**3GPP TSG-CT WG4 Meeting #109-eC4-222**

**E-Meeting, 06th – 12th April 2022 revision of C4-222192**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.563** | **CR** | **0062** | **rev** | **1** | **Current version:** | **17.4.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | UeContextInPgwData for emergency sessions | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Nokia Shanghai Bell | | | | | | | | | |
| ***Source to TSG:*** | CT4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | SBIProtoc17 | | | | |  | ***Date:*** | | | 2022-04-11 |
|  |  | | | |  | |  | | |  |
| ***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 can be 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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | For emergency session continuity PLMN ID, IP address and registrationTime are missing in UeContextInPgwData | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | add PlmnId and IpAddress and RegistrationTime | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incomplete information for emergency sessions. Emergency session continuity may fail. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 6.2.6.2.2, A.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 introduces backwards compatible corrections to the following API: TS29563\_Nhss\_SDM.yaml | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**\*\*\*\*\*\*\***

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

##### 6.2.6.2.2 Type: UeContextInPgwData

Table 6.2.6.2.2-1: Definition of type UeContextInPgwData

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description |
| pgwInfo | array(PgwInfo) | O | 1..N | Information about the APNs and PGW-C+SMF FQDNs used in interworking with UDM |
| emergencyFqdn | string | O | 0..1 | PGW-C+SMF FQDN for emergency session |
| emergencyPlmnId | PlmnId | O | 0..1 | PLMN where the PGW-C+SMF for emergency session is located |
| emergencyIpAddr | IpAddress | O | 0..1 | IP address of the PGW-C+SMF for emergency session |
| emergencyRegistrationTime | DateTime | O | 0..1 | Time of PGW-C+SMF for emergency session Registration. |
| Note: At least one of pgwInfo and emergencyFqdn/emergencyIPAddr shall be present. The format of PGW-C+SMF FQDN is specified in clause 5.12.3.2, 3GPP TS 29.303 [16]. | | | | |

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

## A.3 Nhss\_SubscriberDataManagement API

openapi: 3.0.0

\*\*\*\*\*\*\*\*\*text not shown for clarity\*\*\*\*\*\*

UeContextInPgwData:

description: Contains data about APNs and PGW-C+SMF FQDNs used in interworking with UDM, and the PGW-C+SMF FQDN to be used for emergency session

type: object

properties:

pgwInfo:

type: array

items:

$ref: 'TS29503\_Nudm\_SDM.yaml#/components/schemas/PgwInfo'

minItems: 1

emergencyFqdn:

type: string

emergencyPlmnId:

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

emergencyIpAddr:

$ref: 'TS29503\_Nudm\_SDM.yaml#/components/schemas/IpAddress'

emergencyRegistrationTime:

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

\*\*\*\*\*\*\*\*\*text not shown for clarity\*\*\*\*\*\*

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