**3GPP TSG-CT WG4 Meeting #111-eC4-224abc**

**E-Meeting, 18th – 26th August 2022 *was C4-224258***

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **29.518** | **CR** | **0770** | **rev** | **1** | **Current version:** | **17.6.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Create UE Context with UE Context Relocation |
|  |  |
| ***Source to WG:*** | Ericsson, Huawei |
| ***Source to TSG:*** | CT4 |
|  |  |
| ***Work item code:*** | TEI17 |  | ***Date:*** | 2022-08-23 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***Release:*** | Rel-17 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | 3GPP TS 23.502 has specified that the initial AMF return the target AMF ID to the source AMF, during an inter-PLMN N2 Handover with target AMF relocation, to allow the S-AMR to directly send the RAN status to the T-AMF directly:4.9.1.3.2 Preparation phase…12. [Conditional] T-AMF to S-AMF: Namf\_Communication\_CreateUEContext Response (N2 information necessary for S-AMF to send Handover Command to S-RAN including Target to Source transparent container, PDU Sessions failed to be setup list, N2 SM information (N3 DL forwarding Information, PCF ID), [Target AMF ID]). T-AMF supervises the Nsmf\_PDUSession\_UpdateSMContext Response message from the involved SMFs. At expiry of the maximum wait time or when all Nsmf\_PDUSession\_UpdateSMContext Response messages are received, T-AMF sends the Namf\_Communication\_CreateUEContext Response to the S-AMF. The PDU Sessions failed to be setup list includes the List Of PDU Sessions failed to be setup received from target RAN in step 10 and the Non-accepted PDU session List generated by the T-AMF. Non-accepted PDU Session List includes following PDU Session(s) with proper cause value:- Non-accepted PDU Session(s) by the SMF(s);- Non-accepted PDU Session(s) by the AMF due to no response from the SMF within maximum wait time; and- Non-accepted PDU Session(s) by the AMF due to non-available S-NSSAI in the T-AMF, which is decided at step 4. The Target to Source transport container is received from the T-RAN. The N2 SM Information is received from the SMF in step 11f. If target AMF re-allocation is executed in step 3, the selected final target AMF, i.e. T-AMF, invoke Namf\_Communication\_RelocateUEContext Response (Cause, N2 information necessary for S-AMF to send Handover Command to S-RAN including Target to Source transparent container, N2 SM information (PDU Sessions failed to setup list, N3 DL forwarding Information), PCF ID, PCF reselected indication, target AMF ID) to the initial AMF. The cause indicates whether the Relocate UE Context (hand-Over) succeeded or failed. If the target NG RAN has rejected the Handover Request in step 10, the cause indicates a failure due to RAN rejection. The target AMF ID is used for S-AMF to transfer RAN Status to T-AMF directly. Based on the receiving Namf\_Communication\_RelocateUEContext Response, the initial AMF invokes Namf\_Communication\_CreateUEContext Response.**NOTE:** stage 2 also requires that the target AMF ID to be returned in RelocateUEContext response (blue marked), which is not necessary because the final target AMF is selected by the initial AMF who invoked the RelocateUEContext operation, i.e. the initial AMF already knew the target AMF ID.In stage 3, Create UE Context returns 201 created including a location header carrying the URI to the created resource (UE Context). If the UE Context is relocated to another AMF, the resource URI in the location header should refer to the created UE Context on the final target AMF, i.e. relay the resource URI returned in UE Context Relocate 201 response. In this case, some issues should be resolved:1/ The created resource is served in another AMF than the one sending the response, the NF (service) instance of the serving AMF should be indicated to the source AMF. Suggest the initial AMF should insert 3gpp-sbi-producer-id header to indicate the serving AMF info.2/ Relocate UE Context service operation is designed for EPS to 5GS HO scenario, which is not really fitting the intra-5GS HO, e.g. the operation requires mandatory IEs that are not applicable to intra-5GS HO. It is suggested to use Create UE Context service operation between the initial AMF and the target AMF.3/ AMF relocation during N2 HO usually happens when inter-PLMN HO, i.e. the source AMF and initial/target AMF locates in different PLMNs. The initial AMF shall include all information from the source AMF, including the serving network and supported features. The target AMF when identify the serving network is from a different plmn shall include the inter-PLMN API Root in the Location header in 201 response. |
|  |  |
| ***Summary of change:*** | 1/ Add new clause describing the service procedure.2/ Add 3gpp-Sbi-Producer-Id header in 201 response for PUT method of individual UE Context resource.3/ Update OpenAPI accordingly. |
|  |  |
| ***Consequences if not approved:*** | When AMF relocation happens during handover, the source AMF cannot know the final target AMF for subsequent HO activities, e.g. sending the RAN status the the T-AMF or cancel the HO. Stage 2 requirement not supported |
|  |  |
| ***Clauses affected:*** | 5.2.2.2.3.x(New), 6.1.3.2.3.1, A.2 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | This CR introduce backward compatible corrections on Namf\_Communication APIs. |
|  |  |
| ***This CR's revision history:*** | Rev1:1/ Huawei is added as co-source.2/ WI Code change to TEI17.3/ Update Reason for change indicating the usage of Create UE Context service operation between the initial AMF and the target AMF.4/ Create UE Context is used between the initial AMF and the target AMF. |

\* \* \* First Change \* \* \* \*

###### 5.2.2.2.3.x Create UE Context with UE Context Relocation

During inter-PLMN N2 Handover, the initial AMF may relocate the UE context to a target AMF (e.g. due to slices cannot be served by initial AMF). This clause describes the procedure for this scenario.

The NF Service Consumer (e.g. the source AMF) shall create the UE Context by using the HTTP PUT method with the URI of the "Individual UeContext" resource (See clause 6.1.3.2.3.1). See also Figure 5.2.2.2.3.x-1.



Figure 5.2.2.2.3.x-1 Create UE Context with UE Context Relocation

Same requirement of clause 5.2.2.2.3.1 applies, with following modifications:

1. Same as step 1 of clause 5.2.2.2.3.1.

2. The initial AMF selects a target AMF and perform CreateUeContext procedure (see clause 5.2.2.2.3.1).

- the request body shall include the information received from the source AMF in step 1, including the serving network, the supported features, etc.

- if the received serving network (from the source AMF) is different from the PLMN of the target AMF, the resource URI in the Location header in 201 Create response shall contain the inter-PLMN API Root.

3a. Same as step 2a of clause 5.2.2.2.3.1, with following modifications:

- the request body shall contain the UE Context and other information received from the target AMF in step 2.

- the Location header shall contain the resource URI received in the "201 Created" response from target AMF in step 2.

- the initial AMF shall insert a 3gpp-Sbi-Producer-Id header indicating the target AMF.

3b. Same as step 2b of clause 5.2.2.2.3.1.

\* \* \* Next Change \* \* \* \*

###### 6.1.3.2.3.1 PUT

This ueContextId identifies the individual ueContext resource is composed by UE's SUPI or PEI, See table 6.1.3.2.2-1.

This method shall support the URI query parameters specified in table 6.1.3.2.3.1-1.

Table 6.1.3.2.3.1-1: URI query parameters supported by the PUT method on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| n/a |  |  |  |  |

This method shall support the request data structures specified in table 6.1.3.2.3.1-2 and the response data structures and response codes specified in table 6.1.3.2.3.1-3.

Table 6.1.3.2.3.1-2: Data structures supported by the PUT Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| UeContextCreateData | M | 1 | Defines the UE Context to be created. |

Table 6.1.3.2.3.1-3: Data structures supported by the PUT Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Responsecodes | Description |
| UeContextCreatedData | M | 1 | 201 Created | This case represents the successful creation of a new UE Context.Upon success, a response body is returned containing the newly created UE Context. |
| RedirectResponse | O | 0..1 | 307 Temporary Redirect | Temporary redirection. The response shall include a Location header field containing a different URI , or the same URI if a request is redirected to the same target resource via a different SCP. In the former case, the URI shall be an alternative URI of the resource located on an alternative service instance within the same AMF or AMF (service) set.  |
| RedirectResponse | O | 0..1 | 308 Permanent Redirect | Permanent redirection. The response shall include a Location header field containing a different URI, or the same URI if a request is redirected to the same target resource via a different SCP. In the former case, the URI shall be an alternative URI of the resource located on an alternative service instance within the same AMF or AMF (service) set.  |
| UeContextCreateError | O | 0..1 | 403 Forbidden | This case represents the creation of a new UE Context is not successful.The "cause" attribute may be used to indicate one of the following application errors:- HANDOVER\_FAILURE |
| ProblemDetails | O | 0..1 | 403 Forbidden | This error shall only be returned by an SCP or a SEPP for errors they originate. |
| NOTE: The mandatory HTTP error status code for the PUT method listed in Table 5.2.7.1-1 of 3GPP TS 29.500 [4] also apply, with response body containing an object of ProblemDetails data type (see clause 5.2.7 of 3GPP TS 29.500 [4]). |

Table 6.1.3.2.3.1-4: Headers supported by the 201 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains the URI of the newly created resource, according to the structure: {apiRoot}/namf-comm/<apiVersion>/ue-contexts/{ueContextId} |
| 3gpp-Sbi-Producer-Id | string | C | 0..1 | This header shall be included when the UE Context is created in a target AMF other than the initial AMF sending the response.When included, this header shall indicate the target AMF serving the created UE Context. |

Table 6.1.3.2.3.1-5: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | An alternative URI of the resource located on an alternative service instance within the same AMF or AMF (service) set.Or the same URI, if a request is redirected to the same target resource via a different SCP. |
| 3gpp-Sbi-Target-Nf-Id | string | O | 0..1 | Identifier of the target NF (service) instance ID towards which the request is redirected |

Table 6.1.3.2.3.1-6: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | An alternative URI of the resource located on an alternative service instance within the same AMF or AMF (service) set.Or the same URI, if a request is redirected to the same target resource via a different SCP. |
| 3gpp-Sbi-Target-Nf-Id | string | O | 0..1 | Identifier of the target NF (service) instance ID towards which the request is redirected |

\* \* \* Next Change \* \* \* \*

# A.2 Namf\_Communication API

openapi: 3.0.0

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Text Skipped for Clarity \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

paths:

 /ue-contexts/{ueContextId}:

 put:

 summary: Namf\_Communication CreateUEContext service Operation

 tags:

 - Individual ueContext (Document)

 operationId: CreateUEContext

 parameters:

 - name: ueContextId

 in: path

 description: UE Context Identifier

 required: true

 schema:

 type: string

 pattern: '^(5g-guti-[0-9]{5,6}[0-9a-fA-F]{14}|imsi-[0-9]{5,15}|nai-.+|gli-.+|gci-.+|imei-[0-9]{15}|imeisv-[0-9]{16}|.+)$'

 requestBody:

 content:

 multipart/related: # message with binary body part(s)

 schema:

 type: object

 properties: # Request parts

 jsonData:

 $ref: '#/components/schemas/UeContextCreateData'

 binaryDataN2Information:

 type: string

 format: binary

 binaryDataN2InformationExt1:

 type: string

 format: binary

 binaryDataN2InformationExt2:

 type: string

 format: binary

 binaryDataN2InformationExt3:

 type: string

 format: binary

 binaryDataN2InformationExt4:

 type: string

 format: binary

 binaryDataN2InformationExt5:

 type: string

 format: binary

 binaryDataN2InformationExt6:

 type: string

 format: binary

 binaryDataN2InformationExt7:

 type: string

 format: binary

 binaryDataN2InformationExt8:

 type: string

 format: binary

 binaryDataN2InformationExt9:

 type: string

 format: binary

 binaryDataN2InformationExt10:

 type: string

 format: binary

 binaryDataN2InformationExt11:

 type: string

 format: binary

 binaryDataN2InformationExt12:

 type: string

 format: binary

 binaryDataN2InformationExt13:

 type: string

 format: binary

 binaryDataN2InformationExt14:

 type: string

 format: binary

 binaryDataN2InformationExt15:

 type: string

 format: binary

 binaryDataN2InformationExt16:

 type: string

 format: binary

 binaryDataN2InformationExt17:

 type: string

 format: binary

 encoding:

 jsonData:

 contentType: application/json

 binaryDataN2Information:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt1:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt2:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt3:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt4:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt5:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt6:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt7:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt8:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt9:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt10:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt11:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt12:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt13:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt14:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt15:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt16:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt17:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 required: true

 callbacks:

 onN2MessageNotify:

 '{$request.body#/n2NotifyUri}':

 post:

 summary: Namf\_Communication N2 Info Notify (UE Specific) service Operation

 tags:

 - N2 Info Notify

 operationId: N2InfoNotifyHandoverComplete

 requestBody:

 description: UE Specific N2 Information Notification

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/N2InformationNotification'

 responses:

 '200':

 description: N2 Information Notification Response.

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/N2InfoNotificationRspData'

 multipart/related: # message with binary body part(s)

 schema:

 type: object

 properties:

 jsonData:

 $ref: '#/components/schemas/N2InfoNotificationRspData'

 binaryDataN2InformationExt1:

 type: string

 format: binary

 binaryDataN2InformationExt2:

 type: string

 format: binary

 binaryDataN2InformationExt3:

 type: string

 format: binary

 binaryDataN2InformationExt4:

 type: string

 format: binary

 binaryDataN2InformationExt5:

 type: string

 format: binary

 binaryDataN2InformationExt6:

 type: string

 format: binary

 binaryDataN2InformationExt7:

 type: string

 format: binary

 binaryDataN2InformationExt8:

 type: string

 format: binary

 binaryDataN2InformationExt9:

 type: string

 format: binary

 binaryDataN2InformationExt10:

 type: string

 format: binary

 binaryDataN2InformationExt11:

 type: string

 format: binary

 binaryDataN2InformationExt12:

 type: string

 format: binary

 binaryDataN2InformationExt13:

 type: string

 format: binary

 binaryDataN2InformationExt14:

 type: string

 format: binary

 binaryDataN2InformationExt15:

 type: string

 format: binary

 binaryDataN2InformationExt16:

 type: string

 format: binary

 encoding:

 jsonData:

 contentType: application/json

 binaryDataN2InformationExt1:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt2:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt3:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt4:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt5:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt6:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt7:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt8:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt9:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt10:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt11:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt12:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt13:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt14:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt15:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt16:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 '204':

 description: Expected response to a successful callback processing

 '307':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/307'

 '308':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/308'

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/503'

 responses:

 '201':

 description: UE context successfully created.

 headers:

 Location:

 description: >

 Contains the URI of the newly created resource, according to the structure:

 {apiRoot}/namf-comm/<apiVersion>/ue-contexts/{ueContextId}

 required: true

 schema:

 type: string

 3gpp-Sbi-Producer-Id:

 description: >

 Indicating the AMF serving the UE Context. This header shall be included when the

 UE Context is created in a target AMF other than the initial AMF sending the

 response.

 schema:

 type: string

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/UeContextCreatedData'

 multipart/related: # message with binary body part(s)

 schema:

 type: object

 properties: # Request parts

 jsonData:

 $ref: '#/components/schemas/UeContextCreatedData'

 binaryDataN2Information:

 type: string

 format: binary

 binaryDataN2InformationExt1:

 type: string

 format: binary

 binaryDataN2InformationExt2:

 type: string

 format: binary

 binaryDataN2InformationExt3:

 type: string

 format: binary

 binaryDataN2InformationExt4:

 type: string

 format: binary

 binaryDataN2InformationExt5:

 type: string

 format: binary

 binaryDataN2InformationExt6:

 type: string

 format: binary

 binaryDataN2InformationExt7:

 type: string

 format: binary

 binaryDataN2InformationExt8:

 type: string

 format: binary

 binaryDataN2InformationExt9:

 type: string

 format: binary

 binaryDataN2InformationExt10:

 type: string

 format: binary

 binaryDataN2InformationExt11:

 type: string

 format: binary

 binaryDataN2InformationExt12:

 type: string

 format: binary

 binaryDataN2InformationExt13:

 type: string

 format: binary

 binaryDataN2InformationExt14:

 type: string

 format: binary

 binaryDataN2InformationExt15:

 type: string

 format: binary

 encoding:

 jsonData:

 contentType: application/json

 binaryDataN2Information:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt1:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt2:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt3:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt4:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt5:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt6:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt7:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt8:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt9:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt10:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt11:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt12:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt13:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt14:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 binaryDataN2InformationExt15:

 contentType: application/vnd.3gpp.ngap

 headers:

 Content-Id:

 schema:

 type: string

 '307':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/307'

 '308':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/308'

 '400':

 description: Bad Request

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/UeContextCreateError'

 application/problem+json: # error originated by an SCP or SEPP

 schema:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Text Skipped for Clarity \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* \* \* End of Changes \* \* \* \*