**3GPP TSG CT WG3 Meeting #135 *C3-243120***

**Hyderabad, IN, 27 - 31 May, 2024 (Revision of C3-243xxx)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **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)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | NefEvent update in Nnef\_EventExposure API | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** |  | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | AIMLsys | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***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:*** | | DATA\_VOLUME\_TRANSFER\_TIME description is missing in the NefEvent update. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | DATA\_VOLUME\_TRANSFER\_TIME description update. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The clarity on the openAPI handling and the missing quality of the document. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 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 introduces backward compatible correction to the OpenAPI definition of the Nnef\_EventExposure API. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

# A.2 Nnef\_EventExposure API

openapi: 3.0.0

info:

title: Nnef\_EventExposure

version: 1.3.0-alpha.5

description: |

NEF Event Exposure Service.

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externalDocs:

description: >

3GPP TS 29.591 V18.5.0; 5G System; Network Exposure Function Southbound Services; Stage 3.

url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.591/

servers:

- url: '{apiRoot}/nnef-eventexposure/v1'

variables:

apiRoot:

default: https://example.com

description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501

security:

- {}

- oAuth2ClientCredentials:

- nnef-eventexposure

paths:

/subscriptions:

post:

summary: subscribe to notifications

operationId: CreateIndividualSubcription

tags:

- Subscriptions (Collection)

requestBody:

required: true

content:

application/json:

schema:

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

responses:

'201':

description: Success

content:

application/json:

schema:

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

headers:

Location:

description: >

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

{apiRoot}/nnef-eventexposure/<apiVersion>/subscriptions/{subscriptionId}

required: true

schema:

type: string

'400':

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

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'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'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

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

default:

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

callbacks:

myNotification:

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

post:

requestBody:

required: true

content:

application/json:

schema:

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

responses:

'204':

description: No Content, Notification was succesfull

'307':

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

'308':

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

'400':

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

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'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'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

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

default:

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

/subscriptions/{subscriptionId}:

get:

summary: retrieve subscription

operationId: GetIndividualSubcription

tags:

- IndividualSubscription (Document)

parameters:

- name: subscriptionId

in: path

description: Event Subscription ID

required: true

schema:

type: string

- name: supp-feat

in: query

description: Features supported by the NF service consumer

required: false

schema:

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

responses:

'200':

description: OK. Resource representation is returned

content:

application/json:

schema:

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

'307':

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

'308':

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

'400':

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

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'403':

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

'404':

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

'406':

$ref: 'TS29571\_CommonData.yaml#/components/responses/406'

'429':

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

'500':

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

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

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

default:

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

put:

summary: update subscription

operationId: ReplaceIndividualSubcription

tags:

- IndividualSubscription (Document)

requestBody:

required: true

content:

application/json:

schema:

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

parameters:

- name: subscriptionId

in: path

description: Event Subscription ID

required: true

schema:

type: string

responses:

'200':

description: OK. Resource was succesfully modified and representation is returned

content:

application/json:

schema:

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

'204':

description: No Content. Resource was succesfully modified

'307':

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

'308':

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

'400':

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

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'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'

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

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

default:

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

delete:

summary: unsubscribe from notifications

operationId: DeleteIndividualSubcription

tags:

- IndividualSubscription (Document)

parameters:

- name: subscriptionId

in: path

description: Event Subscription ID

required: true

schema:

type: string

responses:

'204':

description: No Content. Resource was succesfully deleted

'307':

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

'308':

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

'400':

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

'401':

$ref: 'TS29571\_CommonData.yaml#/components/responses/401'

'403':

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

'404':

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

'429':

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

'500':

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

'502':

$ref: 'TS29571\_CommonData.yaml#/components/responses/502'

'503':

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

default:

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

components:

securitySchemes:

oAuth2ClientCredentials:

type: oauth2

flows:

clientCredentials:

tokenUrl: '{nrfApiRoot}/oauth2/token'

scopes:

nnef-eventexposure: Access to the Nnef\_EventExposure API

schemas:

NefEventExposureSubsc:

description: Represents an Individual Network Exposure Event Subscription resource.

type: object

properties:

dataAccProfId:

type: string

eventsSubs:

type: array

items:

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

minItems: 1

eventsRepInfo:

$ref: 'TS29523\_Npcf\_EventExposure.yaml#/components/schemas/ReportingInformation'

notifUri:

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

notifId:

type: string

eventNotifs:

type: array

items:

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

minItems: 1

suppFeat:

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

required:

- eventsSubs

- notifId

- notifUri

NefEventExposureNotif:

description: >

Represents notifications on network exposure event(s) that occurred for an Individual Network

Exposure Event Subscription resource.

type: object

properties:

notifId:

type: string

eventNotifs:

type: array

items:

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

minItems: 1

required:

- notifId

- eventNotifs

NefEventNotification:

description: Represents information related to an event to be reported.

type: object

properties:

event:

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

timeStamp:

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

svcExprcInfos:

type: array

items:

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

minItems: 1

ueMobilityInfos:

type: array

items:

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

minItems: 1

ueCommInfos:

type: array

items:

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

minItems: 1

excepInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/ExceptionInfo'

minItems: 1

congestionInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/UserDataCongestionCollection'

minItems: 1

perfDataInfos:

type: array

items:

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

minItems: 1

dispersionInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/DispersionCollection'

minItems: 1

collBhvrInfs:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/CollectiveBehaviourInfo'

minItems: 1

msQoeMetrInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/MsQoeMetricsCollection'

minItems: 1

deprecated: true

msQoeMetrics:

type: array

items:

$ref: 'TS26512\_EventExposure.yaml#/components/schemas/QoEMetricsCollection'

minItems: 1

description: Represents the Media Streaming QoE metrics event notification.

msConsumpInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/MsConsumptionCollection'

minItems: 1

deprecated: true

msConsumpReports:

type: array

items:

$ref: 'TS26512\_EventExposure.yaml#/components/schemas/ConsumptionReportingUnitsCollection'

minItems: 1

description: Represents the Media Streaming Consumption event notification.

msNetAssInvInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/MsNetAssInvocationCollection'

minItems: 1

deprecated: true

msNetAssistInvocation:

type: array

items:

$ref: 'TS26512\_EventExposure.yaml#/components/schemas/NetworkAssistanceInvocationsCollection'

minItems: 1

description: >

Represents the Media Streaming Network Assistance Invocations event notification.

msDynPlyInvInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/MsDynPolicyInvocationCollection'

minItems: 1

deprecated: true

msDynPlyInvocation:

type: array

items:

$ref: 'TS26512\_EventExposure.yaml#/components/schemas/DynamicPolicyInvocationsCollection'

minItems: 1

description: Represents the Media Streaming Dynamic Policy Invocations event notification.

msAccActInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/MSAccessActivityCollection'

minItems: 1

deprecated: true

msAccess:

type: array

items:

$ref: 'TS26512\_EventExposure.yaml#/components/schemas/MediaStreamingAccessesCollection'

minItems: 1

description: Represents the Media Streaming access event notification.

gnssAssistDataInfo:

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

datVolTransTimeInfos:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/DatVolTransTimeCollection'

minItems: 1

required:

- event

- timeStamp

NefEventSubs:

description: Represents an event to be subscribed and the related event filter information.

type: object

properties:

event:

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

eventFilter:

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

eventRepInfo:

$ref: 'TS29523\_Npcf\_EventExposure.yaml#/components/schemas/ReportingInformation'

required:

- event

NefEventFilter:

description: Represents event filter information for an event.

type: object

properties:

tgtUe:

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

appIds:

type: array

items:

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

minItems: 1

locArea:

$ref: 'TS29554\_Npcf\_BDTPolicyControl.yaml#/components/schemas/NetworkAreaInfo'

collAttrs:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/CollectiveBehaviourFilter'

minItems: 1

required:

- tgtUe

TargetUeIdentification:

description: Identifies the UE to which the request applies.

type: object

properties:

supis:

type: array

items:

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

minItems: 1

interGroupIds:

type: array

items:

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

minItems: 1

anyUeId:

type: boolean

ueIpAddr:

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

ServiceExperienceInfo:

description: Contains service experience information associated with an application.

type: object

properties:

appId:

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

supis:

type: array

items:

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

minItems: 1

svcExpPerFlows:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/ServiceExperienceInfoPerFlow'

minItems: 1

contrWeights:

type: array

items:

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

minItems: 1

required:

- svcExpPerFlows

UeMobilityInfo:

description: >

Contains UE mobility information associated with an application. If the "appId" attribute is

not present, then indicates the collected UE mobility information is applicable to all the

applications for the UE.

type: object

properties:

supi:

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

appId:

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

ueTrajs:

type: array

items:

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

minItems: 1

areas:

type: array

items:

$ref: 'TS29554\_Npcf\_BDTPolicyControl.yaml#/components/schemas/NetworkAreaInfo'

minItems: 1

required:

- supi

- ueTrajs

UeCommunicationInfo:

description: Contains UE communication information associated with an application.

type: object

properties:

supi:

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

interGroupId:

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

appId:

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

comms:

type: array

items:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/CommunicationCollection'

minItems: 1

required:

- comms

UeTrajectoryInfo:

description: Contains UE trajectory information.

type: object

properties:

ts:

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

location:

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

required:

- ts

- location

PerformanceDataInfo:

description: Contains Performance Data Analytics related information collection.

type: object

properties:

appId:

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

ueIpAddr:

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

ipTrafficFilter:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/FlowInfo'

userLoc:

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

appLocs:

type: array

items:

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

minItems: 1

asAddr:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/AddrFqdn'

perfData:

$ref: 'TS29517\_Naf\_EventExposure.yaml#/components/schemas/PerformanceData'

timeStamp:

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

required:

- perfData

- timeStamp

GNSSAssistDataInfo:

description: Represents GNSS Assistance Data related information.

type: object

properties:

gnssAssistData:

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

servArea:

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

sourceInfo:

$ref: 'TS29572\_Nlmf\_Location.yaml#/components/schemas/GeographicalCoordinates'

required:

- gnssAssistData

- servArea

GNSSServArea:

description: Represents the serving area of the GNSS Assistance Data.

type: object

properties:

geographicalArea:

$ref: 'TS29572\_Nlmf\_Location.yaml#/components/schemas/GeographicArea'

taiList:

type: array

items:

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

minItems: 1

oneOf:

- required: [geographicalArea]

- required: [taiList]

# Simple data types and Enumerations

NefEvent:

anyOf:

- type: string

enum:

- SVC\_EXPERIENCE

- UE\_MOBILITY

- UE\_COMM

- EXCEPTIONS

- USER\_DATA\_CONGESTION

- PERF\_DATA

- DISPERSION

- COLLECTIVE\_BEHAVIOUR

- MS\_QOE\_METRICS

- MS\_CONSUMPTION

- MS\_NET\_ASSIST\_INVOCATION

- MS\_DYN\_POLICY\_INVOCATION

- MS\_ACCESS\_ACTIVITY

- GNSS\_ASSISTANCE\_DATA

- DATA\_VOLUME\_TRANSFER\_TIME

- type: string

description: >

This string provides forward-compatibility with future extensions to the enumeration but

is not used to encode content defined in the present version of this API.

description: |

Represents a Network Exposure Event.

Possible values are:

- SVC\_EXPERIENCE: Indicates that the subscribed/notified event is service experience

information for an application.

- UE\_MOBILITY: Indicates that the subscribed/notified event is UE mobility information.

- UE\_COMM: Indicates that the subscribed/notified event is UE communication information.

- EXCEPTIONS: Indicates that the subscribed/notified event is exceptions information.

- USER\_DATA\_CONGESTION: Indicates that the subscribed/notified event is user data congestion

analytics related information.

- PERF\_DATA: Indicates that the subscribed/notified event is performance data information.

- DISPERSION: Indicates that the subscribed/notified event is dispersion information.

- COLLECTIVE\_BEHAVIOUR: Indicates that the subscribed/notified event is collective behaviour

information.

- MS\_QOE\_METRICS: Indicates that the subscribed/notified event is Media Streaming QoE

metrics.

- MS\_CONSUMPTION: Indicates that the subscribed/notified event is Media Streaming

consumption reports.

- MS\_NET\_ASSIST\_INVOCATION: Indicates that the subscribed/notified event is Media Streaming

network assistance invocation.

- MS\_DYN\_POLICY\_INVOCATION: Indicates that the subscribed/notified event is Media Streaming

dynamic policy invocation.

- MS\_ACCESS\_ACTIVITY: Indicates that the subscribed/notified event is Media Streaming access

activity.

- GNSS\_ASSISTANCE\_DATA: Indicates that the subscribed/notified event is GNSS Assistance Data

Collection.

- DATA\_VOLUME\_TRANSFER\_TIME: Indicates that the event subscribed is data volume transfer

time information.

GNSSAssistData:

type: string

description: >

Represents GNSS Assistance Data encoded as specified in clause 6.5.2.1 of

3GPP TS 37.355 [31].

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