**3GPP TSG-CT WG3 Meeting #134C3-242206**

**Changsha, China, 15 - 19 April, 2024 (revision of C3-242abc)**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.549** | **CR** | **0272** | **rev** | **-** | **Current version:** | **18.5.0** |  |
|  | | | | | | | | |
| *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:*** | Resolve the Editor's Notes for the analytics and data output | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Huawei, Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | ADAES | | | | |  | ***Date:*** | | | 2024-04-01 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-18 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | According to the reply LS S6-240552, SA6 will not define the specific content of the analytics and data output in Rel-18. Hence, the related Editor’s Notes can be solved. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | * Remove the Editor’s Notes for analytics and data output. * Add clarification for analytics and data output related attributes. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Open issues in the specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 7.10.1.4.2.3, 7.10.2.4.2.3, 7.10.4.4.2.3, 7.10.5.4.2.3, 7.10.8.5.2.8 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | | * The CR does not impact the OpenAPI file. * The Editor’s Notes for analytics output in clauses 7.10.1.4.2.3, 7.10.2.4.2.3 and 7.10.4.4.2.3 were removed in CR#0271. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

###### 7.10.1.4.2.3 Type: AppPerfNotif

**Table 7.10.1.4.2.3-1: Definition of type AppPerfNotif**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| output | string | M | 1 | Predicted (or computed, for statistics) change or sustainability of the VAL performance for a VAL server or a VAL session.  (NOTE 2) |  |
| valServerId | string | M | 1 | Identity of the VAL server, the data collection is related to, in the case of the notification is on the VAL performance data collection. |  |
| valUeIds | array(ValTargetUe) | O | 1..N | A list of identities of one or more VAL UEs, the data collection is related to, in the case of the notification is on the VAL performance data collection. |  |
| analyticsType | AnalyticsType | O | 0..1 | Identifies the type of analytics that are provided. |  |
| confLevel | Uinteger | C | 0..1 | Indicates the achieved confidence level in the case of prediction.  Minimum = 0. Maximum = 100. (NOTE) |  |
| timeHorizon | TimeWindow | C | 0..1 | The time window to which the predictive analytics apply. (NOTE 1) |  |
| NOTE 1: This attribute shall be provided if the "category" attribute of the "analyticsType" attribute in the subscription was set to "PREDICTIVE" and it may not be provided otherwise. | | | | | |
| NOTE 2: The content of "output" attribute is not defined in this Release of the specification. | | | | | |

Editor's Note: The metrics and details of the "output", as well as the exact contents/requirements of the "analyticsType", are FFS.

\*\*\* 2nd Change \*\*\*

###### 7.10.2.4.2.3 Type: SliceAppPerfNotif

**Table 7.10.2.4.2.3-1: Definition of type SliceAppPerfNotif**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| output | string | M | 1 | Predicted or expected performance change or sustainability of the slice-specific performance for a VAL server or a VAL session.  (NOTE 2) |  |
| analyticsType | AnalyticsType | O | 0..1 | Identifies the type of the slice-specific application performance analytics |  |
| confLevel | Uinteger | O | 0..1 | Indicates the achieved confidence level in the case of prediction.  Minimum = 0. Maximum = 100. (NOTE 1) |  |
| timeHorizon | TimeWindow | O | 0..1 | The time window to which the predictive analytics apply. (NOTE 1) |  |
| NOTE 1: This attribute shall be provided if the "category" attribute of the "analyticsType" attribute in the subscription was set to "PREDICTIVE" and it may not be provided otherwise.  NOTE 2: The content of "output" attribute is not defined in this Release of the specification. | | | | | |

Editor's Note: The metrics and details of the "output", as well as the exact content/requirements of "analyticsType", are FFS.

\*\*\* 3rd Change \*\*\*

###### 7.10.4.4.2.3 Type: LocAccurNotif

**Table 7.10.4.4.2.3-1: Definition of type LocAccurNotif**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| output | string | M | 1 | Location accuracy analytics output.  (NOTE) |  |
| analyticsType | AnalyticsType | O | 0..1 | Identifies the type of the location accuracy analytics. |  |
| confLevel | Uinteger | O | 0..1 | Indicates the achieved confidence level in the case of prediction.  Minimum = 0. Maximum = 100. |  |
| NOTE: The content of "output" attribute is not defined in this Release of the specification. | | | | | |

Editor's Note: The metrics and details of the "output", as well as the exact content/requirements for "analyticsType", are FFS.

\*\*\* 4th Change \*\*\*

###### 7.10.5.4.2.3 Type: SrvApiNotif

**Table 7.10.5.4.2.3-1: Definition of type SrvApiNotif**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| requestorId | string | M | 1 | The identifier of the requestor of these analytics. |  |
| output | string | M | 1 | Service API analytics for prediction or statistics depending on the type.  (NOTE) |  |
| area | LocationArea5G | O | 0..1 | The geographical or service area to which the service API analytics subscription is applied. |  |
| confLevel | Uinteger | O | 0..1 | Indicates the achieved confidence level in the case of prediction.  Minimum = 0. Maximum = 100. |  |
| NOTE: The content of "output" attribute is not defined in this Release of the specification. | | | | | |

\*\*\* 5th Change \*\*\*

###### 7.10.8.5.2.8 Type: EdgeInfo

Table 7.10.8.5.2.8-1: Definition of type EdgeInfo

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| edgeReq | EdgeReq | O | 0..1 | Indicates the DNAI, EAS and EES information which the data applies. |  |
| output | string | O | 0..1 | The reported data.  (NOTE) |  |
| NOTE: The content of "output" attribute is not defined in this Release of the specification. | | | | | |

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