**3GPP TSG- Meeting #**

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| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **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)*.* | | | | | | | | |
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| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network |  | Core Network | **X** |

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| ***Title:*** |  | | | | | | | | | |
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| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** | C3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** |  | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** |  |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | TS 23.288 clause 6.1B has specified how to perform transfer of context related to analytics subscriptions, with the respective functionality added via a new service operation (Nnwdaf\_AnalyticsInfo\_ContextTransfer, see TS 23.288 clause 7.3.3). This needs to be implemented by extending the Nnwdaf\_AnalyticsInfo API accordingly. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Implemented the API resources to enable the transfer of context of analytics subscriptions. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Stage 2 requirements not fulfilled. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.2.3.1, 5.2.3.Y (new subclause) | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 has no impact on any OpenAPI file. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\* \* \* \* First change \* \* \* \*

#### 5.2.3.1 Resource Structure



Figure 5.2.3.1-1: Resource URI structure of the Nnwdaf\_AnalyticsInfo API

Table 5.2.3.1-1 provides an overview of the resources and applicable HTTP methods.

Table 5.2.3.1-1: Resources and methods overview

|  |  |  |  |
| --- | --- | --- | --- |
| Resource name | Resource URI | HTTP method or custom operation | Description |
| NWDAF Analytics | /analytics | GET | Retrieve the NWDAF analytics. |
| NWDAF Context | /context | GET | Retrieve the NWDAF context information related to analytics subscriptions. |

\* \* \* \* Next change \* \* \* \*

#### 5.2.3.Y Resource: NWDAF Context

##### 5.2.3.Y.1 Description

The NWDAF Context resource represents the context information related to analytics subscriptions at the Nnwdaf\_AnalyticsInfo Service at a given NWDAF.

##### 5.2.3.Y.2 Resource definition

Resource URI: {apiRoot}/nnwdaf-analyticsinfo/v1/context

This resource shall support the resource URI variables defined in table 5.2.3.Y.2-1.

Table 5.2.3.2.2-1: Resource URI variables for this resource

|  |  |  |
| --- | --- | --- |
| Name | Data type | Definition |
| apiRoot | string | See subclause 5.2.1 |

##### 5.2.3.Y.3 Resource Standard Methods

###### 5.2.3.Y.3.1 GET

This method shall support the URI query parameters specified in table 5.2.3.Y.3.1-1.

Table 5.2.3.Y.3.1-1: URI query parameters supported by the GET method on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| context-ids | ContextIdList | M | 1 | Identifies specific context information related to analytics subscriptions. |
| req-context | RequestedContext | O | 0..1 | Identfies the types of the analytics context information the consumer wishes to receive. Absence of this attribute means that the consumer wishes to receive available context information of all types. |

This method shall support the request data structures specified in table 5.2.3.Y.3.1-2 and the response data structures and response codes specified in table 5.2.3.Y.3.1-3.

Table 5.2.3.Y.3.1-2: Data structures supported by the GET Request Body on this resource

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

Table 5.2.3.Y.3.1-3: Data structures supported by the GET Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| ContextData | M | 1 | 200 OK | Contains the context information corresponding with the context identifiers provided in the request. |
| n/a |  |  | 204 No Content | If the requested context information does not exist, the NWDAF shall respond with "204 No Content". |
| NOTE: The mandatory HTTP error status codes for the GET method listed in table 5.2.7.1-1 of 3GPP TS 29.500 [6] also apply. | | | | |

Editor's Note: It is FFS to decide if redirection codes 307 and 308 are applicable for the GET response of this resource.

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