-211470 |
| * C3-211301 | * Correction to PATCH method | * Ericsson | * revised |  | * C3-211471 |
| * C3-211302 | * Correction to PATCH method | * Ericsson | * revised |  | * C3-211472 |
| * C3-211303 | * Correction to PATCH method | * Ericsson | * revised |  | * C3-211473 |
| * C3-211304 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * revised |  | * C3-211632 |
| * C3-211305 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * revised |  | * C3-211633 |
| * C3-211306 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * revised |  | * C3-211634 |
| * C3-211307 | * Correction on N5 events for AsSessionWithQoS API | * Huawei | * agreed |  |  |
| * C3-211308 | * Correction on N5 events for AsSessionWithQoS API | * Huawei | * agreed |  |  |
| * C3-211309 | * Correction on N5 events for AsSessionWithQoS API | * Huawei | * agreed |  |  |
| * C3-211310 | * Usage threshold update | * Huawei | * revised |  | * C3-211511 |
| * C3-211311 | * Usage threshold update | * Huawei | * revised |  | * C3-211512 |
| * C3-211312 | * SUCCESSFUL\_RESOURCES\_ALLOCATION | * Huawei | * not pursued |  |  |
| * C3-211313 | * Correction to Wireline Access information | * Ericsson | * agreed | * C3-210346 |  |
| * C3-211314 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * revised |  | * C3-211498 |
| * C3-211315 | * Correction to AM Policy Control for Wireline and Wireless Convergence feature | * Ericsson | * agreed | * C3-210343 |  |
| * C3-211316 | * Correction to access type conditioned session rule | * Ericsson | * revised | * C3-210331 | * C3-211572 |
| * C3-211317 | * Correction to SamePcf Feature | * Ericsson | * revised |  | * C3-211569 |
| * C3-211318 | * Correction to SamePcf Feature | * Ericsson | * revised |  | * C3-211570 |
| * C3-211319 | * Correction to SamePcf feature | * Ericsson | * revised |  | * C3-211571 |
| * C3-211320 | * 5GC Support of DHCP signalling for RG | * Ericsson | * revised |  | * C3-211408 |
| * C3-211321 | * Reporting GCI to RADIUS DN-AAA server | * Ericsson | * revised |  | * C3-211602 |
| * C3-211322 | * Reporting GCI to Diameter DN-AAA server | * Ericsson | * revised |  | * C3-211605 |
| * C3-211323 | * Support IPv4v6 dual stack BMSC Address | * Ericsson | * revised |  | * C3-211407 |
| * C3-211324 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * revised |  | * C3-211622 |
| * C3-211325 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * revised |  | * C3-211623 |
| * C3-211326 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * revised |  | * C3-211626 |
| * C3-211327 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * revised |  | * C3-211627 |
| * C3-211328 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * revised |  | * C3-211624 |
| * C3-211329 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * revised |  | * C3-211625 |
| * C3-211330 | * Updates to Location Failure Cause | * Ericsson | * revised |  | * C3-211509 |
| * C3-211331 | * Updates to Location Failure Cause | * Ericsson | * revised |  | * C3-211510 |
| * C3-211332 | * OpenAPI reference | * Ericsson | * agreed |  |  |
| * C3-211333 | * OpenAPI reference | * Ericsson | * agreed |  |  |
| * C3-211334 | * OpenAPI reference | * Ericsson | * revised |  | * C3-211494 |
| * C3-211335 | * OpenAPI reference | * Ericsson | * agreed |  |  |
| * C3-211336 | * OpenAPI reference | * Ericsson | * agreed |  | * - |
| * C3-211337 | * Reply LS on Server Domain Name Usage for Application Traffic Detection | * Ericsson | * revised |  | * C3-211424 |
| * C3-211338 | * Reporting FQDN of CHF to RADIUS DN-AAA server | * Ericsson | * revised | * C3-210288 | * C3-211621 |
| * C3-211339 | * Reporting FQDN of CHF to Diameter DN-AAA server | * Ericsson | * agreed | * C3-210244 |  |
| * C3-211340 | * Updates to Application Identifier in ChargeableParty API | * Ericsson | * postponed | * C3-210235 |  |
| * C3-211341 | * Updates to Application Identifier in AsSessionWithQoS API | * Ericsson | * postponed | * C3-210236 |  |
| * C3-211342 | * Correction to "resourceUri" attribute description | * Ericsson | * revised | * C3-210432 | * C3-211562 |
| * C3-211343 | * Correction to "resourceUri" attribute description | * Ericsson | * agreed | * C3-210433 | * - |
| * C3-211344 | * Correction to resource identifiers descriptions used in notifications | * Ericsson | * agreed | * C3-210436 |  |
| * C3-211345 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * agreed |  |  |
| * C3-211346 | * Impacts of eV2XAPP to CT WGs | * Huawei, HiSilicon /Christian | * noted |  |  |
| * C3-211347 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * agreed |  |  |
| * C3-211348 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * revised |  | * C3-211564 |
| * C3-211349 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * revised |  | * C3-211565 |
| * C3-211350 | * Update DNN and S-NSSAI in ChargeableParty API | * Ericsson | * postponed | * C3-210262 |  |
| * C3-211351 | * Update DNN and S-NSSAI in ChargeableParty procedure | * Ericsson | * postponed | * C3-210263 |  |
| * C3-211352 | * Update DNN and S-NSSAI in AsSessionWithQoS API | * Ericsson | * postponed | * C3-210264 |  |
| * C3-211353 | * discussion for resource allocation status | * Ericsson | * noted |  |  |
| * C3-211354 | * Update DNN and S-NSSAI in AsSessionWithQoS API procedure | * Ericsson | * postponed | * C3-210265 |  |
| * C3-211355 | * Correction to Service Area Restrictions | * Ericsson | * revised |  | * C3-211419 |
| * C3-211356 | * Resource allocation status | * Ericsson | * revised |  | * C3-211641 |
| * C3-211357 | * Resource allocation status | * Ericsson | * revised |  | * C3-211642 |
| * C3-211358 | * Redundant User Plane Paths | * Ericsson | * revised | * C3-210115 | * C3-211578 |
| * C3-211359 | * Redundant User Plane Paths | * Ericsson | * revised | * C3-210137 | * C3-211579 |
| * C3-211360 | * Correction on UE initiated PDU session modification | * Ericsson | * revised |  | * C3-211420 |
| * C3-211361 | * Correction to conditioned rules | * Ericsson | * revised |  | * C3-211421 |
| * C3-211362 | * Correction to Usage Monitoring | * Ericsson | * revised |  | * C3-211418 |
| * C3-211363 | * EDGEAPP - Workplan | * Samsung Electronics Iberia SA | * noted |  |  |
| * C3-211364 | * Pseudo-CR on Common design aspects | * Samsung Electronics Iberia SA | * revised |  | * C3-211503 |
| * C3-211365 | * Updated terms | * Intel /Thomas | * agreed |  |  |
| * C3-211366 | * Pseudo-CR on Eees\_EASRegistration service description | * Samsung Electronics Iberia SA | * revised |  | * C3-211504 |
| * C3-211367 | * Clarification about handling of valid unreferred policy decisions | * Ericsson | * revised |  | * C3-211422 |
| * C3-211368 | * Pseudo-CR on Eees\_EASRegistration API definition | * Samsung Electronics Iberia SA | * revised |  | * C3-211505 |
| * C3-211369 | * Pseudo-CR on Eecs\_EESRegistration service description | * Samsung Electronics Iberia SA | * revised |  | * C3-211506 |
| * C3-211370 | * Pseudo-CR on Eecs\_EESRegistration API definition | * Samsung Electronics Iberia SA | * revised |  | * C3-211507 |
| * C3-211371 | * Clean up the editorial parts | * China Mobile Communications Group Co.,Ltd. | * revised |  | * C3-211400 |
| * C3-211372 | * Update the Resource definition | * China Mobile Communications Group Co.,Ltd. | * revised |  | * C3-211401 |
| * C3-211373 | * OpenAPI reference | * China Mobile Communications Group Co.,Ltd. | * merged |  |  |
| * C3-211374 | * Applicability of HTTP custom headers from 29.500 in CAPIF | * Samsung Electronics Iberia SA | * noted |  |  |
| * C3-211375 | * Applicability of HTTP custom headers from 29.500 in SEAL | * Samsung Electronics Iberia SA | * noted |  |  |
| * C3-211376 | * Corrections on partial pull | * China Telecom, Huawei | * revised | * C3-210429 | * C3-211395 |
| * C3-211377 | * Custom operation URI correction | * Huawei | * revised | * C3-211240 | * C3-211397 |
| * C3-211378 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * revised | * C3-211251 | * C3-211586 |
| * C3-211379 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * revised | * C3-211252 | * C3-211587 |
| * C3-211380 | * CT aspects on support for Signed Attestation for Priority and Emergency Sessions | * Ericsson | * revised |  | * C3-211386 |
| * C3-211381 | * QoS flow binding for QoS monitoring | * Huawei | * revised |  | * C3-211580 |
| * C3-211382 | * QoS flow binding for QoS monitoring | * Huawei | * revised |  | * C3-211581 |
| * C3-211383 | * Enhancement to the 5GC Location Services - Phase 2 | * CATT | * revised | * C3-211025 | * C3-211607 |
| * C3-211384 | * New WID on CT aspects of Enhancement for Proximity based Services in 5GS | * CATT, OPPO | * endorsed | * C3-211076 | * - |
| * C3-211385 | * New WID on Enablers for Network Automation for 5G - phase 2 | * China Mobile, Huawei | * agreed | * C3-211094 | * - |
| * C3-211386 | * CT aspects on support for Signed Attestation for Priority and Emergency Sessions | * Ericsson | * endorsed | * C3-211380 | * - |
| * C3-211387 | * Way of Working for CT3#114e Electronic Meeting | * CT3 chairman | * noted | * C3-211016 | * - |
| * C3-211388 | * PUT method for Exposure Data modification | * ZTE | * agreed | * - | * - |
| * C3-211389 | * PUT method for Exposure Data modification | * ZTE | * agreed | * - | * - |
| * C3-211390 | * PUT method for Exposure Data modification | * ZTE | * agreed | * C3-211225 | * - |
| * C3-211391 | * Supported features within ProblemDetails | * Huawei | * agreed | * C3-211186 | * - |
| * C3-211392 | * Procedure of notification push update | * Huawei, Ericsson, China Telecom | * revised | * C3-211073 | * C3-211644 |
| * C3-211393 | * Procedure of partial pull | * Huawei, Ericsson, China Telecom | * agreed | * C3-211074 | * - |
| * C3-211394 | * Resolve the FFS for notification push | * Huawei, Ericsson, China Telecom | * revised | * C3-211181 | * C3-211613 |
| * C3-211395 | * Corrections on partial pull | * China Telecom, Huawei | * revised | * C3-211376 | * C3-211645 |
| * C3-211396 | * Network Functions | * Huawei, Ericsson, China Mobile | * agreed | * C3-211239 | * - |
| * C3-211397 | * Custom operation URI correction | * Huawei, China Mobile, Ericsson | * agreed | * C3-211377 | * - |
| * C3-211398 | * Add operationId and tags for register operation | * Huawei | * agreed | * C3-211241 | * - |
| * C3-211399 | * Support Stateless NFs for Naanf\_AKMA API | * Huawei | * agreed | * C3-211242 | * - |
| * C3-211400 | * Clean up the editorial parts | * China Mobile Communications Group Co.,Ltd. | * agreed | * C3-211371 | * - |
| * C3-211401 | * Update the Resource definition | * China Mobile, Huawei, Ericsson | * agreed | * C3-211372 | * - |
| * C3-211402 | * Specifying the Applicability field for some data types in the Nnef\_EventExposure Data Types tables | * Huawei, Ericsson | * agreed | * C3-211127 | * - |
| * C3-211403 | * Adding description fields to the data types in the Nnef\_EventExposure specific and reused Data Types tables | * Huawei | * agreed | * C3-211126 | * - |
| * C3-211404 | * Text style correction | * Huawei | * agreed | * C3-211128 | * - |
| * C3-211405 | * Correction to Traffic Influence procedure | * ZTE | * agreed | * C3-211226 | * - |
| * C3-211406 | * Update procedure of TrafficInfluence API | * Huawei | * agreed | * C3-211254 | * - |
| * C3-211407 | * Support IPv4v6 dual stack BMSC Address | * Ericsson | * agreed | * C3-211323 | * - |
| * C3-211408 | * 5GC Support of DHCP signalling for RG | * Ericsson | * agreed | * C3-211320 | * - |
| * C3-211409 | * Clarification of update operation | * Huawei | * agreed | * C3-211060 | * - |
| * C3-211410 | * Clarification of update operation | * Huawei | * agreed | * C3-211061 | * - |
| * C3-211411 | * Additional corrections to the Npcf\_SMPolicyControl\_Create service operation | * Huawei | * agreed | * C3-211116 | * - |
| * C3-211412 | * Miscellaneous corrections to the Npcf\_SMPolicyControl\_Delete service operation | * Huawei | * agreed | * C3-211117 | * - |
| * C3-211413 | * Miscellaneous corrections to the Provisioning and Enforcement of Policy Decisions clause | * Huawei | * agreed | * C3-211118 | * - |
| * C3-211414 | * Miscellaneous corrections to the data types defined in the Npcf\_SMPolicyControl API | * Huawei | * agreed | * C3-211119 | * - |
| * C3-211415 | * Corrections to the P-CSCF restoration indication mechanism | * Huawei | * agreed | * C3-211121 | * - |
| * C3-211416 | * Reference to the wrong attribute name for the QoS Monitoring Decision | * Huawei | * agreed | * C3-211122 | * - |
| * C3-211417 | * deactivationTime for time conditioned session rule | * ZTE | * agreed | * C3-211222 | * - |
| * C3-211418 | * Correction to Usage Monitoring | * Ericsson, ZTE | * agreed | * C3-211362 | * - |
| * C3-211419 | * Correction to Service Area Restrictions | * Ericsson | * agreed | * C3-211355 | * - |
| * C3-211420 | * Correction on UE initiated PDU session modification | * Ericsson | * agreed | * C3-211360 | * - |
| * C3-211421 | * Correction to conditioned rules | * Ericsson | * agreed | * C3-211361 | * - |
| * C3-211422 | * Clarification about handling of valid unreferred policy decisions | * Ericsson | * agreed | * C3-211367 | * - |
| * C3-211423 | * Correction of the incorrect SIP header name and value | * NTT corporation | * agreed | * C3-211138 | * - |
| * C3-211424 | * Reply LS on Server Domain Name Usage for Application Traffic Detection | * Ericsson | * postponed | * C3-211337 | * - |
| * C3-211425 | * Support redirection for MonitoringEvent API | * Huawei | * agreed | * C3-211256 | * - |
| * C3-211426 | * Support redirection for MonitoringEvent API | * Huawei | * agreed | * C3-211257 | * - |
| * C3-211427 | * Support redirection for NIDD API | * Huawei | * agreed | * C3-211258 | * - |
| * C3-211428 | * Support redirection for NIDD API | * Huawei | * agreed | * C3-211259 | * - |
| * C3-211429 | * Support redirection for ChargeableParty API | * Huawei | * agreed | * C3-211260 | * - |
| * C3-211430 | * Support redirection for ChargeableParty API | * Huawei | * agreed | * C3-211261 | * - |
| * C3-211431 | * Support redirection for CpProvisioning API | * Huawei | * agreed | * C3-211262 | * - |
| * C3-211432 | * Support redirection for CpProvisioning API | * Huawei | * agreed | * C3-211263 | * - |
| * C3-211433 | * Support redirection for DeviceTriggering API | * Huawei | * agreed | * C3-211264 | * - |
| * C3-211434 | * Support redirection for DeviceTriggering API | * Huawei | * agreed | * C3-211265 | * - |
| * C3-211435 | * Support redirection for AsSessionWithQoS API | * Huawei | * agreed | * C3-211266 | * - |
| * C3-211436 | * Support redirection for AsSessionWithQoS API | * Huawei | * agreed | * C3-211267 | * - |
| * C3-211437 | * Support redirection for ECRControl API | * Huawei | * agreed | * C3-211268 | * - |
| * C3-211438 | * Support redirection for ECRControl API | * Huawei | * agreed | * C3-211269 | * - |
| * C3-211439 | * Support redirection for MsisdnLessMoSms API | * Huawei | * agreed | * C3-211270 | * - |
| * C3-211440 | * Support redirection for MsisdnLessMoSms API | * Huawei | * agreed | * C3-211271 | * - |
| * C3-211441 | * Support redirection for NpConfiguration API | * Huawei | * agreed | * C3-211272 | * - |
| * C3-211442 | * Support redirection for NpConfiguration API | * Huawei | * agreed | * C3-211273 | * - |
| * C3-211443 | * Support redirection for PfdManagement API | * Huawei | * agreed | * C3-211274 | * - |
| * C3-211444 | * Support redirection for PfdManagement API | * Huawei | * agreed | * C3-211275 | * - |
| * C3-211445 | * Support redirection for RacsParameterProvisioning API | * Huawei | * agreed | * C3-211276 | * - |
| * C3-211446 | * Support redirection for RacsParameterProvisioning API | * Huawei | * agreed | * C3-211277 | * - |
| * C3-211447 | * Support redirection for ResourceManagementOfBdt API | * Huawei | * agreed | * C3-211278 | * - |
| * C3-211448 | * Support redirection for ResourceManagementOfBdt API | * Huawei | * agreed | * C3-211279 | * - |
| * C3-211449 | * Support redirection for TrafficInfluence API | * Huawei | * agreed | * C3-211280 | * - |
| * C3-211450 | * Support redirection for TrafficInfluence API | * Huawei | * agreed | * C3-211281 | * - |
| * C3-211451 | * Support redirection for 5GLANParameterProvision API | * Huawei | * agreed | * C3-211282 | * - |
| * C3-211452 | * Support redirection for 5GLANParameterProvision API | * Huawei | * agreed | * C3-211283 | * - |
| * C3-211453 | * Support redirection for ACSParameterProvision API | * Huawei | * agreed | * C3-211284 | * - |
| * C3-211454 | * Support redirection for ACSParameterProvision API | * Huawei | * agreed | * C3-211285 | * - |
| * C3-211455 | * Support redirection for AnalyticsExposure API | * Huawei | * agreed | * C3-211286 | * - |
| * C3-211456 | * Support redirection for AnalyticsExposure API | * Huawei | * agreed | * C3-211287 | * - |
| * C3-211457 | * Support redirection for ApplyingBdtPolicy API | * Huawei | * agreed | * C3-211288 | * - |
| * C3-211458 | * Support redirection for ApplyingBdtPolicy API | * Huawei | * agreed | * C3-211289 | * - |
| * C3-211459 | * Support redirection for IPTVConfiguration API | * Huawei | * agreed | * C3-211290 | * - |
| * C3-211460 | * Support redirection for IPTVConfiguration API | * Huawei | * agreed | * C3-211291 | * - |
| * C3-211461 | * Support redirection for LpiParameterProvision API | * Huawei | * agreed | * C3-211292 | * - |
| * C3-211462 | * Support redirection for LpiParameterProvision API | * Huawei | * agreed | * C3-211293 | * - |
| * C3-211463 | * Support redirection for MoLcsNotify API | * Huawei | * agreed | * C3-211294 | * - |
| * C3-211464 | * Support redirection for MoLcsNotify API | * Huawei | * agreed | * C3-211295 | * - |
| * C3-211465 | * Support redirection for NiddConfigurationTrigger API | * Huawei | * agreed | * C3-211296 | * - |
| * C3-211466 | * Support redirection for NiddConfigurationTrigger API | * Huawei | * agreed | * C3-211297 | * - |
| * C3-211467 | * Support redirection for ServiceParameter API | * Huawei | * agreed | * C3-211298 | * - |
| * C3-211468 | * Support redirection for ServiceParameter API | * Huawei | * agreed | * C3-211299 | * - |
| * C3-211469 | * LS on Session Management Policy Data per PLMN | * Nokia, Nokia Shanghai Bell | * approved | * - | * - |
| * C3-211470 | * Correction to PATCH method | * Ericsson | * agreed | * C3-211300 | * - |
| * C3-211471 | * Correction to PATCH method | * Ericsson | * agreed | * C3-211301 | * - |
| * C3-211472 | * Correction to PATCH method | * Ericsson | * agreed | * C3-211302 | * - |
| * C3-211473 | * Correction to PATCH method | * Ericsson | * agreed | * C3-211303 | * - |
| * C3-211474 | * Correction to the GBR type of default QoS flow | * Huawei | * agreed | * C3-211149 | * - |
| * C3-211475 | * Correction to the GBR type of default QoS flow | * Huawei | * agreed | * C3-211150 | * - |
| * C3-211476 | * Correction to the GBR type of default QoS flow | * Huawei | * agreed | * C3-211151 | * - |
| * C3-211477 | * Determination of the default QoS flow | * Huawei | * agreed | * C3-211152 | * - |
| * C3-211478 | * Determination of the default QoS flow | * Huawei | * agreed | * C3-211153 | * - |
| * C3-211479 | * Determination of the default QoS flow | * Huawei | * agreed | * C3-211154 | * - |
| * C3-211480 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211097 | * - |
| * C3-211481 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211098 | * - |
| * C3-211482 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211100 | * - |
| * C3-211483 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211101 | * - |
| * C3-211484 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211107 | * - |
| * C3-211485 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211109 | * - |
| * C3-211486 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211110 | * - |
| * C3-211487 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211111 | * - |
| * C3-211488 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * agreed | * C3-211112 | * - |
| * C3-211489 | * NF service consumer terminology | * Huawei | * agreed | * C3-211183 | * - |
| * C3-211490 | * Custom headers definition for Northbound APIs | * Huawei | * agreed | * C3-211199 | * - |
| * C3-211491 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * agreed | * C3-211200 | * - |
| * C3-211492 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * agreed | * C3-211202 | * - |
| * C3-211493 | * Terminology alignment usage of NF service consumer | * ZTE | * agreed | * C3-211228 | * - |
| * C3-211494 | * OpenAPI reference | * Ericsson, China Mobile Communications Group Co.,Ltd. | * agreed | * C3-211334 | * - |
| * C3-211495 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * agreed | * C3-211078 | * - |
| * C3-211496 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * agreed | * C3-211079 | * - |
| * C3-211497 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * agreed | * C3-211080 | * - |
| * C3-211498 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * agreed | * C3-211314 | * - |
| * C3-211499 | * Support Redirection for V2XAPP APIs | * Huawei | * agreed | * C3-211075 | * - |
| * C3-211500 | * 5GS interworking with EPS for IPv4IPv6 Non-transparent access using PAPCHAP | * Ericsson | * agreed | * C3-211085 | * - |
| * C3-211501 | * 5GS interworking with EPS for PAP/CHAP in RADIUS message flow | * Ericsson | * not pursued | * C3-211086 | * - |
| * C3-211502 | * 5GS interworking with EPS for PAP/CHAP in Diameter message flow | * Ericsson | * not pursued | * C3-211088 | * - |
| * C3-211503 | * Pseudo-CR on Common design aspects | * Samsung Electronics Iberia SA | * agreed | * C3-211364 | * - |
| * C3-211504 | * Pseudo-CR on Eees\_EASRegistration service description | * Samsung Electronics Iberia SA | * agreed | * C3-211366 | * - |
| * C3-211505 | * Pseudo-CR on Eees\_EASRegistration API definition | * Samsung Electronics Iberia SA | * agreed | * C3-211368 | * - |
| * C3-211506 | * Pseudo-CR on Eecs\_EESRegistration service description | * Samsung Electronics Iberia SA | * agreed | * C3-211369 | * - |
| * C3-211507 | * Pseudo-CR on Eecs\_EESRegistration API definition | * Samsung Electronics Iberia SA | * agreed | * C3-211370 | * - |
| * C3-211508 | * TS 29.558 v0.2.0 | * Samsung Electronics Iberia SA | * agreed | * - | * - |
| * C3-211509 | * Updates to Location Failure Cause | * Ericsson | * agreed | * C3-211330 | * - |
| * C3-211510 | * Updates to Location Failure Cause | * Ericsson | * agreed | * C3-211331 | * - |
| * C3-211511 | * Usage threshold update | * Huawei, Ericsson | * agreed | * C3-211310 | * - |
| * C3-211512 | * Usage threshold update | * Huawei, Ericsson | * agreed | * C3-211311 | * - |
| * C3-211513 | * Usage threshold update | * Ericsson, Huawei | * agreed | * - | * - |
| * C3-211514 | * Usage threshold update | * Ericsson, Huawei | * withdrawn | * - | * - |
| * C3-211515 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211516 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211517 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211518 | * Update of TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211519 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211520 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211521 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211522 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211523 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211524 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211525 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Communications Group Co.,Ltd | * agreed | * - | * - |
| * C3-211526 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Communications Group Co.,Ltd | * agreed | * - | * - |
| * C3-211527 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211528 | * Update of OpenAPI version and TS version in externalDocs field | * ZTE | * agreed | * - | * - |
| * C3-211529 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211530 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211531 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211532 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211533 | * Update of OpenAPI version and TS version in externalDocs field | * ZTE | * agreed | * - | * - |
| * C3-211534 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211535 | * Update of TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211536 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Com. Corporation | * agreed | * - | * - |
| * C3-211537 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211538 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211539 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211540 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211541 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211542 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * agreed | * - | * - |
| * C3-211543 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211544 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211545 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Com. Corporation | * agreed | * - | * - |
| * C3-211546 | * Update of OpenAPI version and TS version in externalDocs field | * Samsung Electronics | * agreed | * - | * - |
| * C3-211547 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211548 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211549 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211550 | * Discussion Rel-15, Rel-16 & Rel-17 OpenAPI version update of Nudr\_DataRepository API | * Huawei | * noted | * - | * - |
| * C3-211551 | * TS 29.535 v0.3.0 | * China Mobile Communications Group Co.,Ltd. | * agreed | * - | * - |
| * C3-211552 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * agreed | * - | * - |
| * C3-211553 | * Adding network slice instance load level information | * China Telecom, Huawei | * agreed | * C3-211083 | * - |
| * C3-211554 | * Adding network slice instance load level information | * China Telecom, Huawei | * agreed | * C3-211084 | * - |
| * C3-211555 | * extend bdtpStatus to include VALID | * ZTE | * agreed | * C3-211235 | * - |
| * C3-211556 | * extend bdtpStatus to include VALID | * ZTE | * agreed | * C3-211236 | * - |
| * C3-211557 | * set bdtpStatus to VALID | * ZTE | * agreed | * C3-211237 | * - |
| * C3-211558 | * Parial failure during event subscription | * Huawei | * agreed | * C3-211245 | * - |
| * C3-211559 | * Parial failure during event subscription | * Huawei | * agreed | * C3-211246 | * - |
| * C3-211560 | * Failure events for AnalyticsExposure API | * Huawei | * agreed | * C3-211247 | * - |
| * C3-211561 | * Failure events for AnalyticsExposure API | * Huawei | * agreed | * C3-211248 | * - |
| * C3-211562 | * Correction to "resourceUri" attribute description | * Ericsson | * agreed | * C3-211342 | * - |
| * C3-211563 | * Void | * nn | * withdrawn | * - | * - |
| * C3-211564 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * agreed | * C3-211348 | * - |
| * C3-211565 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * agreed | * C3-211349 | * - |
| * C3-211566 | * Correction to DDD status event detection | * Huawei | * agreed | * C3-211039 | * - |
| * C3-211567 | * Correction to DDD status event detection | * Huawei | * agreed | * C3-211040 | * - |
| * C3-211568 | * Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file | * Huawei | * agreed | * C3-211115 | * - |
| * C3-211569 | * Correction to SamePcf Feature | * Ericsson | * agreed | * C3-211317 | * - |
| * C3-211570 | * Correction to SamePcf Feature | * Ericsson | * agreed | * C3-211318 | * - |
| * C3-211571 | * Correction to SamePcf feature | * Ericsson | * agreed | * C3-211319 | * - |
| * C3-211572 | * Correction to access type conditioned session rule | * Ericsson | * agreed | * C3-211316 | * - |
| * C3-211573 | * Correction to traffic correlation indication | * Huawei | * revised | * C3-211037 | * C3-211609 |
| * C3-211574 | * Correction to traffic correlation indication | * Huawei | * revised | * C3-211038 | * C3-211610 |
| * C3-211575 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-211064 | * - |
| * C3-211576 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-211065 | * - |
| * C3-211577 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * agreed | * C3-211070 | * - |
| * C3-211578 | * Redundant User Plane Paths | * Ericsson, Huawei | * agreed | * C3-211358 | * - |
| * C3-211579 | * Redundant User Plane Paths | * Ericsson, Huawei | * agreed | * C3-211359 | * - |
| * C3-211580 | * QoS flow binding for QoS monitoring | * Huawei | * postponed | * C3-211381 | * - |
| * C3-211581 | * QoS flow binding for QoS monitoring | * Huawei | * postponed | * C3-211382 | * - |
| * C3-211582 | * New WID on CT aspects for Support of Unmanned Aerial Systems Connectivity, Identification, and Tracking | * Qualcomm Incorporated | * endorsed | * C3-211095 | * - |
| * C3-211583 | * New WID on CT aspects of Enhanced application layer support for V2X services | * Huawei, HiSilicon /Christian | * endorsed | * C3-211167 | * - |
| * C3-211584 | * Correction to authDefQos attribute | * Huawei | * agreed | * C3-211142 | * - |
| * C3-211585 | * Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS | * China Telecommunications | * agreed | * C3-211141 | * - |
| * C3-211586 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * agreed | * C3-211378 | * - |
| * C3-211587 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * agreed | * C3-211379 | * - |
| * C3-211588 | * Notification URI Correction for AsSessionWithQoS API | * Huawei | * agreed | * C3-211253 | * - |
| * C3-211589 | * Correction to authDefQos attribute | * Huawei | * agreed | * C3-211143 | * - |
| * C3-211590 | * Correction to authDefQos attribute | * Huawei | * agreed | * C3-211144 | * - |
| * C3-211591 | * Corrections to RuleOperation | * ZTE | * agreed | * C3-211203 | * - |
| * C3-211592 | * Corrections to RuleOperation | * ZTE | * agreed | * C3-211204 | * - |
| * C3-211593 | * Corrections to RuleOperation | * ZTE | * agreed | * C3-211205 | * - |
| * C3-211594 | * repPolicyCtrlReqTriggers attribute correction | * ZTE, Huawei | * agreed | * C3-211206 | * - |
| * C3-211595 | * repPolicyCtrlReqTriggers attribute correction | * ZTE, Huawei | * agreed | * C3-211207 | * - |
| * C3-211596 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * agreed | * C3-211208 | * - |
| * C3-211597 | * Correction to table 7.4.1 | * Huawei | * agreed | * C3-211157 | * - |
| * C3-211598 | * Correction to Notification URI | * Huawei | * agreed | * C3-211159 | * - |
| * C3-211599 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * agreed | * C3-211215 | * - |
| * C3-211600 | * Update Descriptions for PAPCHAP in RADIUS message flow | * Ericsson, China Telecom | * agreed | * C3-210298 | * - |
| * C3-211601 | * Update Descriptions for PAPCHAP in Diameter message flow | * Ericsson, China Telecom | * agreed | * C3-210299 | * - |
| * C3-211602 | * Reporting GCI to RADIUS DN-AAA server | * Ericsson | * agreed | * C3-211321 | * - |
| * C3-211603 | * Reporting GCI to RADIUS DN-AAA server | * Ericsson | * agreed | * - | * - |
| * C3-211604 | * Reporting GCI to Diameter DN-AAA server | * Ericsson | * agreed | * - | * - |
| * C3-211605 | * Reporting GCI to Diameter DN-AAA server | * Ericsson | * agreed | * C3-211322 | * - |
| * C3-211606 | * LS on migration from ETSI forge to 3GPP forge | * CT4 | * noted | * - | * - |
| * C3-211607 | * Enhancement to the 5GC Location Services - Phase 2 | * CATT | * endorsed | * C3-211383 | * - |
| * C3-211608 | * Revised WID on CT aspects of 5GC architecture for satellite networks | * Qualcomm Incorporated | * endorsed | * C3-211096 | * - |
| * C3-211609 | * Correction to traffic correlation indication | * Huawei | * agreed | * C3-211573 | * - |
| * C3-211610 | * Correction to traffic correlation indication | * Huawei | * agreed | * C3-211574 | * - |
| * C3-211611 | * Reply LS on Secondary AUTH for 5GS interworking with EPS | * SA2 | * noted | * - | * - |
| * C3-211612 | * Overall description of notification push | * Huawei | * agreed | * C3-211054 | * - |
| * C3-211613 | * Resolve the FFS for notification push | * Huawei, Ericsson, China Telecom | * revised | * C3-211394 | * C3-211630 |
| * C3-211614 | * Partial pull update | * Huawei | * agreed | * C3-211182 | * - |
| * C3-211615 | * Support Redirection for AKMA API | * Huawei | * agreed | * C3-210374 | * - |
| * C3-211616 | * Update clarification for PAP/CHAP in RADIUS message flow | * China Telecommunications, Huawei, Ericsson | * agreed | * C3-211139 | * - |
| * C3-211617 | * Update clarification for PAP/CHAP in Diameter message flow | * China Telecommunications, Huawei, Ericsson | * agreed | * C3-211140 | * - |
| * C3-211618 | * 5GS interworking with EPS for EAP based secondary AUTH n in RADIUS message flow | * Ericsson | * agreed | * C3-211089 | * - |
| * C3-211619 | * 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | * Ericsson | * agreed | * C3-211090 | * - |
| * C3-211620 | * Remove exUsagePccRuleIds from PCC rule definition | * ZTE | * agreed | * C3-211223 | * - |
| * C3-211621 | * Reporting FQDN of CHF to RADIUS DN-AAA server | * Ericsson | * agreed | * C3-211338 | * - |
| * C3-211622 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * revised | * C3-211324 | * C3-211637 |
| * C3-211623 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * revised | * C3-211325 | * C3-211638 |
| * C3-211624 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * agreed | * C3-211328 | * - |
| * C3-211625 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * revised | * C3-211329 | * C3-211639 |
| * C3-211626 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * agreed | * C3-211326 | * - |
| * C3-211627 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * agreed | * C3-211327 | * - |
| * C3-211628 | * QoS monitoring procedure | * ZTE, Huawei | * agreed | * C3-211233 | * - |
| * C3-211629 | * QoS monitoring procedure | * ZTE, Huawei | * agreed | * C3-211234 | * - |
| * C3-211630 | * Resolve the FFS for notification push | * Huawei, Ericsson, China Telecom | * agreed | * C3-211613 | * - |
| * C3-211631 | * Update of TS version in externalDocs field | * Huawei | * agreed | * - | * - |
| * C3-211632 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * agreed | * C3-211304 | * - |
| * C3-211633 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * agreed | * C3-211305 | * - |
| * C3-211634 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * revised | * C3-211306 | * C3-211643 |
| * C3-211635 | * Allocation of documents to agenda items after email approval | * CT3 chair | * noted | * - | * - |
| * C3-211636 | * Status of CT3 Work Items | * CT3 chairman | * noted | * C3-211012 | * - |
| * C3-211637 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * agreed | * C3-211622 | * - |
| * C3-211638 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * agreed | * C3-211623 | * - |
| * C3-211639 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * agreed | * C3-211625 | * - |
| * C3-211640 | * Reply LS on Server Domain Name Usage for Application Traffic Detection | * Huawei | * postponed | * - | * - |
| * C3-211641 | * Resource allocation status | * Ericsson | * agreed | * C3-211356 | * - |
| * C3-211642 | * Resource allocation status | * Ericsson | * agreed | * C3-211357 | * - |
| * C3-211643 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * agreed | * C3-211634 | * - |
| * C3-211644 | * Procedure of notification push update | * Huawei, Ericsson, China Telecom | * agreed | * C3-211392 | * - |
| * C3-211645 | * Corrections on partial pull | * China Telecom, Huawei | * agreed | * C3-211395 | * - |
| * C3-211646 | * Presentation Sheet for Approval TS 29.535 | * China Mobile Communications Group Co.,Ltd. | * agreed | * - | * - |

### A2: Tdoc decision timing

|  |  |  |
| --- | --- | --- |
| Document | Date/time UTC | Decision |
| * C3-211001 | * 2021-03-05 08:55:52 | * noted |
| * C3-211002 | * 2021-03-05 08:55:54 | * noted |
| * C3-211003 | * 2021-03-05 08:55:54 | * noted |
| * C3-211004 | * 2021-03-05 08:55:56 | * noted |
| * C3-211005 | * 2021-03-05 08:55:56 | * noted |
| * C3-211006 | * 2021-03-05 08:55:57 | * noted |
| * C3-211007 | * 2021-03-05 08:55:58 | * noted |
| * C3-211008 | * 2021-03-05 08:55:59 | * noted |
| * C3-211009 | * 2021-03-05 08:56:02 | * noted |
| * C3-211010 | * 2021-03-05 08:56:04 | * noted |
| * C3-211011 | * 2021-03-05 15:56:44 | * noted |
| * C3-211012 | * 2021-03-04 12:46:59 | * revised |
| * C3-211013 | * 2021-02-24 13:07:02 | * noted |
| * C3-211013 | * 2021-02-24 13:07:23 | * approved |
| * C3-211014 | * 2021-03-05 13:23:52 | * noted |
| * C3-211014 | * 2021-03-05 13:24:01 | * available |
| * C3-211014 | * 2021-03-05 13:28:48 | * noted |
| * C3-211015 | * 2021-03-05 13:28:48 | * noted |
| * C3-211016 | * 2021-02-24 14:22:51 | * revised |
| * C3-211017 | * 2021-03-04 13:04:16 | * agreed |
| * C3-211018 | * 2021-03-04 13:04:16 | * agreed |
| * C3-211019 | * 2021-03-04 13:04:17 | * agreed |
| * C3-211020 | * 2021-03-04 13:04:18 | * agreed |
| * C3-211021 | * 2021-03-04 13:04:18 | * agreed |
| * C3-211022 | * 2021-03-04 13:04:19 | * agreed |
| * C3-211023 | * 2021-03-05 13:23:45 | * noted |
| * C3-211024 | * 2021-02-24 13:11:32 | * noted |
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| * C3-211026 | * 2021-02-24 13:10:30 | * noted |
| * C3-211027 | * 2021-02-24 13:13:50 | * noted |
| * C3-211028 | * 2021-02-24 13:18:06 | * noted |
| * C3-211029 | * 2021-02-24 13:19:03 | * noted |
| * C3-211030 | * 2021-02-24 13:20:10 | * noted |
| * C3-211031 | * 2021-03-03 13:17:50 | * agreed |
| * C3-211032 | * 2021-03-03 13:22:15 | * agreed |
| * C3-211033 | * 2021-03-03 13:22:16 | * agreed |
| * C3-211034 | * 2021-03-05 08:55:48 | * noted |
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| * C3-211038 | * 2021-03-01 13:40:08 | * revised |
| * C3-211039 | * 2021-03-01 13:21:42 | * revised |
| * C3-211040 | * 2021-03-01 13:21:50 | * revised |
| * C3-211041 | * 2021-03-04 13:19:53 | * agreed |
| * C3-211042 | * 2021-03-04 13:19:53 | * agreed |
| * C3-211052 | * 2021-03-04 13:26:17 | * agreed |
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| * C3-211059 | * 2021-03-05 13:08:01 | * postponed |
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| * C3-211096 | * 2021-03-03 09:10:22 | * revised |
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| * C3-211098 | * 2021-02-26 13:22:37 | * revised |
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| * C3-211110 | * 2021-02-26 13:25:57 | * revised |
| * C3-211111 | * 2021-02-26 13:26:13 | * revised |
| * C3-211112 | * 2021-02-26 13:26:24 | * revised |
| * C3-211113 | * 2021-03-03 13:33:07 | * agreed |
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| * C3-211115 | * 2021-03-01 13:22:52 | * revised |
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| * C3-211117 | * 2021-02-25 14:18:16 | * revised |
| * C3-211118 | * 2021-02-25 14:18:49 | * revised |
| * C3-211119 | * 2021-02-25 14:19:16 | * revised |
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| * C3-211122 | * 2021-02-25 14:22:18 | * revised |
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| * C3-211125 | * 2021-03-03 13:53:26 | * agreed |
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| * C3-211128 | * 2021-02-25 13:56:36 | * revised |
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| * C3-211131 | * 2021-03-04 13:06:38 | * agreed |
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| * C3-211147 | * 2021-03-02 13:16:51 | * merged |
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| * C3-211599 | * 2021-03-03 14:23:17 | * agreed |
| * C3-211600 | * 2021-03-04 14:18:12 | * agreed |
| * C3-211601 | * 2021-03-04 14:18:13 | * agreed |
| * C3-211602 | * 2021-03-04 13:24:22 | * agreed |
| * C3-211603 | * 2021-03-04 13:24:14 | * agreed |
| * C3-211604 | * 2021-03-04 13:24:18 | * agreed |
| * C3-211605 | * 2021-03-04 13:24:22 | * agreed |
| * C3-211606 | * 2021-03-03 13:02:50 | * noted |
| * C3-211607 | * 2021-03-03 14:43:56 | * endorsed |
| * C3-211608 | * 2021-03-04 14:05:33 | * endorsed |
| * C3-211609 | * 2021-03-04 13:19:22 | * agreed |
| * C3-211610 | * 2021-03-04 13:19:25 | * agreed |
| * C3-211611 | * 2021-03-04 13:03:55 | * noted |
| * C3-211612 | * 2021-03-04 14:08:03 | * agreed |
| * C3-211613 | * 2021-03-04 07:41:01 | * revised |
| * C3-211614 | * 2021-03-04 14:10:04 | * agreed |
| * C3-211615 | * 2021-03-04 14:18:02 | * agreed |
| * C3-211616 | * 2021-03-04 14:18:23 | * agreed |
| * C3-211617 | * 2021-03-04 14:18:25 | * agreed |
| * C3-211618 | * 2021-03-05 13:08:20 | * agreed |
| * C3-211619 | * 2021-03-05 13:08:21 | * agreed |
| * C3-211620 | * 2021-03-05 13:08:48 | * agreed |
| * C3-211621 | * 2021-03-04 14:22:38 | * agreed |
| * C3-211622 | * 2021-03-04 13:20:09 | * agreed |
| * C3-211622 | * 2021-03-04 13:21:30 | * revised |
| * C3-211623 | * 2021-03-04 13:20:11 | * agreed |
| * C3-211623 | * 2021-03-04 13:21:54 | * revised |
| * C3-211624 | * 2021-03-04 13:22:44 | * available |
| * C3-211624 | * 2021-03-04 13:22:59 | * agreed |
| * C3-211625 | * 2021-03-04 13:24:01 | * revised |
| * C3-211626 | * 2021-03-04 13:25:05 | * agreed |
| * C3-211627 | * 2021-03-04 13:25:10 | * agreed |
| * C3-211628 | * 2021-03-04 13:25:51 | * agreed |
| * C3-211629 | * 2021-03-04 13:25:53 | * agreed |
| * C3-211630 | * 2021-03-04 14:09:58 | * agreed |
| * C3-211631 | * 2021-03-12 10:55:57 | * agreed |
| * C3-211632 | * 2021-03-04 13:06:20 | * agreed |
| * C3-211633 | * 2021-03-04 13:06:22 | * agreed |
| * C3-211634 | * 2021-03-04 13:06:28 | * agreed |
| * C3-211634 | * 2021-03-05 08:52:42 | * revised |
| * C3-211635 | * 2021-03-12 10:55:08 | * noted |
| * C3-211636 | * 2021-03-05 13:28:47 | * noted |
| * C3-211637 | * 2021-03-05 13:02:54 | * agreed |
| * C3-211638 | * 2021-03-05 13:02:56 | * agreed |
| * C3-211639 | * 2021-03-05 13:02:58 | * agreed |
| * C3-211640 | * 2021-03-05 13:04:58 | * postponed |
| * C3-211641 | * 2021-03-05 13:05:11 | * agreed |
| * C3-211642 | * 2021-03-05 13:05:13 | * agreed |
| * C3-211643 | * 2021-03-05 13:02:18 | * agreed |
| * C3-211644 | * 2021-03-05 13:22:34 | * agreed |
| * C3-211645 | * 2021-03-05 13:21:44 | * agreed |
| * C3-211646 | * 2021-03-12 10:56:29 | * approved |
| * C3-211646 | * 2021-03-12 10:56:34 | * agreed |

## Annex B: List of change requests

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Document | Title | Source | Spec | CR | Rev | Rel | Cat | WI | Decision |
| * C3-211066 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.122 | * 0330 | * 3 | * Rel-16 | * F | * eV2XARC | * agreed |
| * C3-211067 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.122 | * 0331 | * 2 | * Rel-17 | * A | * eV2XARC | * agreed |
| * C3-211187 | * Last known location report | * Huawei | * 29.122 | * 0332 | * 2 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211188 | * Last known location report | * Huawei | * 29.122 | * 0333 | * 2 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211256 | * Support Stateless NFs for MonitoringEvent API | * Huawei | * 29.122 | * 0336 | * 2 | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211425 | * Support redirection for MonitoringEvent API | * Huawei | * 29.122 | * 0336 | * 3 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211257 | * Support Stateless NFs for MonitoringEvent API | * Huawei | * 29.122 | * 0337 | * 2 | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211426 | * Support redirection for MonitoringEvent API | * Huawei | * 29.122 | * 0337 | * 3 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211340 | * Updates to Application Identifier in ChargeableParty API | * Ericsson | * 29.122 | * 0341 | * 1 | * Rel-17 | * B | * NAPS-CT, TEI17 | * postponed |
| * C3-211341 | * Updates to Application Identifier in AsSessionWithQoS API | * Ericsson | * 29.122 | * 0342 | * 1 | * Rel-17 | * B | * NAPS-CT, TEI17 | * postponed |
| * C3-211350 | * Update DNN and S-NSSAI in ChargeableParty API | * Ericsson | * 29.122 | * 0347 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | * postponed |
| * C3-211352 | * Update DNN and S-NSSAI in AsSessionWithQoS API | * Ericsson | * 29.122 | * 0348 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | * postponed |
| * C3-211045 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.122 | * 0349 | * - | * Rel-16 | * F | * eV2XARC | * withdrawn |
| * C3-211046 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.122 | * 0350 | * - | * Rel-17 | * A | * eV2XARC | * withdrawn |
| * C3-211114 | * Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file | * Huawei | * 29.122 | * 0351 | * - | * Rel-16 | * F | * SBIProtoc16 | * not pursued |
| * C3-211115 | * Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file | * Huawei | * 29.122 | * 0352 | * - | * Rel-17 | * A | * SBIProtoc16 | * revised |
| * C3-211568 | * Removal of invalid tabulations is some attributes description in the MonitoringEvent API OpenAPI file | * Huawei | * 29.122 | * 0352 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211128 | * Text style correction | * Huawei | * 29.122 | * 0353 | * - | * Rel-17 | * F | * TEI17, NAPS-CT | * revised |
| * C3-211404 | * Text style correction | * Huawei | * 29.122 | * 0353 | * 1 | * Rel-17 | * D | * TEI17, NAPS-CT | * agreed |
| * C3-211185 | * Supported features within ProblemDetails | * Huawei | * 29.122 | * 0354 | * - | * Rel-16 | * F | * eNAPIs | * not pursued |
| * C3-211186 | * Supported features within ProblemDetails | * Huawei | * 29.122 | * 0355 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211391 | * Supported features within ProblemDetails | * Huawei | * 29.122 | * 0355 | * 1 | * Rel-17 | * B | * TEI17, eNAPIs | * agreed |
| * C3-211199 | * Custom headers definition for Northbound APIs | * Huawei | * 29.122 | * 0356 | * - | * Rel-17 | * B | * SBIProtoc17 | * revised |
| * C3-211490 | * Custom headers definition for Northbound APIs | * Huawei | * 29.122 | * 0356 | * 1 | * Rel-17 | * B | * SBIProtoc17 | * agreed |
| * C3-211251 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0357 | * - | * Rel-15 | * F | * NAPS-CT | * revised |
| * C3-211378 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0357 | * 1 | * Rel-15 | * F | * NAPS-CT | * revised |
| * C3-211586 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0357 | * 2 | * Rel-15 | * F | * NAPS-CT | * agreed |
| * C3-211252 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0358 | * - | * Rel-16 | * A | * NAPS-CT | * revised |
| * C3-211379 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0358 | * 1 | * Rel-16 | * A | * NAPS-CT | * revised |
| * C3-211587 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0358 | * 2 | * Rel-16 | * A | * NAPS-CT | * agreed |
| * C3-211253 | * Corrections on ChargeableParty API and AsSessionWithQoS API | * Huawei | * 29.122 | * 0359 | * - | * Rel-17 | * A | * NAPS-CT | * revised |
| * C3-211588 | * Notification URI Correction for AsSessionWithQoS API | * Huawei | * 29.122 | * 0359 | * 1 | * Rel-17 | * F | * TEI17, NAPS-CT | * agreed |
| * C3-211258 | * Support stateless NFs for NIDD API | * Huawei | * 29.122 | * 0360 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211427 | * Support redirection for NIDD API | * Huawei | * 29.122 | * 0360 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211259 | * Support stateless NFs for NIDD API | * Huawei | * 29.122 | * 0361 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211428 | * Support redirection for NIDD API | * Huawei | * 29.122 | * 0361 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211260 | * Support stateless NFs for ChargeableParty API | * Huawei | * 29.122 | * 0362 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211429 | * Support redirection for ChargeableParty API | * Huawei | * 29.122 | * 0362 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211261 | * Support stateless NFs for ChargeableParty API | * Huawei | * 29.122 | * 0363 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211430 | * Support redirection for ChargeableParty API | * Huawei | * 29.122 | * 0363 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211262 | * Support stateless NFs for CpProvisioning API | * Huawei | * 29.122 | * 0364 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211431 | * Support redirection for CpProvisioning API | * Huawei | * 29.122 | * 0364 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211263 | * Support stateless NFs for CpProvisioning API | * Huawei | * 29.122 | * 0365 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211432 | * Support redirection for CpProvisioning API | * Huawei | * 29.122 | * 0365 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211264 | * Support stateless NFs for DeviceTriggering API | * Huawei | * 29.122 | * 0366 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211433 | * Support redirection for DeviceTriggering API | * Huawei | * 29.122 | * 0366 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211265 | * Support stateless NFs for DeviceTriggering API | * Huawei | * 29.122 | * 0367 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211434 | * Support redirection for DeviceTriggering API | * Huawei | * 29.122 | * 0367 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211266 | * Support stateless NFs for AsSessionWithQoS API | * Huawei | * 29.122 | * 0368 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211435 | * Support redirection for AsSessionWithQoS API | * Huawei | * 29.122 | * 0368 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211267 | * Support stateless NFs for AsSessionWithQoS API | * Huawei | * 29.122 | * 0369 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211436 | * Support redirection for AsSessionWithQoS API | * Huawei | * 29.122 | * 0369 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211268 | * Support stateless NFs for ECRControl API | * Huawei | * 29.122 | * 0370 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211437 | * Support redirection for ECRControl API | * Huawei | * 29.122 | * 0370 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211269 | * Support stateless NFs for ECRControl API | * Huawei | * 29.122 | * 0371 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211438 | * Support redirection for ECRControl API | * Huawei | * 29.122 | * 0371 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211270 | * Support stateless NFs for MsisdnLessMoSms API | * Huawei | * 29.122 | * 0372 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211439 | * Support redirection for MsisdnLessMoSms API | * Huawei | * 29.122 | * 0372 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211271 | * Support stateless NFs for MsisdnLessMoSms API | * Huawei | * 29.122 | * 0373 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211440 | * Support redirection for MsisdnLessMoSms API | * Huawei | * 29.122 | * 0373 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211272 | * Support stateless NFs for NpConfiguration API | * Huawei | * 29.122 | * 0374 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211441 | * Support redirection for NpConfiguration API | * Huawei | * 29.122 | * 0374 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211273 | * Support stateless NFs for NpConfiguration API | * Huawei | * 29.122 | * 0375 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211442 | * Support redirection for NpConfiguration API | * Huawei | * 29.122 | * 0375 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211274 | * Support stateless NFs for PfdManagement API | * Huawei | * 29.122 | * 0376 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211443 | * Support redirection for PfdManagement API | * Huawei | * 29.122 | * 0376 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211275 | * Support stateless NFs for PfdManagement API | * Huawei | * 29.122 | * 0377 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211444 | * Support redirection for PfdManagement API | * Huawei | * 29.122 | * 0377 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211276 | * Support stateless NFs for RacsParameterProvisioning API | * Huawei | * 29.122 | * 0378 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211445 | * Support redirection for RacsParameterProvisioning API | * Huawei | * 29.122 | * 0378 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211277 | * Support stateless NFs for RacsParameterProvisioning API | * Huawei | * 29.122 | * 0379 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211446 | * Support redirection for RacsParameterProvisioning API | * Huawei | * 29.122 | * 0379 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211278 | * Support stateless NFs for ResourceManagementOfBdt API | * Huawei | * 29.122 | * 0380 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211447 | * Support redirection for ResourceManagementOfBdt API | * Huawei | * 29.122 | * 0380 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211279 | * Support stateless NFs for ResourceManagementOfBdt API | * Huawei | * 29.122 | * 0381 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211448 | * Support redirection for ResourceManagementOfBdt API | * Huawei | * 29.122 | * 0381 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211310 | * Usage threshold update | * Huawei | * 29.122 | * 0382 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211511 | * Usage threshold update | * Huawei, Ericsson | * 29.122 | * 0382 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211311 | * Usage threshold update | * Huawei | * 29.122 | * 0383 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211512 | * Usage threshold update | * Huawei, Ericsson | * 29.122 | * 0383 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211330 | * Updates to Location Failure Cause | * Ericsson | * 29.122 | * 0384 | * - | * Rel-16 | * F | * 5G\_eLCS | * revised |
| * C3-211509 | * Updates to Location Failure Cause | * Ericsson | * 29.122 | * 0384 | * 1 | * Rel-16 | * F | * 5G\_eLCS | * agreed |
| * C3-211331 | * Updates to Location Failure Cause | * Ericsson | * 29.122 | * 0385 | * - | * Rel-17 | * A | * 5G\_eLCS | * revised |
| * C3-211510 | * Updates to Location Failure Cause | * Ericsson | * 29.122 | * 0385 | * 1 | * Rel-17 | * A | * 5G\_eLCS | * agreed |
| * C3-211356 | * Resource allocation status | * Ericsson | * 29.122 | * 0386 | * - | * Rel-16 | * F | * NAPS-CT, TEI16 | * revised |
| * C3-211641 | * Resource allocation status | * Ericsson | * 29.122 | * 0386 | * 1 | * Rel-16 | * F | * NAPS-CT, TEI16 | * agreed |
| * C3-211357 | * Resource allocation status | * Ericsson | * 29.122 | * 0387 | * - | * Rel-17 | * A | * NAPS-CT, TEI16 | * revised |
| * C3-211642 | * Resource allocation status | * Ericsson | * 29.122 | * 0387 | * 1 | * Rel-17 | * A | * NAPS-CT, TEI16 | * agreed |
| * C3-211520 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.122 | * 0388 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211534 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.122 | * 0389 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211138 | * Correction of the incorrect SIP header name and value | * NTT corporation | * 29.163 | * 1075 | * - | * Rel-17 | * F | * TEI17 | * revised |
| * C3-211423 | * Correction of the incorrect SIP header name and value | * NTT corporation | * 29.163 | * 1075 | * 1 | * Rel-17 | * F | * TEI17, IMS-CCR-IWCS | * agreed |
| * C3-211017 | * Reference update: RFC 8841 | * Ericsson | * 29.165 | * 1018 | * - | * Rel-12 | * F | * IMS\_TELEP | * agreed |
| * C3-211018 | * Reference update: RFC 8841 | * Ericsson | * 29.165 | * 1019 | * - | * Rel-13 | * A | * IMS\_TELEP | * agreed |
| * C3-211019 | * Reference update: RFC 8841 | * Ericsson | * 29.165 | * 1020 | * - | * Rel-14 | * A | * IMS\_TELEP | * agreed |
| * C3-211020 | * Reference update: RFC 8841 | * Ericsson | * 29.165 | * 1021 | * - | * Rel-15 | * A | * IMS\_TELEP | * agreed |
| * C3-211021 | * Reference update: RFC 8841 | * Ericsson | * 29.165 | * 1022 | * - | * Rel-16 | * A | * IMS\_TELEP | * agreed |
| * C3-211022 | * Reference update: RFC 8841 | * Ericsson | * 29.165 | * 1023 | * - | * Rel-17 | * A | * IMS\_TELEP | * agreed |
| * C3-211200 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * 29.222 | * 0165 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211491 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * 29.222 | * 0165 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211332 | * OpenAPI reference | * Ericsson | * 29.222 | * 0166 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211323 | * Support IPv4v6 dual stack BMSC Address | * Ericsson | * 29.468 | * 0057 | * - | * Rel-17 | * B | * TEI17, GCSE\_LTE-CT | * revised |
| * C3-211407 | * Support IPv4v6 dual stack BMSC Address | * Ericsson | * 29.468 | * 0057 | * 1 | * Rel-17 | * B | * TEI17, GCSE\_LTE-CT | * agreed |
| * C3-211075 | * Support of stateless NFs | * Huawei | * 29.486 | * 0014 | * 2 | * Rel-17 | * B | * TEI17, V2XAPP | * revised |
| * C3-211499 | * Support Redirection for V2XAPP APIs | * Huawei | * 29.486 | * 0014 | * 3 | * Rel-17 | * F | * TEI17, V2XAPP | * agreed |
| * C3-211052 | * Error handling of 29.486 | * Huawei | * 29.486 | * 0015 | * - | * Rel-16 | * F | * V2XAPP | * agreed |
| * C3-211057 | * Support of stateless NFs | * Huawei | * 29.486 | * 0016 | * - | * Rel-17 | * B | * TEI17, V2XAPP | * withdrawn |
| * C3-211097 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.486 | * 0017 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211480 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.486 | * 0017 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211201 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * 29.486 | * 0018 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211333 | * OpenAPI reference | * Ericsson | * 29.486 | * 0019 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211541 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.486 | * 0020 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211031 | * Clarification on optional HTTP custom headers | * Nokia, Nokia Shanghai Bell | * 29.507 | * 0156 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211058 | * Clarification of backup AMF address | * Huawei | * 29.507 | * 0157 | * - | * Rel-17 | * B | * TEI17, 5GS\_Ph1-CT | * postponed |
| * C3-211060 | * Clarification of update operation | * Huawei | * 29.507 | * 0158 | * - | * Rel-17 | * B | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211409 | * Clarification of update operation | * Huawei | * 29.507 | * 0158 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211078 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.507 | * 0159 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211495 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.507 | * 0159 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211098 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.507 | * 0160 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211481 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.507 | * 0160 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211345 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * 29.507 | * 0161 | * - | * Rel-16 | * F | * 5G\_eSBA | * agreed |
| * C3-211347 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * 29.507 | * 0162 | * - | * Rel-17 | * A | * 5G\_eSBA | * agreed |
| * C3-211355 | * Correction to Service Area Restrictions | * Ericsson | * 29.507 | * 0163 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211419 | * Correction to Service Area Restrictions | * Ericsson | * 29.507 | * 0163 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211523 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.507 | * 0164 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211537 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.507 | * 0165 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211032 | * Clarification on optional HTTP custom headers | * Nokia, Nokia Shanghai Bell | * 29.508 | * 0119 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211039 | * Correction to DDD status event detection | * Huawei | * 29.508 | * 0120 | * - | * Rel-16 | * F | * 5G\_CIoT | * revised |
| * C3-211566 | * Correction to DDD status event detection | * Huawei | * 29.508 | * 0120 | * 1 | * Rel-16 | * F | * 5G\_CIoT | * agreed |
| * C3-211040 | * Correction to DDD status event detection | * Huawei | * 29.508 | * 0121 | * - | * Rel-17 | * A | * 5G\_CIoT | * revised |
| * C3-211567 | * Correction to DDD status event detection | * Huawei | * 29.508 | * 0121 | * 1 | * Rel-17 | * A | * 5G\_CIoT | * agreed |
| * C3-211041 | * Correction to DDD status event subscription | * Huawei | * 29.508 | * 0122 | * - | * Rel-16 | * F | * 5G\_CIoT | * agreed |
| * C3-211042 | * Correction to DDD status event subscription | * Huawei | * 29.508 | * 0123 | * - | * Rel-17 | * A | * 5G\_CIoT | * agreed |
| * C3-211079 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.508 | * 0124 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211496 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.508 | * 0124 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211099 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.508 | * 0125 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211219 | * alignment of dnaiChgType attribute | * ZTE | * 29.508 | * 0126 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211220 | * alignment of dnaiChgType attribute | * ZTE | * 29.508 | * 0127 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211221 | * alignment of dnaiChgType attribute | * ZTE | * 29.508 | * 0128 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211524 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.508 | * 0129 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211542 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.508 | * 0130 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211062 | * Support of stateless NFs | * Huawei | * 29.512 | * 0650 | * 2 | * Rel-16 | * F | * 5G\_eSBA | * agreed |
| * C3-211063 | * Support of stateless NFs | * Huawei | * 29.512 | * 0651 | * 2 | * Rel-17 | * A | * 5G\_eSBA | * agreed |
| * C3-211064 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.512 | * 0656 | * 2 | * Rel-16 | * F | * eV2XARC | * revised |
| * C3-211575 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.512 | * 0656 | * 3 | * Rel-16 | * F | * eV2XARC | * agreed |
| * C3-211065 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.512 | * 0657 | * 2 | * Rel-17 | * A | * eV2XARC | * revised |
| * C3-211576 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.512 | * 0657 | * 3 | * Rel-17 | * A | * eV2XARC | * agreed |
| * C3-211071 | * Policy control for redundant PDU session | * Huawei | * 29.512 | * 0658 | * 1 | * Rel-16 | * F | * 5G\_URLLC | * merged |
| * C3-211072 | * Policy control for redundant PDU session | * Huawei | * 29.512 | * 0659 | * 1 | * Rel-17 | * A | * 5G\_URLLC | * merged |
| * C3-211358 | * Redundant User Plane Paths | * Ericsson | * 29.512 | * 0663 | * 2 | * Rel-16 | * F | * 5G\_URLLC | * revised |
| * C3-211578 | * Redundant User Plane Paths | * Ericsson, Huawei | * 29.512 | * 0663 | * 3 | * Rel-16 | * F | * 5G\_URLLC | * agreed |
| * C3-211359 | * Redundant User Plane Paths | * Ericsson | * 29.512 | * 0664 | * 2 | * Rel-17 | * A | * 5G\_URLLC | * revised |
| * C3-211579 | * Redundant User Plane Paths | * Ericsson, Huawei | * 29.512 | * 0664 | * 3 | * Rel-17 | * A | * 5G\_URLLC | * agreed |
| * C3-211316 | * Correction to access type conditioned session rule | * Ericsson | * 29.512 | * 0673 | * 2 | * Rel-17 | * A | * ATSSS | * revised |
| * C3-211572 | * Correction to access type conditioned session rule | * Ericsson | * 29.512 | * 0673 | * 3 | * Rel-17 | * A | * ATSSS | * agreed |
| * C3-211342 | * Correction to "resourceUri" attribute description | * Ericsson | * 29.512 | * 0674 | * 2 | * Rel-16 | * F | * 5G\_eSBA | * revised |
| * C3-211562 | * Correction to "resourceUri" attribute description | * Ericsson | * 29.512 | * 0674 | * 3 | * Rel-16 | * F | * 5G\_eSBA | * agreed |
| * C3-211343 | * Correction to "resourceUri" attribute description | * Ericsson | * 29.512 | * 0675 | * 2 | * Rel-17 | * A | * 5G\_eSBA | * agreed |
| * C3-211035 | * Support of stateless NFs | * Huawei | * 29.512 | * 0683 | * - | * Rel-16 | * F | * 5G\_eSBA | * withdrawn |
| * C3-211036 | * Support of stateless NFs | * Huawei | * 29.512 | * 0684 | * - | * Rel-17 | * F | * 5G\_eSBA | * withdrawn |
| * C3-211037 | * Correction to traffic correlation indication | * Huawei | * 29.512 | * 0685 | * - | * Rel-16 | * F | * Vertical\_LAN | * revised |
| * C3-211573 | * Correction to traffic correlation indication | * Huawei | * 29.512 | * 0685 | * 1 | * Rel-16 | * F | * Vertical\_LAN | * revised |
| * C3-211609 | * Correction to traffic correlation indication | * Huawei | * 29.512 | * 0685 | * 2 | * Rel-16 | * F | * Vertical\_LAN | * agreed |
| * C3-211038 | * Correction to traffic correlation indication | * Huawei | * 29.512 | * 0686 | * - | * Rel-17 | * A | * Vertical\_LAN | * revised |
| * C3-211574 | * Correction to traffic correlation indication | * Huawei | * 29.512 | * 0686 | * 1 | * Rel-17 | * A | * Vertical\_LAN | * revised |
| * C3-211610 | * Correction to traffic correlation indication | * Huawei | * 29.512 | * 0686 | * 2 | * Rel-17 | * A | * Vertical\_LAN | * agreed |
| * C3-211043 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.512 | * 0687 | * - | * Rel-16 | * F | * eV2XARC | * withdrawn |
| * C3-211044 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.512 | * 0688 | * - | * Rel-17 | * A | * eV2XARC | * withdrawn |
| * C3-211050 | * Policy control for redundant PDU session | * Huawei | * 29.512 | * 0689 | * - | * Rel-16 | * F | * 5G\_URLLC | * withdrawn |
| * C3-211051 | * Policy control for redundant PDU session | * Huawei | * 29.512 | * 0690 | * - | * Rel-17 | * A | * 5G\_URLLC | * withdrawn |
| * C3-211100 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.512 | * 0691 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211482 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.512 | * 0691 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211116 | * Additional corrections to the Npcf\_SMPolicyControl\_Create service operation | * Huawei | * 29.512 | * 0692 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211411 | * Additional corrections to the Npcf\_SMPolicyControl\_Create service operation | * Huawei | * 29.512 | * 0692 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211117 | * Miscellaneous corrections to the Npcf\_SMPolicyControl\_Delete service operation | * Huawei | * 29.512 | * 0693 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211412 | * Miscellaneous corrections to the Npcf\_SMPolicyControl\_Delete service operation | * Huawei | * 29.512 | * 0693 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211118 | * Miscellaneous corrections to the Provisioning and Enforcement of Policy Decisions clause | * Huawei | * 29.512 | * 0694 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211413 | * Miscellaneous corrections to the Provisioning and Enforcement of Policy Decisions clause | * Huawei | * 29.512 | * 0694 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211119 | * Miscellaneous corrections to the data types defined in the Npcf\_SMPolicyControl API | * Huawei | * 29.512 | * 0695 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211414 | * Miscellaneous corrections to the data types defined in the Npcf\_SMPolicyControl API | * Huawei | * 29.512 | * 0695 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211120 | * Corrections of a reference to an non-existent subclause | * Huawei | * 29.512 | * 0696 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211121 | * Corrections to the P-CSCF restoration indication mechanism | * Huawei | * 29.512 | * 0697 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211415 | * Corrections to the P-CSCF restoration indication mechanism | * Huawei | * 29.512 | * 0697 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211122 | * Reference to the wrong attribute name for the QoS Monitoring Decision | * Huawei | * 29.512 | * 0698 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211416 | * Reference to the wrong attribute name for the QoS Monitoring Decision | * Huawei | * 29.512 | * 0698 | * 1 | * Rel-17 | * F | * TEI17, 5G\_URLLC | * agreed |
| * C3-211129 | * Correction of a reference to the wrong attribute name for the reported presence reporting area information | * Huawei | * 29.512 | * 0699 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211130 | * Correction of a reference to the wrong attribute name for the reported presence reporting area information | * Huawei | * 29.512 | * 0700 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211131 | * Correction of a reference to the wrong attribute name for the reported presence reporting area information | * Huawei | * 29.512 | * 0701 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211132 | * Correction of some references to the repPolicyCtrlReqTriggers attribute | * Huawei | * 29.512 | * 0702 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * merged |
| * C3-211133 | * Correction of some references to the repPolicyCtrlReqTriggers attribute | * Huawei | * 29.512 | * 0703 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * merged |
| * C3-211134 | * Correction of some references to the repPolicyCtrlReqTriggers attribute | * Huawei | * 29.512 | * 0704 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * merged |
| * C3-211135 | * Correction of the SteerModeValue attribute name in the Npcf\_SMPolicyControl specific Data Types table | * Huawei | * 29.512 | * 0705 | * - | * Rel-16 | * F | * ATSSS | * agreed |
| * C3-211136 | * Correction of the SteerModeValue attribute name in the Npcf\_SMPolicyControl specific Data Types table | * Huawei | * 29.512 | * 0706 | * - | * Rel-17 | * A | * ATSSS | * agreed |
| * C3-211137 | * Corrections to the applicability column of the SmPolicyDeleteData data type | * Huawei | * 29.512 | * 0707 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211142 | * Correction to authDefQos attribute | * Huawei | * 29.512 | * 0708 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211584 | * Correction to authDefQos attribute | * Huawei | * 29.512 | * 0708 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211143 | * Correction to authDefQos attribute | * Huawei | * 29.512 | * 0709 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211589 | * Correction to authDefQos attribute | * Huawei | * 29.512 | * 0709 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211144 | * Correction to authDefQos attribute | * Huawei | * 29.512 | * 0710 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211590 | * Correction to authDefQos attribute | * Huawei | * 29.512 | * 0710 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211145 | * Correction to authorized explicitly signalled QoS Characteristics | * Huawei | * 29.512 | * 0711 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * merged |
| * C3-211146 | * Correction to authorized explicitly signalled QoS Characteristics | * Huawei | * 29.512 | * 0712 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * merged |
| * C3-211147 | * Correction to authorized explicitly signalled QoS Characteristics | * Huawei | * 29.512 | * 0713 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * merged |
| * C3-211149 | * Correction to the GBR type of default QoS flow | * Huawei | * 29.512 | * 0714 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211474 | * Correction to the GBR type of default QoS flow | * Huawei | * 29.512 | * 0714 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211150 | * Correction to the GBR type of default QoS flow | * Huawei | * 29.512 | * 0715 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211475 | * Correction to the GBR type of default QoS flow | * Huawei | * 29.512 | * 0715 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211151 | * Correction to the GBR type of default QoS flow | * Huawei | * 29.512 | * 0716 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211476 | * Correction to the GBR type of default QoS flow | * Huawei | * 29.512 | * 0716 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211163 | * Failure handling of PCC rule for QoS monitoring | * Huawei | * 29.512 | * 0717 | * - | * Rel-16 | * F | * 5G\_URLLC | * postponed |
| * C3-211164 | * Failure handling of PCC rule for QoS monitoring | * Huawei | * 29.512 | * 0718 | * - | * Rel-17 | * A | * 5G\_URLLC | * postponed |
| * C3-211165 | * QoS flow binding for QoS monitoring | * Huawei | * 29.512 | * 0719 | * - | * Rel-16 | * F | * 5G\_URLLC | * withdrawn |
| * C3-211166 | * QoS flow binding for QoS monitoring | * Huawei | * 29.512 | * 0720 | * - | * Rel-17 | * A | * 5G\_URLLC | * withdrawn |
| * C3-211171 | * The apiSpecificResourceUriPart component | * Ericsson | * 29.512 | * 0721 | * - | * Rel-16 | * F | * SBIProtoc16 | * agreed |
| * C3-211172 | * The apiSpecificResourceUriPart component | * Ericsson | * 29.512 | * 0722 | * - | * Rel-17 | * A | * SBIProtoc16 | * agreed |
| * C3-211183 | * NF service consumer terminology | * Huawei | * 29.512 | * 0723 | * - | * Rel-17 | * B | * SBIProtoc17 | * revised |
| * C3-211489 | * NF service consumer terminology | * Huawei | * 29.512 | * 0723 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211184 | * Optional header clarification | * Huawei | * 29.512 | * 0724 | * - | * Rel-17 | * B | * SBIProtoc17 | * agreed |
| * C3-211203 | * Corrections to RuleOperation | * ZTE | * 29.512 | * 0725 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211591 | * Corrections to RuleOperation | * ZTE | * 29.512 | * 0725 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211204 | * Corrections to RuleOperation | * ZTE | * 29.512 | * 0726 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211592 | * Corrections to RuleOperation | * ZTE | * 29.512 | * 0726 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211205 | * Corrections to RuleOperation | * ZTE | * 29.512 | * 0727 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211593 | * Corrections to RuleOperation | * ZTE | * 29.512 | * 0727 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211206 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * 29.512 | * 0728 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211594 | * repPolicyCtrlReqTriggers attribute correction | * ZTE, Huawei | * 29.512 | * 0728 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211207 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * 29.512 | * 0729 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211595 | * repPolicyCtrlReqTriggers attribute correction | * ZTE, Huawei | * 29.512 | * 0729 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211208 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * 29.512 | * 0730 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211596 | * repPolicyCtrlReqTriggers attribute correction | * ZTE | * 29.512 | * 0730 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211209 | * Correction to session rule | * ZTE | * 29.512 | * 0731 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211210 | * Correction to session rule | * ZTE | * 29.512 | * 0732 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211211 | * Correction to session rule | * ZTE | * 29.512 | * 0733 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211222 | * deactivationTime for time conditioned session rule | * ZTE | * 29.512 | * 0734 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211417 | * deactivationTime for time conditioned session rule | * ZTE | * 29.512 | * 0734 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211223 | * Remove exUsagePccRuleIds from PCC rule definition | * ZTE | * 29.512 | * 0735 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211620 | * Remove exUsagePccRuleIds from PCC rule definition | * ZTE | * 29.512 | * 0735 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211224 | * same UsageMonitoringData referenced by time-conditioned sessionRule | * ZTE | * 29.512 | * 0736 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * merged |
| * C3-211231 | * packFiltInfo attribute correction | * ZTE | * 29.512 | * 0737 | * - | * Rel-16 | * F | * TEI16, 5GS\_Ph1-CT | * agreed |
| * C3-211232 | * packFiltInfo attribute correction | * ZTE | * 29.512 | * 0738 | * - | * Rel-17 | * A | * TEI16, 5GS\_Ph1-CT | * agreed |
| * C3-211304 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0739 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211632 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0739 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211305 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0740 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211633 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0740 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211306 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0741 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211634 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0741 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211643 | * Correction to PCF behavior when removing PCC/Session rules | * Ericsson, China Mobile | * 29.512 | * 0741 | * 2 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211360 | * Correction on UE initiated PDU session modification | * Ericsson | * 29.512 | * 0742 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211420 | * Correction on UE initiated PDU session modification | * Ericsson | * 29.512 | * 0742 | * 1 | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211361 | * Correction to conditioned rules | * Ericsson | * 29.512 | * 0743 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211421 | * Correction to conditioned rules | * Ericsson | * 29.512 | * 0743 | * 1 | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211362 | * Correction to Usage Monitoring | * Ericsson | * 29.512 | * 0744 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211418 | * Correction to Usage Monitoring | * Ericsson, ZTE | * 29.512 | * 0744 | * 1 | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211367 | * Clarification about handling of valid unreferred policy decisions | * Ericsson | * 29.512 | * 0745 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211422 | * Clarification about handling of valid unreferred policy decisions | * Ericsson | * 29.512 | * 0745 | * 1 | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211515 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.512 | * 0746 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211519 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.512 | * 0747 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211532 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.512 | * 0748 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211073 | * Procedure of notification push update | * Huawei | * 29.513 | * 0219 | * 2 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211392 | * Procedure of notification push update | * Huawei, Ericsson, China Telecom | * 29.513 | * 0219 | * 3 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211644 | * Procedure of notification push update | * Huawei, Ericsson, China Telecom | * 29.513 | * 0219 | * 4 | * Rel-17 | * B | * pfdManEnh | * agreed |
| * C3-211074 | * Procedure of partial pull | * Huawei | * 29.513 | * 0220 | * 2 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211393 | * Procedure of partial pull | * Huawei, Ericsson, China Telecom | * 29.513 | * 0220 | * 3 | * Rel-17 | * B | * pfdManEnh | * agreed |
| * C3-211315 | * Correction to AM Policy Control for Wireline and Wireless Convergence feature | * Ericsson | * 29.513 | * 0221 | * 2 | * Rel-16 | * F | * 5WWC | * agreed |
| * C3-211233 | * QoS monitoring procedure | * ZTE, Huawei | * 29.513 | * 0227 | * 2 | * Rel-16 | * F | * 5G\_URLLC | * revised |
| * C3-211628 | * QoS monitoring procedure | * ZTE, Huawei | * 29.513 | * 0227 | * 3 | * Rel-16 | * F | * 5G\_URLLC, en5GPccSer | * agreed |
| * C3-211234 | * QoS monitoring procedure | * ZTE, Huawei | * 29.513 | * 0228 | * 2 | * Rel-17 | * A | * 5G\_URLLC | * revised |
| * C3-211629 | * QoS monitoring procedure | * ZTE, Huawei | * 29.513 | * 0228 | * 3 | * Rel-17 | * A | * 5G\_URLLC, en5GPccSer | * agreed |
| * C3-211055 | * Procedure of notification push update | * Huawei | * 29.513 | * 0235 | * - | * Rel-17 | * B | * pfdManEnh | * withdrawn |
| * C3-211056 | * Procedure of partial pull | * Huawei | * 29.513 | * 0236 | * - | * Rel-17 | * B | * pfdManEnh | * withdrawn |
| * C3-211152 | * Determination of the default QoS flow | * Huawei | * 29.513 | * 0237 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211477 | * Determination of the default QoS flow | * Huawei | * 29.513 | * 0237 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211153 | * Determination of the default QoS flow | * Huawei | * 29.513 | * 0238 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211478 | * Determination of the default QoS flow | * Huawei | * 29.513 | * 0238 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211154 | * Determination of the default QoS flow | * Huawei | * 29.513 | * 0239 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211479 | * Determination of the default QoS flow | * Huawei | * 29.513 | * 0239 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211155 | * Correction to table 7.4.1 | * Huawei | * 29.513 | * 0240 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * not pursued |
| * C3-211156 | * Correction to table 7.4.1 | * Huawei | * 29.513 | * 0241 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * not pursued |
| * C3-211157 | * Correction to table 7.4.1 | * Huawei | * 29.513 | * 0242 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211597 | * Correction to table 7.4.1 | * Huawei | * 29.513 | * 0242 | * 1 | * Rel-17 | * F | * TEI17, eIMS5G\_SBA | * agreed |
| * C3-211158 | * Correction to Notification URI | * Huawei | * 29.513 | * 0243 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211159 | * Correction to Notification URI | * Huawei | * 29.513 | * 0244 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211598 | * Correction to Notification URI | * Huawei | * 29.513 | * 0244 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211160 | * Correction to Notification URI | * Huawei | * 29.513 | * 0245 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211161 | * Update the scope to support race condition handling | * Huawei | * 29.513 | * 0246 | * - | * Rel-16 | * F | * en5GPccSer | * merged |
| * C3-211162 | * Update the scope to support race condition handling | * Huawei | * 29.513 | * 0247 | * - | * Rel-17 | * A | * en5GPccSer | * merged |
| * C3-211213 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * 29.513 | * 0248 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * not pursued |
| * C3-211214 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * 29.513 | * 0249 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * not pursued |
| * C3-211215 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * 29.513 | * 0250 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211599 | * Correction to Network data analytics Unsubscribe procedure | * ZTE | * 29.513 | * 0250 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211229 | * PFD change subscription modification procedure | * ZTE | * 29.513 | * 0251 | * - | * Rel-16 | * F | * TEI16, 5GS\_Ph1-CT | * agreed |
| * C3-211230 | * PFD change subscription modification procedure | * ZTE | * 29.513 | * 0252 | * - | * Rel-17 | * A | * TEI16, 5GS\_Ph1-CT | * agreed |
| * C3-211317 | * Correction to SamePcf Feature | * Ericsson | * 29.513 | * 0253 | * - | * Rel-16 | * F | * en5GPccSer | * revised |
| * C3-211569 | * Correction to SamePcf Feature | * Ericsson | * 29.513 | * 0253 | * 1 | * Rel-16 | * F | * en5GPccSer | * agreed |
| * C3-211318 | * Correction to SamePcf Feature | * Ericsson | * 29.513 | * 0254 | * - | * Rel-17 | * A | * en5GPccSer | * revised |
| * C3-211570 | * Correction to SamePcf Feature | * Ericsson | * 29.513 | * 0254 | * 1 | * Rel-17 | * A | * en5GPccSer | * agreed |
| * C3-211381 | * QoS flow binding for QoS monitoring | * Huawei | * 29.513 | * 0255 | * - | * Rel-16 | * F | * 5G\_URLLC | * revised |
| * C3-211580 | * QoS flow binding for QoS monitoring | * Huawei | * 29.513 | * 0255 | * 1 | * Rel-16 | * F | * 5G\_URLLC | * postponed |
| * C3-211382 | * QoS flow binding for QoS monitoring | * Huawei | * 29.513 | * 0256 | * - | * Rel-17 | * A | * 5G\_URLLC | * revised |
| * C3-211581 | * QoS flow binding for QoS monitoring | * Huawei | * 29.513 | * 0256 | * 1 | * Rel-17 | * A | * 5G\_URLLC | * postponed |
| * C3-211070 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.514 | * 0275 | * 3 | * Rel-16 | * F | * eV2XARC | * revised |
| * C3-211577 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.514 | * 0275 | * 4 | * Rel-16 | * F | * eV2XARC | * agreed |
| * C3-211344 | * Correction to resource identifiers descriptions used in notifications | * Ericsson | * 29.514 | * 0278 | * 3 | * Rel-16 | * F | * 5G\_eSBA | * agreed |
| * C3-211049 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.514 | * 0282 | * - | * Rel-16 | * F | * eV2XARC | * withdrawn |
| * C3-211101 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.514 | * 0283 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211483 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.514 | * 0283 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211173 | * Support of optional HTTP custom header fields | * Ericsson | * 29.514 | * 0284 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211176 | * Terminology alignment: usage of "NF service consumer" | * Ericsson | * 29.514 | * 0285 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211300 | * Correction to PATCH method | * Ericsson | * 29.514 | * 0286 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211470 | * Correction to PATCH method | * Ericsson | * 29.514 | * 0286 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211301 | * Correction to PATCH method | * Ericsson | * 29.514 | * 0287 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211471 | * Correction to PATCH method | * Ericsson | * 29.514 | * 0287 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211513 | * Usage threshold update | * Ericsson, Huawei | * 29.514 | * 0288 | * - | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211514 | * Usage threshold update | * Ericsson, Huawei | * 29.514 | * 0289 | * - | * Rel-17 | * A | * eNAPIs | * withdrawn |
| * C3-211516 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.514 | * 0290 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211522 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.514 | * 0291 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211543 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.514 | * 0292 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211102 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.517 | * 0033 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211192 | * Optional header clarification | * Huawei | * 29.517 | * 0034 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211194 | * Resource URI correction | * Huawei | * 29.517 | * 0035 | * - | * Rel-16 | * F | * eNA | * agreed |
| * C3-211195 | * Resource URI correction | * Huawei | * 29.517 | * 0036 | * - | * Rel-17 | * A | * eNA | * agreed |
| * C3-211530 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.517 | * 0037 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211544 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.517 | * 0038 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211091 | * Add Session Management Policy Data per PLMN to be used in VPLMN for HPLMNs | * Nokia, Nokia Shanghai Bell | * 29.519 | * 0234 | * - | * Rel-17 | * B | * SBIProtoc17 | * postponed |
| * C3-211103 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.519 | * 0235 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211168 | * UsageMonData: definition of "scopes" attribute | * Ericsson | * 29.519 | * 0236 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211169 | * UsageMonData: definition of "scopes" attribute | * Ericsson | * 29.519 | * 0237 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211170 | * UsageMonData: definition of "scopes" attribute | * Ericsson | * 29.519 | * 0238 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211189 | * Usage of HTTP | * Huawei | * 29.519 | * 0239 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * not pursued |
| * C3-211190 | * Usage of HTTP | * Huawei | * 29.519 | * 0240 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * not pursued |
| * C3-211191 | * Usage of HTTP | * Huawei | * 29.519 | * 0241 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * postponed |
| * C3-211225 | * PUT method for Exposure Data modification | * ZTE | * 29.519 | * 0242 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211390 | * PUT method for Exposure Data modification | * ZTE | * 29.519 | * 0242 | * 1 | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211235 | * extend bdtpStatus to include VALID | * ZTE | * 29.519 | * 0243 | * - | * Rel-16 | * F | * eNA | * revised |
| * C3-211555 | * extend bdtpStatus to include VALID | * ZTE | * 29.519 | * 0243 | * 1 | * Rel-16 | * F | * eNA | * agreed |
| * C3-211236 | * extend bdtpStatus to include VALID | * ZTE | * 29.519 | * 0244 | * - | * Rel-17 | * A | * eNA | * revised |
| * C3-211556 | * extend bdtpStatus to include VALID | * ZTE | * 29.519 | * 0244 | * 1 | * Rel-17 | * A | * eNA | * agreed |
| * C3-211388 | * PUT method for Exposure Data modification | * ZTE | * 29.519 | * 0245 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211389 | * PUT method for Exposure Data modification | * ZTE | * 29.519 | * 0246 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211518 | * Update of TS version in externalDocs field | * Huawei | * 29.519 | * 0247 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211535 | * Update of TS version in externalDocs field | * Huawei | * 29.519 | * 0248 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211631 | * Update of TS version in externalDocs field | * Huawei | * 29.519 | * 0249 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211083 | * Adding network slice instance load level information | * China Telecom, Huawei | * 29.520 | * 0254 | * - | * Rel-16 | * F | * eNA | * revised |
| * C3-211553 | * Adding network slice instance load level information | * China Telecom, Huawei | * 29.520 | * 0254 | * 1 | * Rel-16 | * F | * eNA | * agreed |
| * C3-211084 | * Adding network slice instance load level information | * China Telecom, Huawei | * 29.520 | * 0255 | * - | * Rel-17 | * A | * eNA | * revised |
| * C3-211554 | * Adding network slice instance load level information | * China Telecom, Huawei | * 29.520 | * 0255 | * 1 | * Rel-17 | * A | * eNA | * agreed |
| * C3-211104 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.520 | * 0256 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211113 | * Removal of the NwdafFailureCode data type from the Nnwdaf\_AnalyticsInfo API | * Huawei | * 29.520 | * 0257 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211123 | * Missing data type in the Nnwdaf\_EventsSubscription specific Data Types table | * Huawei | * 29.520 | * 0258 | * - | * Rel-17 | * F | * TEI17, eNA | * agreed |
| * C3-211124 | * Wrong description of the EventFilter data type in the Nnwdaf\_AnalyticsInfo specific Data Types table | * Huawei | * 29.520 | * 0259 | * - | * Rel-17 | * F | * TEI17, eNA | * agreed |
| * C3-211243 | * Any Slice applicability | * Huawei | * 29.520 | * 0260 | * - | * Rel-16 | * F | * eNA | * agreed |
| * C3-211244 | * Any Slice applicability | * Huawei | * 29.520 | * 0261 | * - | * Rel-17 | * A | * eNA | * agreed |
| * C3-211245 | * Parial failure during event subscription | * Huawei | * 29.520 | * 0262 | * - | * Rel-16 | * F | * eNA | * revised |
| * C3-211558 | * Parial failure during event subscription | * Huawei | * 29.520 | * 0262 | * 1 | * Rel-16 | * F | * eNA | * agreed |
| * C3-211246 | * Parial failure during event subscription | * Huawei | * 29.520 | * 0263 | * - | * Rel-17 | * A | * eNA | * revised |
| * C3-211559 | * Parial failure during event subscription | * Huawei | * 29.520 | * 0263 | * 1 | * Rel-17 | * A | * eNA | * agreed |
| * C3-211249 | * Supported feature | * Huawei | * 29.520 | * 0264 | * - | * Rel-16 | * F | * eNA | * agreed |
| * C3-211250 | * Supported feature | * Huawei | * 29.520 | * 0265 | * - | * Rel-17 | * A | * eNA | * agreed |
| * C3-211525 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Communications Group Co.,Ltd | * 29.520 | * 0266 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211536 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Com. Corporation | * 29.520 | * 0267 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211105 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.521 | * 0097 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211319 | * Correction to SamePcf feature | * Ericsson | * 29.521 | * 0098 | * - | * Rel-16 | * F | * en5GPccSer | * revised |
| * C3-211571 | * Correction to SamePcf feature | * Ericsson | * 29.521 | * 0098 | * 1 | * Rel-16 | * F | * en5GPccSer | * agreed |
| * C3-211334 | * OpenAPI reference | * Ericsson | * 29.521 | * 0099 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211494 | * OpenAPI reference | * Ericsson, China Mobile Communications Group Co.,Ltd. | * 29.521 | * 0099 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211373 | * OpenAPI reference | * China Mobile Communications Group Co.,Ltd. | * 29.521 | * 0100 | * - | * Rel-17 | * F | * SBIProtoc17 | * merged |
| * C3-211526 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Communications Group Co.,Ltd | * 29.521 | * 0101 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211545 | * Update of OpenAPI version and TS version in externalDocs field | * China Mobile Com. Corporation | * 29.521 | * 0102 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211068 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.522 | * 0245 | * 2 | * Rel-16 | * F | * eV2XARC | * agreed |
| * C3-211069 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.522 | * 0246 | * 2 | * Rel-17 | * A | * eV2XARC | * agreed |
| * C3-211615 | * Support Redirection for AKMA API | * Huawei | * 29.522 | * 0251 | * 2 | * Rel-17 | * B | * AKMA-CT | * agreed |
| * C3-211280 | * Support Stateless NFs for TrafficInfluence API | * Huawei | * 29.522 | * 0258 | * 2 | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211449 | * Support redirection for TrafficInfluence API | * Huawei | * 29.522 | * 0258 | * 3 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211281 | * Support Stateless NFs for TrafficInfluence API | * Huawei | * 29.522 | * 0259 | * 2 | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211450 | * Support redirection for TrafficInfluence API | * Huawei | * 29.522 | * 0259 | * 3 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211351 | * Update DNN and S-NSSAI in ChargeableParty procedure | * Ericsson | * 29.522 | * 0270 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | * postponed |
| * C3-211354 | * Update DNN and S-NSSAI in AsSessionWithQoS API procedure | * Ericsson | * 29.522 | * 0271 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, Vertical\_LAN, TEI17 | * postponed |
| * C3-211047 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.522 | * 0272 | * - | * Rel-16 | * F | * eV2XARC | * withdrawn |
| * C3-211048 | * Disable UE notifications at changes related to Alternative QoS Profiles | * Huawei | * 29.522 | * 0273 | * - | * Rel-17 | * A | * eV2XARC | * withdrawn |
| * C3-211212 | * misusage of 500 status code for BSF failure | * ZTE | * 29.522 | * 0274 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211226 | * Correction to Traffic Influence procedure | * ZTE | * 29.522 | * 0275 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211405 | * Correction to Traffic Influence procedure | * ZTE | * 29.522 | * 0275 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211247 | * Failure events for AnalyticsExposure API | * Huawei | * 29.522 | * 0276 | * - | * Rel-16 | * F | * eNA | * revised |
| * C3-211560 | * Failure events for AnalyticsExposure API | * Huawei | * 29.522 | * 0276 | * 1 | * Rel-16 | * F | * eNA | * agreed |
| * C3-211248 | * Failure events for AnalyticsExposure API | * Huawei | * 29.522 | * 0277 | * - | * Rel-17 | * A | * eNA | * revised |
| * C3-211561 | * Failure events for AnalyticsExposure API | * Huawei | * 29.522 | * 0277 | * 1 | * Rel-17 | * A | * eNA | * agreed |
| * C3-211254 | * Update procedure of TrafficInfluence API | * Huawei | * 29.522 | * 0278 | * - | * Rel-17 | * F | * TEI17 | * revised |
| * C3-211406 | * Update procedure of TrafficInfluence API | * Huawei | * 29.522 | * 0278 | * 1 | * Rel-17 | * B | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211282 | * Support stateless NFs for 5GLANParameterProvision API | * Huawei | * 29.522 | * 0279 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211451 | * Support redirection for 5GLANParameterProvision API | * Huawei | * 29.522 | * 0279 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211283 | * Support stateless NFs for 5GLANParameterProvision API | * Huawei | * 29.522 | * 0280 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211452 | * Support redirection for 5GLANParameterProvision API | * Huawei | * 29.522 | * 0280 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211284 | * Support stateless NFs for ACSParameterProvision API | * Huawei | * 29.522 | * 0281 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211453 | * Support redirection for ACSParameterProvision API | * Huawei | * 29.522 | * 0281 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211285 | * Support stateless NFs for ACSParameterProvision API | * Huawei | * 29.522 | * 0282 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211454 | * Support redirection for ACSParameterProvision API | * Huawei | * 29.522 | * 0282 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211286 | * Support stateless NFs for AnalyticsExposure API | * Huawei | * 29.522 | * 0283 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211455 | * Support redirection for AnalyticsExposure API | * Huawei | * 29.522 | * 0283 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211287 | * Support stateless NFs for AnalyticsExposure API | * Huawei | * 29.522 | * 0284 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211456 | * Support redirection for AnalyticsExposure API | * Huawei | * 29.522 | * 0284 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211288 | * Support stateless NFs for ApplyingBdtPolicy API | * Huawei | * 29.522 | * 0285 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211457 | * Support redirection for ApplyingBdtPolicy API | * Huawei | * 29.522 | * 0285 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211289 | * Support stateless NFs for ApplyingBdtPolicy API | * Huawei | * 29.522 | * 0286 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211458 | * Support redirection for ApplyingBdtPolicy API | * Huawei | * 29.522 | * 0286 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211290 | * Support stateless NFs for IPTVConfiguration API | * Huawei | * 29.522 | * 0287 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211459 | * Support redirection for IPTVConfiguration API | * Huawei | * 29.522 | * 0287 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211291 | * Support stateless NFs for IPTVConfiguration API | * Huawei | * 29.522 | * 0288 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211460 | * Support redirection for IPTVConfiguration API | * Huawei | * 29.522 | * 0288 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211292 | * Support stateless NFs for LpiParameterProvision API | * Huawei | * 29.522 | * 0289 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211461 | * Support redirection for LpiParameterProvision API | * Huawei | * 29.522 | * 0289 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211293 | * Support stateless NFs for LpiParameterProvision API | * Huawei | * 29.522 | * 0290 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211462 | * Support redirection for LpiParameterProvision API | * Huawei | * 29.522 | * 0290 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211294 | * Support stateless NFs for MoLcsNotify API | * Huawei | * 29.522 | * 0291 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211463 | * Support redirection for MoLcsNotify API | * Huawei | * 29.522 | * 0291 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211295 | * Support stateless NFs for MoLcsNotify API | * Huawei | * 29.522 | * 0292 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211464 | * Support redirection for MoLcsNotify API | * Huawei | * 29.522 | * 0292 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211296 | * Support stateless NFs for NiddConfigurationTrigger API | * Huawei | * 29.522 | * 0293 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211465 | * Support redirection for NiddConfigurationTrigger API | * Huawei | * 29.522 | * 0293 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211297 | * Support stateless NFs for NiddConfigurationTrigger API | * Huawei | * 29.522 | * 0294 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211466 | * Support redirection for NiddConfigurationTrigger API | * Huawei | * 29.522 | * 0294 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211298 | * Support stateless NFs for ServiceParameter API | * Huawei | * 29.522 | * 0295 | * - | * Rel-16 | * F | * eNAPIs | * revised |
| * C3-211467 | * Support redirection for ServiceParameter API | * Huawei | * 29.522 | * 0295 | * 1 | * Rel-16 | * F | * eNAPIs | * agreed |
| * C3-211299 | * Support stateless NFs for ServiceParameter API | * Huawei | * 29.522 | * 0296 | * - | * Rel-17 | * A | * eNAPIs | * revised |
| * C3-211468 | * Support redirection for ServiceParameter API | * Huawei | * 29.522 | * 0296 | * 1 | * Rel-17 | * A | * eNAPIs | * agreed |
| * C3-211307 | * Correction on N5 events for AsSessionWithQoS API | * Huawei | * 29.522 | * 0297 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211308 | * Correction on N5 events for AsSessionWithQoS API | * Huawei | * 29.522 | * 0298 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211309 | * Correction on N5 events for AsSessionWithQoS API | * Huawei | * 29.522 | * 0299 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211312 | * SUCCESSFUL\_RESOURCES\_ALLOCATION | * Huawei | * 29.522 | * 0300 | * - | * Rel-17 | * F | * TEI17 | * not pursued |
| * C3-211324 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * 29.522 | * 0301 | * - | * Rel-16 | * F | * 5WWC | * revised |
| * C3-211622 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * 29.522 | * 0301 | * 1 | * Rel-16 | * F | * 5WWC | * revised |
| * C3-211637 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * 29.522 | * 0301 | * 2 | * Rel-16 | * F | * 5WWC | * agreed |
| * C3-211325 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * 29.522 | * 0302 | * - | * Rel-17 | * A | * 5WWC | * revised |
| * C3-211623 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * 29.522 | * 0302 | * 1 | * Rel-17 | * A | * 5WWC | * revised |
| * C3-211638 | * Correction to mtcProviderId in IPTVConfiguration API | * Ericsson | * 29.522 | * 0302 | * 2 | * Rel-17 | * A | * 5WWC | * agreed |
| * C3-211326 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * 29.522 | * 0303 | * - | * Rel-16 | * F | * eV2XARC | * revised |
| * C3-211626 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * 29.522 | * 0303 | * 1 | * Rel-16 | * F | * eV2XARC | * agreed |
| * C3-211327 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * 29.522 | * 0304 | * - | * Rel-17 | * A | * eV2XARC | * revised |
| * C3-211627 | * Correction to mtcProviderId in ServiceParameter API | * Ericsson | * 29.522 | * 0304 | * 1 | * Rel-17 | * A | * eV2XARC | * agreed |
| * C3-211328 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * 29.522 | * 0305 | * - | * Rel-16 | * F | * 5WWC | * revised |
| * C3-211624 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * 29.522 | * 0305 | * 1 | * Rel-16 | * F | * 5WWC | * agreed |
| * C3-211329 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * 29.522 | * 0306 | * - | * Rel-17 | * A | * 5WWC | * revised |
| * C3-211625 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * 29.522 | * 0306 | * 1 | * Rel-17 | * A | * 5WWC | * revised |
| * C3-211639 | * Correction to mtcProviderId in ACSParameterProvision API | * Ericsson | * 29.522 | * 0306 | * 2 | * Rel-17 | * A | * 5WWC | * agreed |
| * C3-211521 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.522 | * 0307 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211549 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.522 | * 0308 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211106 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.523 | * 0043 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211125 | * Missing data type in the Npcf\_EventExposure specific Data Types table | * Huawei | * 29.523 | * 0044 | * - | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211540 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.523 | * 0045 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211033 | * Clarification on optional HTTP custom headers | * Nokia, Nokia Shanghai Bell | * 29.525 | * 0144 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211059 | * Clarification of backup AMF address | * Huawei | * 29.525 | * 0145 | * - | * Rel-17 | * B | * TEI17, 5GS\_Ph1-CT | * postponed |
| * C3-211061 | * Clarification of update operation | * Huawei | * 29.525 | * 0146 | * - | * Rel-17 | * B | * TEI17, 5GS\_Ph1-CT | * revised |
| * C3-211410 | * Clarification of update operation | * Huawei | * 29.525 | * 0146 | * 1 | * Rel-17 | * F | * TEI17, 5GS\_Ph1-CT | * agreed |
| * C3-211080 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.525 | * 0147 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211497 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.525 | * 0147 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211107 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.525 | * 0148 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211484 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.525 | * 0148 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211348 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * 29.525 | * 0149 | * - | * Rel-16 | * F | * 5G\_eSBA | * revised |
| * C3-211564 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * 29.525 | * 0149 | * 1 | * Rel-16 | * F | * 5G\_eSBA | * agreed |
| * C3-211349 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * 29.525 | * 0150 | * - | * Rel-17 | * A | * 5G\_eSBA | * revised |
| * C3-211565 | * Correction to resource identifiers descriptions used in notifications | * Ericsson, ZTE | * 29.525 | * 0150 | * 1 | * Rel-17 | * A | * 5G\_eSBA | * agreed |
| * C3-211527 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.525 | * 0151 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211538 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.525 | * 0152 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211109 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.549 | * 0015 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211485 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.549 | * 0015 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211202 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * 29.549 | * 0016 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211492 | * Corrections to HTTP custom headers handling for Northbound APIs | * Huawei | * 29.549 | * 0016 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211335 | * OpenAPI reference | * Ericsson | * 29.549 | * 0017 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211546 | * Update of OpenAPI version and TS version in externalDocs field | * Samsung Electronics | * 29.549 | * 0018 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211181 | * Resolve the FFS for notification push | * Huawei | * 29.551 | * 0059 | * 2 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211394 | * Resolve the FFS for notification push | * Huawei, Ericsson, China Telecom | * 29.551 | * 0059 | * 3 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211613 | * Resolve the FFS for notification push | * Huawei, Ericsson, China Telecom | * 29.551 | * 0059 | * 4 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211630 | * Resolve the FFS for notification push | * Huawei, Ericsson, China Telecom | * 29.551 | * 0059 | * 5 | * Rel-17 | * B | * pfdManEnh | * agreed |
| * C3-211182 | * Partial pull update | * Huawei | * 29.551 | * 0060 | * 2 | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211614 | * Partial pull update | * Huawei | * 29.551 | * 0060 | * 3 | * Rel-17 | * B | * pfdManEnh | * agreed |
| * C3-211376 | * Corrections on partial pull | * China Telecom, Huawei | * 29.551 | * 0061 | * 3 | * Rel-17 | * F | * pfdManEnh | * revised |
| * C3-211395 | * Corrections on partial pull | * China Telecom, Huawei | * 29.551 | * 0061 | * 4 | * Rel-17 | * F | * pfdManEnh | * revised |
| * C3-211645 | * Corrections on partial pull | * China Telecom, Huawei | * 29.551 | * 0061 | * 5 | * Rel-17 | * F | * pfdManEnh | * agreed |
| * C3-211053 | * Correction to the name of custom operation | * Huawei | * 29.551 | * 0066 | * - | * Rel-17 | * B | * pfdManEnh | * agreed |
| * C3-211054 | * Overall description of notification push | * Huawei | * 29.551 | * 0067 | * - | * Rel-17 | * B | * pfdManEnh | * revised |
| * C3-211612 | * Overall description of notification push | * Huawei | * 29.551 | * 0067 | * 1 | * Rel-17 | * B | * pfdManEnh | * agreed |
| * C3-211092 | * Additional subscription parameters for filtering of PFD notifications in push mode | * Nokia, Nokia Shanghai Bell | * 29.551 | * 0068 | * - | * Rel-17 | * B | * pfdManEnh | * postponed |
| * C3-211108 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.551 | * 0069 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211216 | * Datatype and figure corrections | * ZTE | * 29.551 | * 0070 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211217 | * Datatype and figure corrections | * ZTE | * 29.551 | * 0071 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211218 | * Datatype and figure corrections | * ZTE | * 29.551 | * 0072 | * - | * Rel-17 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211227 | * Custom header clarification | * ZTE | * 29.551 | * 0073 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211228 | * Terminology alignment usage of NF service consumer | * ZTE | * 29.551 | * 0074 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211493 | * Terminology alignment usage of NF service consumer | * ZTE | * 29.551 | * 0074 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211528 | * Update of OpenAPI version and TS version in externalDocs field | * ZTE | * 29.551 | * 0075 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211533 | * Update of OpenAPI version and TS version in externalDocs field | * ZTE | * 29.551 | * 0076 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211174 | * Support of optional HTTP custom header fields | * Ericsson | * 29.554 | * 0059 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211177 | * Terminology alignment: usage of "NF service consumer" | * Ericsson | * 29.554 | * 0060 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211179 | * OpenAPI reference | * Ericsson | * 29.554 | * 0061 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211237 | * set bdtpStatus to VALID | * ZTE | * 29.554 | * 0062 | * - | * Rel-16 | * F | * eNA | * revised |
| * C3-211557 | * set bdtpStatus to VALID | * ZTE | * 29.554 | * 0062 | * 1 | * Rel-16 | * F | * eNA | * agreed |
| * C3-211302 | * Correction to PATCH method | * Ericsson | * 29.554 | * 0063 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * revised |
| * C3-211472 | * Correction to PATCH method | * Ericsson | * 29.554 | * 0063 | * 1 | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211303 | * Correction to PATCH method | * Ericsson | * 29.554 | * 0064 | * - | * Rel-16 | * A | * 5GS\_Ph1-CT | * revised |
| * C3-211473 | * Correction to PATCH method | * Ericsson | * 29.554 | * 0064 | * 1 | * Rel-16 | * A | * 5GS\_Ph1-CT | * agreed |
| * C3-211517 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.554 | * 0065 | * - | * Rel-15 | * F | * 5GS\_Ph1-CT | * agreed |
| * C3-211552 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.554 | * 0066 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211338 | * Reporting FQDN of CHF to RADIUS DN-AAA server | * Ericsson | * 29.561 | * 0079 | * 2 | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211621 | * Reporting FQDN of CHF to RADIUS DN-AAA server | * Ericsson | * 29.561 | * 0079 | * 3 | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211339 | * Reporting FQDN of CHF to Diameter DN-AAA server | * Ericsson | * 29.561 | * 0080 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211600 | * Update Descriptions for PAPCHAP in RADIUS message flow | * Ericsson, China Telecom | * 29.561 | * 0083 | * 2 | * Rel-17 | * F | * PAP\_CHAP | * agreed |
| * C3-211601 | * Update Descriptions for PAPCHAP in Diameter message flow | * Ericsson, China Telecom | * 29.561 | * 0084 | * 2 | * Rel-17 | * F | * PAP\_CHAP | * agreed |
| * C3-211085 | * 5GS interworking with EPS for IPv4IPv6 Non-transparent access using PAPCHAP | * Ericsson | * 29.561 | * 0085 | * - | * Rel-17 | * B | * PAP\_CHAP | * revised |
| * C3-211500 | * 5GS interworking with EPS for IPv4IPv6 Non-transparent access using PAPCHAP | * Ericsson | * 29.561 | * 0085 | * 1 | * Rel-17 | * B | * PAP\_CHAP | * agreed |
| * C3-211086 | * 5GS interworking with EPS for PAP/CHAP in RADIUS message flow | * Ericsson | * 29.561 | * 0086 | * - | * Rel-17 | * B | * PAP\_CHAP | * revised |
| * C3-211501 | * 5GS interworking with EPS for PAP/CHAP in RADIUS message flow | * Ericsson | * 29.561 | * 0086 | * 1 | * Rel-17 | * B | * PAP\_CHAP | * not pursued |
| * C3-211088 | * 5GS interworking with EPS for PAP/CHAP in Diameter message flow | * Ericsson | * 29.561 | * 0087 | * - | * Rel-17 | * B | * PAP\_CHAP | * revised |
| * C3-211502 | * 5GS interworking with EPS for PAP/CHAP in Diameter message flow | * Ericsson | * 29.561 | * 0087 | * 1 | * Rel-17 | * B | * PAP\_CHAP | * not pursued |
| * C3-211089 | * 5GS interworking with EPS for EAP based secondary AUTH n in RADIUS message flow | * Ericsson | * 29.561 | * 0088 | * - | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211618 | * 5GS interworking with EPS for EAP based secondary AUTH n in RADIUS message flow | * Ericsson | * 29.561 | * 0088 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211090 | * 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | * Ericsson | * 29.561 | * 0089 | * - | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211619 | * 5GS interworking with EPS for EAP based secondary AUTH in Diameter message flow | * Ericsson | * 29.561 | * 0089 | * 1 | * Rel-17 | * B | * 5GS\_Ph1-CT, TEI17 | * agreed |
| * C3-211139 | * Update clarification for PAP/CHAP in RADIUS message flow | * China Telecommunications,Huawei | * 29.561 | * 0090 | * - | * Rel-17 | * F | * PAP\_CHAP | * revised |
| * C3-211616 | * Update clarification for PAP/CHAP in RADIUS message flow | * China Telecommunications, Huawei, Ericsson | * 29.561 | * 0090 | * 1 | * Rel-17 | * F | * PAP\_CHAP | * agreed |
| * C3-211140 | * Update clarification for PAP/CHAP in Diameter message flow | * China Telecommunications, Huawei | * 29.561 | * 0091 | * - | * Rel-17 | * F | * PAP\_CHAP | * revised |
| * C3-211617 | * Update clarification for PAP/CHAP in Diameter message flow | * China Telecommunications, Huawei, Ericsson | * 29.561 | * 0091 | * 1 | * Rel-17 | * F | * PAP\_CHAP | * agreed |
| * C3-211320 | * 5GC Support of DHCP signalling for RG | * Ericsson | * 29.561 | * 0092 | * - | * Rel-17 | * B | * TEI17, 5WWC | * revised |
| * C3-211408 | * 5GC Support of DHCP signalling for RG | * Ericsson | * 29.561 | * 0092 | * 1 | * Rel-17 | * B | * TEI17, 5WWC | * agreed |
| * C3-211321 | * Reporting GCI to RADIUS DN-AAA server | * Ericsson | * 29.561 | * 0093 | * - | * Rel-17 | * B | * TEI17, 5WWC | * revised |
| * C3-211602 | * Reporting GCI to RADIUS DN-AAA server | * Ericsson | * 29.561 | * 0093 | * 1 | * Rel-17 | * A | * 5WWC | * agreed |
| * C3-211322 | * Reporting GCI to Diameter DN-AAA server | * Ericsson | * 29.561 | * 0094 | * - | * Rel-17 | * B | * TEI17, 5WWC | * revised |
| * C3-211605 | * Reporting GCI to Diameter DN-AAA server | * Ericsson | * 29.561 | * 0094 | * 1 | * Rel-17 | * A | * 5WWC | * agreed |
| * C3-211603 | * Reporting GCI to RADIUS DN-AAA server | * Ericsson | * 29.561 | * 0095 | * - | * Rel-16 | * F | * 5WWC | * agreed |
| * C3-211604 | * Reporting GCI to Diameter DN-AAA server | * Ericsson | * 29.561 | * 0096 | * - | * Rel-16 | * F | * 5WWC | * agreed |
| * C3-211110 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.591 | * 0035 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211486 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.591 | * 0035 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211126 | * Adding description fields to the data types in the Nnef\_EventExposure specific and reused Data Types tables | * Huawei | * 29.591 | * 0036 | * - | * Rel-17 | * F | * TEI17, eNA | * revised |
| * C3-211403 | * Adding description fields to the data types in the Nnef\_EventExposure specific and reused Data Types tables | * Huawei | * 29.591 | * 0036 | * 1 | * Rel-17 | * F | * TEI17, eNA | * agreed |
| * C3-211127 | * Specifying the Applicability field for some data types in the Nnef\_EventExposure Data Types tables | * Huawei | * 29.591 | * 0037 | * - | * Rel-17 | * F | * TEI17, eNA | * revised |
| * C3-211402 | * Specifying the Applicability field for some data types in the Nnef\_EventExposure Data Types tables | * Huawei, Ericsson | * 29.591 | * 0037 | * 1 | * Rel-17 | * F | * TEI17, eNA | * agreed |
| * C3-211193 | * Optional header clarification | * Huawei | * 29.591 | * 0038 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211196 | * Resource URI correction | * Huawei | * 29.591 | * 0039 | * - | * Rel-16 | * F | * eNA | * agreed |
| * C3-211197 | * Resource URI correction | * Huawei | * 29.591 | * 0040 | * - | * Rel-17 | * A | * eNA | * agreed |
| * C3-211531 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.591 | * 0041 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211547 | * Update of OpenAPI version and TS version in externalDocs field | * Huawei | * 29.591 | * 0042 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211313 | * Correction to Wireline Access information | * Ericsson | * 29.594 | * 0071 | * 2 | * Rel-16 | * F | * 5WWC | * agreed |
| * C3-211093 | * Additional Termination Causes for Spending Limit Control subscriptions | * Nokia, Nokia Shanghai Bell | * 29.594 | * 0074 | * - | * Rel-17 | * B | * SBIProtoc17 | * postponed |
| * C3-211111 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.594 | * 0075 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211487 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.594 | * 0075 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211314 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.594 | * 0076 | * - | * Rel-17 | * F | * 5GS\_Ph1-CT, TEI17 | * revised |
| * C3-211498 | * Ambiguous concept of NF service consumer terminology | * Nokia, Nokia Shanghai Bell | * 29.594 | * 0076 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211336 | * OpenAPI reference | * Ericsson | * 29.594 | * 0077 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211529 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.594 | * 0078 | * - | * Rel-16 | * F | * TEI16 | * agreed |
| * C3-211539 | * Update of OpenAPI version and TS version in externalDocs field | * Nokia, Nokia Shanghai Bell | * 29.594 | * 0079 | * - | * Rel-17 | * F | * TEI17 | * agreed |
| * C3-211112 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.675 | * 0021 | * - | * Rel-17 | * F | * SBIProtoc17 | * revised |
| * C3-211488 | * Adding some missing description fields to data type definitions in OpenAPI specification files | * Huawei | * 29.675 | * 0021 | * 1 | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211175 | * Support of optional HTTP custom header fields | * Ericsson | * 29.675 | * 0022 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211178 | * Terminology alignment: usage of "NF service consumer" | * Ericsson | * 29.675 | * 0023 | * - | * Rel-17 | * F | * SBIProtoc17 | * agreed |
| * C3-211180 | * Correcting the receiver of HTTP DELETE request | * Ericsson | * 29.675 | * 0024 | * - | * Rel-17 | * F | * TEI17, RACS | * agreed |
| * C3-211548 | * Update of OpenAPI version and TS version in externalDocs field | * Ericsson | * 29.675 | * 0025 | * - | * Rel-17 | * F | * TEI17 | * agreed |

## Annex C: Lists of liaisons

### C1: Incoming liaison statements

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Document | Original | Title | From | Decision | Reply TDoc |
| * C3-211024 |  | * Reply LS on APIs in EDGEAPP | * CT1 | * noted | * (none) |
| * C3-211027 |  | * LS on the Security consideration to support L2TP with CUPS | * CT4 | * noted | * (none) |
| * C3-211028 |  | * LS on UDR Restoration | * CT4 | * noted | * (none) |
| * C3-211029 |  | * LS on Feedback on Key Issue #1 "Enhancements to Support SNPN along with credentials owned by an entity separate from the SNPN" | * SA3 | * noted | * (none) |
| * C3-211030 |  | * Reply-LS on Support of L2TP on SGi/N6 with Control and User Plane Separation | * SA3 | * noted | * (none) |
| * C3-211077 |  | * LS on Server Domain Name Usage for Application Traffic Detection | * SA4 | * postponed | * (none) |
| * C3-211606 |  | * LS on migration from ETSI forge to 3GPP forge | * CT4 | * noted | * (none) |
| * C3-211611 |  | * Reply LS on Secondary AUTH for 5GS interworking with EPS | * SA2 | * noted | * (none) |

### C2: Outgoing liaison statements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document | Title | To | Cc | reply to i/c LS |
| * C3-211469 | * LS on Session Management Policy Data per PLMN | * SA2 | * - |  |

## Annex D: List of agreed/approved new and revised Work Items

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Title | Source | new/revised |
| * C3-211385 | * New WID on Enablers for Network Automation for 5G - phase 2 | * China Mobile, Huawei | * WID new |
| * C3-211585 | * Revised WID on CT aspects on PAP/CHAP protocols usage in 5GS | * China Telecommunications | * WID revised |

## Annex E: List of draft Technical Specifications and Reports

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Spec | vers | Doc title |
| * C3-211508 | * 29.558 | * 0.2.0 | * TS 29.558 v0.2.0 |
| * C3-211551 | * 29.535 | * 0.3.0 | * TS 29.535 v0.3.0 |

## Annex F: List of action items

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details | Responsible | Due by |

## Annex G: List of decisions

|  |  |  |  |
| --- | --- | --- | --- |
| Meeting/Number | Agenda item | Document | Details |

## Annex H: List of participants

|  |  |  |
| --- | --- | --- |
| Name | Representing | Status (OP) |
| * AI, Ming | * CATT | * 3GPPMEMBER (ETSI) |
| * ANTSEV, Boris | * T-Mobile USA Inc. | * 3GPPMEMBER (ATIS) |
| * ASKERUP, Anders | * Hewlett-Packard Enterprise | * 3GPPMEMBER (ETSI) |
| * ATARIUS, Roozbeh | * Motorola Mobility UK Ltd. | * 3GPPMEMBER (ETSI) |
| * AXELL, Jörgen | * Ericsson-LG Co., LTD | * 3GPPMEMBER (TTA) |
| * BAO, Chenxi | * CATT | * 3GPPMEMBER (CCSA) |
| * BIONDIC, Nevenka | * Ericsson GmbH, Eurolab | * 3GPPMEMBER (ETSI) |
| * BOURNELLE, Julien | * Orange UK | * 3GPPMEMBER (ETSI) |
| * BRINKMANN, Horst | * Nokia Germany | * 3GPPMEMBER (ETSI) |
| * BROSZEIT, Marco | * Vodafone España SA | * 3GPPMEMBER (ETSI) |
| * CHAMPEL, Mary-Luc | * Beijing Xiaomi Electronics | * 3GPPMEMBER (CCSA) |
| * DE GREGORIO, Jesus | * Ericsson Hungary Ltd | * 3GPPMEMBER (ETSI) |
| * EITOKU, haruka | * NTT corporation | * 3GPPMEMBER (ETSI) |
| * EL MOATAMID, Abdessamad | * Huawei Technologies France | * 3GPPMEMBER (ETSI) |
| * FERNANDEZ, Susana | * Ericsson LM | * 3GPPMEMBER (ETSI) |
| * GARCIA AZORERO, Fuencisla | * Ericsson India Private Limited | * 3GPPMEMBER (TSDSI) |
| * GULBANI, Giorgi | * Huawei Technologies R&D UK | * 3GPPMEMBER (ETSI) |
| * GUPTA, Varini | * Harman GmbH | * 3GPPMEMBER (ETSI) |
| * HAO, Hongxia | * HuaWei Technologies Co., Ltd | * 3GPPMEMBER (CCSA) |
| * HERRERO-VERON, Christian | * HUAWEI TECHNOLOGIES Co. Ltd. | * 3GPPMEMBER (ETSI) |
| * HIKOSAKA, Maoki | * NTT DOCOMO INC. | * 3GPPMEMBER (TTC) |
| * HOLMSTRÖM, Tomas | * Ericsson Telecomunicazioni SpA | * 3GPPMEMBER (ETSI) |
| * INOUE, Yoshihiro | * NTT | * 3GPPMEMBER (TTC) |
| * ISHIKAWA, Hiroshi | * NTT DOCOMO INC. | * 3GPPMEMBER (ARIB) |
| * JING, Hao | * ETSI | * 3GPPORG\_REP (ETSI) |
| * JOHANSSON, Kaj | * Oy LM Ericsson AB | * 3GPPMEMBER (ETSI) |
| * KAPALE, Kiran | * Samsung Research America | * 3GPPMEMBER (ATIS) |
| * KREIPL, Michael | * Telekom Deutschland GmbH | * 3GPPMEMBER (ETSI) |
| * KRUSE, Heiko | * IDEMIA | * 3GPPMEMBER (ETSI) |
| * LAVASANI, Shahab | * Huawei Technologies Sweden AB | * 3GPPMEMBER (ETSI) |
| * LAZARA, Dominic | * Motorola Solutions Danmark A/S | * 3GPPMEMBER (ETSI) |
| * LEE, Jay | * Verizon UK Ltd | * 3GPPMEMBER (ETSI) |
| * LEI, Yu | * Xiaomi Communications | * 3GPPMEMBER (CCSA) |
| * LI, Li | * Huawei Telecommunication India | * 3GPPMEMBER (TSDSI) |
| * LI, Mingxue | * China Telecommunications | * 3GPPMEMBER (ETSI) |
| * LI, Zhijun | * ZTE Corporation | * 3GPPMEMBER (ETSI) |
| * LIANG, Tianmei | * Ericsson Japan K.K. | * 3GPPMEMBER (ARIB) |
| * LIU, Jianning(Carry) | * Beijing Xiaomi Mobile Software | * 3GPPMEMBER (CCSA) |
| * LIU, Qingfen | * HUAWEI Technologies Japan K.K. | * 3GPPMEMBER (ARIB) |
| * LU, Wei | * Xiaomi Technology | * 3GPPMEMBER (CCSA) |
| * LU, Yang | * Vodafone Italia SpA | * 3GPPMEMBER (ETSI) |
| * LU, Yunjie | * Ericsson Inc. | * 3GPPMEMBER (ATIS) |
| * LUETZENKIRCHEN, Thomas | * Intel Deutschland GmbH | * 3GPPMEMBER (ETSI) |
| * LUKACS, Don | * Perspecta Labs Inc. | * 3GPPMEMBER (ATIS) |
| * MERINO VAZQUEZ, Emiliano | * Ericsson España S.A. | * 3GPPMEMBER (ETSI) |
| * MOHAJERI, Shahram | * AT&T GNS Belgium SPRL | * 3GPPMEMBER (ETSI) |
| * MONNES, Peter | * Perspecta Labs Inc. | * 3GPPMEMBER (ATIS) |
| * MORAND, Lionel | * Orange | * 3GPPMEMBER (ETSI) |
| * PAPAGEORGIOU, Apostolos | * Nokia Germany | * 3GPPMEMBER (ETSI) |
| * QI, Caixia | * Huawei Tech.(UK) Co.. Ltd | * 3GPPMEMBER (ETSI) |
| * SAHIN, Yildirim | * Charter Communications, Inc | * 3GPPMEMBER (ATIS) |
| * SHAH, Sapan | * Samsung Electronics Romania | * 3GPPMEMBER (ETSI) |
| * SHEKHAR, Ravi | * Cisco Systems | * 3GPPMEMBER (ATIS) |
| * SHEN, Yang | * Beijing Xiaomi Mobile Software | * 3GPPMEMBER (CCSA) |
| * SHU, Lin | * Huawei Device Co., Ltd | * 3GPPMEMBER (CCSA) |
| * SKROCKI, Mariusz | * Orange Spain | * 3GPPMEMBER (ETSI) |
| * STARSINIC, Michael | * Convida Wireless | * 3GPPMEMBER (ETSI) |
| * SUN, Yue | * China Telecommunications | * 3GPPMEMBER (ETSI) |
| * SUZUKI, Yuji | * NTT DOCOMO INC. | * 3GPPMEMBER (TTC) |
| * TAKAKURA, Tsuyoshi | * NEC Corporation | * 3GPPMEMBER (ARIB) |
| * TANGUDU, Narendranath Durga | * Samsung Electronics Iberia SA | * 3GPPMEMBER (ETSI) |
| * WANG, Dan | * IPLOOK | * 3GPPMEMBER (CCSA) |
| * WANG, Menghan | * Nubia Technology Co.,Ltd | * 3GPPMEMBER (CCSA) |
| * WEI, haitao | * Huawei Technologies Japan K.K. | * 3GPPMEMBER (TTC) |
| * WILD, Peter A. | * Vodafone Ireland Plc | * 3GPPMEMBER (ETSI) |
| * WU, Jinhua | * Beijing Xiaomi Mobile Software | * () |
| * XING, TianQi | * China Unicom | * 3GPPMEMBER (CCSA) |
| * XU, Wenliang | * L.M. Ericsson Limited | * 3GPPMEMBER (ETSI) |
| * YAMAKITA, Takayuki | * Oki Electric Industry Co. Ltd. | * 3GPPMEMBER (TTC) |
| * YAN, Xiaojian | * ZXNE | * 3GPPMEMBER (CCSA) |
| * YAN, Yali | * HUAWEI TECH. GmbH | * 3GPPMEMBER (ETSI) |
| * YANG, Haorui | * Beijing OPPO Com. corp., ltd | * 3GPPMEMBER (CCSA) |
| * YONG, Jiang | * CATT | * 3GPPMEMBER (CCSA) |
| * ZHOU, Xiaoyun | * Huawei Technologies (Korea) | * 3GPPMEMBER (TTA) |
| * ZHOU, Xingyue | * ZTE Corporation | * 3GPPMEMBER (CCSA) |
| * ZIA, Waqar | * Qualcomm CDMA Technologies | * 3GPPMEMBER (ETSI) |

## Annex I: List of future meetings

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Title** | **Start date** | **End date (OP)** | **Town** | **Country** | **Reference** |
| CT3#115e | 2021-04-14 | 2021-04-23 | e-meeting | e-meeting | C3-115e |
| CT3#116e | 2021-05-19 | 2021-05-28 | e-meeting | e-meeting | C3-116e |
| CT3#116-BIS | 2021-07-12 | 2021-07-16 | TBD |  | C3-ah-37538 |
| CT3#117 | 2021-08-23 | 2021-08-27 | TBD |  | C3-117 |
| CT3#118 | 2021-10-11 | 2021-10-15 | TBD |  | C3-118 |
| CT3#119 | 2021-11-15 | 2021-11-19 | TBD |  | C3-119 |