**3GPP TSG- Meeting #C3-242354\_R1**

**Changsha, China, –**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** | **0203** | **rev** | **-** | **Current version:** |  |  |
|  | | | | | | | | |
| *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:*** | Add the missing description fields for the reused data types | | | | | | | | |
|  |  | | | | | | | | |
| ***Source to WG:*** | Huawei | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | |
|  |  | | | | | | | | |
| ***Work item code:*** | SBIProtoc18 | | | | |  | ***Date:*** | | 2024-04-08 |
|  |  | | | |  | |  | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | |  |
|  | *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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19) Rel-20 (Release 20)* | |
|  |  | | | | | | | | |
| ***Reason for change:*** | | | Several data types in Table 5.6.1-2 have empty description fields. The decision in the CT plenary indicated that during this pleanary cycle the improvements of the specification can be considered by the working group.  In Release 18, the CRs that are adding the missing the descriptions was considered as category F CRs, e.g., C3-225508. | | | | | | |
|  | | |  | | | | | | |
| ***Summary of change:*** | | | This CR proposes to:   * Add these missing description fields. | | | | | | |
|  | | |  | | | | | | |
| ***Consequences if not approved:*** | | | * The issue of missing description fields for reused data types remains in the specification and its quality is not improved. | | | | | | |
|  | |  | | | | | | | |
| ***Clauses affected:*** | | 5.6.1 | | | | | | | |
|  | |  | | | | | | | |
|  | | **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 does not impact the OpenAPI descriptions of the APIs defined in this specification. | | | | | | | |
|  | |  | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | |

\* \* \* \* Start of changes \* \* \* \*

### 5.6.1 General

This clause specifies the application data model supported by the API.

Table 5.6.1-1 specifies the data types defined for the Nbsf\_Management service based interface protocol.

Table 5.6.1-1: Nbsf\_Management specific Data Types

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Data type | | Section defined | | Description | | Applicability | |
| BindingLevel | | 5.6.3.3 | | Contains the binding level. | |  | |
| BindingResp | | 5.6.2.6 | | Contains the binding information. | | SamePcf | |
| BsfEvent | | 5.6.3.5 | | Contains the event notified by the BSF. | |  | |
| BsfEventNotification | | 5.6.2.9 | | Contains an event notification. | |  | |
| BsfNotification | | 5.6.2.8 | | Contains the notification to the events. | |  | |
| BsfSubscription | | 5.6.2.7 | | Contains the event subscription data. | |  | |
| BsfSubscriptionResp | | 5.6.4.1 | | Contains the response to the subscription request. It consists of the resource representation within BsfSubscription data type and, if available, the matched observed event within the BsfNotification data type. | |  | |
| ExtProblemDetails | | 5.6.2.5 | | Contains the FQDN or IP endpoints of the existing PCF and cause value if there is an existing PCF binding information for the indicated combination. | | SamePcf | |
| ParameterCombination | | 5.6.2.4 | | The combination used by the BSF to check whether there is an existing PCF binding information. | | SamePcf | |
| PcfBinding | | 5.6.2.2 | | Identifies an Individual PCF for a PDU session binding. | |  | |
| PcfBindingPatch | | 5.6.2.3 | | Identifies an Individual PCF for a PDU session binding used for Patch method. | | BindingUpdate | |
| PcfMbsBinding | | 5.6.2.15 | | Represents an Individual PCF for an MBS Session binding. | |  | |
| PcfMbsBindingPatch | | 5.6.2.16 | | Represents the requested modifications to an Individual PCF for an MBS Session binding. | |  | |
| PcfForPduSessionInfo | | 5.6.2.13 | | The information of the PCF for a PDU session. | |  | |
| PcfForUeBinding | | 5.6.2.10 | | Identifies an Individual PCF for a UE binding. | |  | |
| PcfForUeBindingPatch | | 5.6.2.11 | | Identifies the updates to an Individual PCF for a UE binding. | |  | |
| PcfForUeInfo | | 5.6.2.14 | | The information of the PCF for a UE. | |  | |
| SnssaiDnnPair | | 5.6.2.12 | | Represents a S-NSSAI and DNN pair. | |  | |

Table 5.6.1-2 specifies data types re-used by the Nbsf\_Management service based interface protocol from other specifications, including a reference to their respective specifications and when needed, a short description of their use within the Nbsf\_Management service based interface.

Table 5.6.1-2: Nbsf\_Management re-used Data Types

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Data type | | Reference | | Comments | | Applicability | |
| DateTime | | 3GPP TS 29.571 [10] | | Represents a date and a time. | |  | |
| DiameterIdentity | | 3GPP TS 29.571 [10] | | Represents the diameter identity information. | |  | |
| Dnn | | 3GPP TS 29.571 [10] | | Represents a DNN. | |  | |
| Fqdn | | 3GPP TS 29.571 [10] | | Represents an FQDN. | |  | |
| Gpsi | | 3GPP TS 29.571 [10] | | Represents a GPSI. | |  | |
| IpEndPoint | | 3GPP TS 29.510 [12] | | Represents IP endpoint information. | |  | |
| Ipv4Addr | | 3GPP TS 29.571 [10] | | Represents an IPv4 address. | |  | |
| Ipv4AddrMask | | 3GPP TS 29.571 [10] | | String identifying an IPv4 address mask. | |  | |
| Ipv4AddrRm | | 3GPP TS 29.571 [10] | | Represents the same as the Ipv4Addr data type but with the OpenAPI "nullable: true" property. | |  | |
| Ipv6Prefix | | 3GPP TS 29.571 [10] | | Represents an IPv6 prefix. | |  | |
| Ipv6PrefixRm | | 3GPP TS 29.571 [10] | | Represents the same as the Ipv6Prefix data type but with the OpenAPI "nullable: true" property. | |  | |
| MacAddr48 | | 3GPP TS 29.571 [10] | | Represents a MAC address. | |  | |
| MacAddr48Rm | | 3GPP TS 29.571 [10] | | Represents a the same as the MacAddr48 data type but with the OpenAPI "nullable: true" property. | |  | |
| MbsSessionId | | 3GPP TS 29.571 [10] | | Represents the identifier of an MBS Session. | |  | |
| NfInstanceId | | 3GPP TS 29.571 [10] | | Represents the identifier of a NF instance. | |  | |
| NfSetId | | 3GPP TS 29.571 [10] | | Represents the identifier of a NF set. | |  | |
| ProblemDetails | | 3GPP TS 29.571 [10] | | Used in error responses to provide more detailed information about an error. | |  | |
| RedirectResponse | | 3GPP TS 29.571 [10] | | Contains redirection related information. | | ES3XX | |
| Snssai | | 3GPP TS 29.571 [10] | | Represents an S-NSSAI. | |  | |
| Supi | | 3GPP TS 29.571 [10] | | Represents a SUPI. | |  | |
| SupportedFeatures | | 3GPP TS 29.571 [10] | | Used to negotiate the applicability of the optional features defined in table 5.8-1. | |  | |

\* \* \* \* End of changes \* \* \* \*