**3GPP TSG CT WG3 Meeting #135 *C3-243121***

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

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.522** | **CR** | **1278** | **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)*.* | | | | | | | | |
|  | | | | | | | | |

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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Servers description update | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | AIMLsys | | | | |  | ***Date:*** | | | 2024-05-20 |
|  |  | | | |  | |  | | |  |
| ***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-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | 1. The description is missing in the Open API for notified, geoDistrInfos attributes. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | 1. The description is updated in the openAPI | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | The quick description for the OpenAPI attribute is missing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | A.30 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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 MemberUESelectionAssistance API. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

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

A.30 MemberUESelectionAssistance API

openapi: 3.0.0

info:

title: 3gpp-musa

version: 1.0.0-alpha.3

description: |

API for Member UE Selection Assistance.

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externalDocs:

description: >

3GPP TS 29.522 V18.5.0; 5G System; Network Exposure Function Northbound APIs.

url: 'https://www.3gpp.org/ftp/Specs/archive/29\_series/29.522/'

servers:

- url: '{apiRoot}/3gpp-musa/v1'

variables:

apiRoot:

default: https://example.com

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

security:

- {}

- oAuth2ClientCredentials: []

paths:

/{afId}/subscriptions:

parameters:

- name: afId

in: path

description: Identifier of the AF

required: true

schema:

type: string

get:

summary: read all of the active subscriptions for the AF

operationId: ReadAllSubscriptions

tags:

- Member UE Selection Assistance Subscription

responses:

'200':

description: OK.

content:

application/json:

schema:

type: array

items:

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

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'406':

$ref: 'TS29122\_CommonData.yaml#/components/responses/406'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

post:

summary: Create a new subscription to Member UE Selection Assistance.

operationId: CreateMemberUESelectionAssistanceSubcription

tags:

- Member UE Selection Assistance Subscription

requestBody:

required: true

content:

application/json:

schema:

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

responses:

'201':

description: Create a new Individual Member UE Selection Assistance Subscription resource.

content:

application/json:

schema:

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

headers:

Location:

description: >

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

{apiRoot}/3gpp-musa/v1/{afId}/subscriptions/{subscriptionId}.

required: true

schema:

type: string

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

callbacks:

notificationDestination:

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

post:

requestBody:

required: true

content:

application/json:

schema:

type: array

items:

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

minItems: 1

responses:

'204':

description: No Content, Notification was succesfull

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

/{afId}/subscriptions/{subscriptionId}:

parameters:

- name: afId

in: path

description: Identifier of the AF.

required: true

schema:

type: string

- name: subscriptionId

in: path

description: Identifier of the subscription resource.

required: true

schema:

type: string

get:

summary: Read an active subscription identified by the subscriptionId.

operationId: ReadSubscription

tags:

- Individual Member UE Selection Assistance Subscription

responses:

'200':

description: OK (Successful get the active subscription).

content:

application/json:

schema:

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

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'406':

$ref: 'TS29122\_CommonData.yaml#/components/responses/406'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

put:

summary: Update/Replace an existing subscription resource.

operationId: UpdateSubscription

tags:

- Individual Member UE Selection Assistance Subscription

requestBody:

description: Parameters to replace the existing subscription.

required: true

content:

application/json:

schema:

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

responses:

'200':

description: OK (Successful update of the subscription).

content:

application/json:

schema:

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

'204':

description: No Content.

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

patch:

summary: Modifyan existing subscription resource

operationId: ModifySubscription

tags:

- Individual Traffic Influence Subscription

requestBody:

required: true

content:

application/merge-patch+json:

schema:

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

responses:

'200':

description: OK. The subscription was modified successfully.

content:

application/json:

schema:

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

'204':

description: No Content.

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'411':

$ref: 'TS29122\_CommonData.yaml#/components/responses/411'

'413':

$ref: 'TS29122\_CommonData.yaml#/components/responses/413'

'415':

$ref: 'TS29122\_CommonData.yaml#/components/responses/415'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

delete:

summary: Delete an existing subscription.

operationId: DeleteSubscription

tags:

- Individual Member UE Selection Assistance Subscription

responses:

'204':

description: No Content (Successful deletion of the existing subscription)

'307':

$ref: 'TS29122\_CommonData.yaml#/components/responses/307'

'308':

$ref: 'TS29122\_CommonData.yaml#/components/responses/308'

'400':

$ref: 'TS29122\_CommonData.yaml#/components/responses/400'

'401':

$ref: 'TS29122\_CommonData.yaml#/components/responses/401'

'403':

$ref: 'TS29122\_CommonData.yaml#/components/responses/403'

'404':

$ref: 'TS29122\_CommonData.yaml#/components/responses/404'

'429':

$ref: 'TS29122\_CommonData.yaml#/components/responses/429'

'500':

$ref: 'TS29122\_CommonData.yaml#/components/responses/500'

'503':

$ref: 'TS29122\_CommonData.yaml#/components/responses/503'

default:

$ref: 'TS29122\_CommonData.yaml#/components/responses/default'

components:

securitySchemes:

oAuth2ClientCredentials:

type: oauth2

flows:

clientCredentials:

tokenUrl: '{nrfApiRoot}/oauth2/token'

scopes: {}

schemas:

MemUeSelectAssistSubsc:

description: Represents an Member UE Selection Assistance Subscription.

type: object

properties:

afId:

type: string

description: The AF Identifier.

tgtUeIds:

type: array

items:

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

minItems: 1

description: >

Identifies the GPSIs of a list of UEs for Member UE Selection Assistance Reporting.

tgtUeIps:

type: array

items:

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

minItems: 1

description: >

Identifies the IP addresses of a list of UEs for Member UE Selection Assistance

Reporting.

notifUri:

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

notifId:

type: string

description: Contains the Notification Correlation ID assigned by the AF.

expTime:

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

qosFilters:

type: array

items:

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

minItems: 1

description: The QoS filtering criteria for Member UE selection.

accRatTypeFilters:

type: array

items:

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

minItems: 1

description: The Access types and Rat types filtering criteria for Member UE selection.

e2eTransTimeFilters:

type: array

items:

$ref: '#/components/schemas/E2ETransTimeFilterCriteria'

minItems: 1

description: >

The End-to-end data volume transfer time filtering criteria for Member UE selection.

ueLocFilters:

type: array

items:

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

minItems: 1

description: The UE location filtering criteria for Member UE selection.

ueHisLocFilters:

type: array

items:

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

minItems: 1

description: The UE historical location filtering criteria for Member UE selection.

ueDirFilters:

type: array

items:

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

minItems: 1

description: The UE direction filtering criteria for Member UE selection.

ueDistanceFilters:

type: array

items:

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

minItems: 1

description: The UE distance filtering criteria for Member UE selection.

serviceExpFilters:

type: array

items:

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

minItems: 1

description: The Service Experience filtering criteria for Member UE selection.

dnnFilters:

type: array

items:

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

minItems: 1

description: The DNN filtering criteria for Member UE selection.

memUpdatePeriod:

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

maxUeNum:

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

timeWin:

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

suppFeat:

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

required:

- notifUri

- notifId

oneOf:

- required: [tgtUeIds]

- required: [tgtUeIps]

anyOf:

- required: [qosFilters]

- required: [accRatTypeFilters]

- required: [e2eTransTimeFilters]

- required: [ueLocFilters]

- required: [ueHisLocFilters]

- required: [ueDirFilters]

- required: [ueDistanceFilters]

- required: [serviceExpFilters]

- required: [dnnFilters]

QoSFilterCriteria:

description: The QoS filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29508\_Nsmf\_EventExposure.yaml#/components/schemas/SmfEvent'

appId:

type: string

description: Identifies an application.

dnn:

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

snssai:

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

ulDelay:

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

dlDelay:

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

rtDelay:

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

AccessRatTypeFilterCriteria:

description: The Access types and Rat types filtering criteria for Member UE selection.

type: object

properties:

events:

type: array

items:

$ref: 'TS29508\_Nsmf\_EventExposure.yaml#/components/schemas/SmfEvent'

minItems: 1

description: >

Indicates the SMF event(s) which may be used to retrieve the Access Type and/or RAT Type

of the selected UE.

dnn:

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

snssai:

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

accTypes:

type: array

items:

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

minItems: 1

description: Indicates the Access Types of the selected UE.

ratTypes:

type: array

items:

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

minItems: 1

description: Indicate the RAT Types of the selected UE.

E2ETransTimeFilterCriteria:

description: >

The End-to-end data volume transfer time filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/NwdafEvent'

appId:

type: string

description: Identifies an application.

dnn:

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

snssai:

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

dataVolTransTime:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/DataVolumeTransferTime'

geoDistrInfos:

type: array

items:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/GeoDistributionInfo'

minItems: 1

description: Indicates the request for geographical distribution of UEs.

locationArea:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/LocationArea5G'

numDataTrans:

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

timeInterval:

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

UeLocFilterCriteria:

description: The UE location filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29518\_Namf\_EventExposure.yaml#/components/schemas/AmfEventType'

loc:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/LocationArea5G'

UeHisLocFilterCriteria:

description: The UE historical location filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/NwdafEvent'

loc:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/LocationArea5G'

UeDirectionFilterCriteria:

description: The UE direction filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/NwdafEvent'

directions:

type: array

items:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/Direction'

minItems: 1

description: Indicates the moving directions of the UEs.

UeDistanceFilterCriteria:

description: The UE distance filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/NwdafEvent'

distance:

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

ServiceExpFilterCriteria:

description: The Service Experience filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/NwdafEvent'

dnn:

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

snssai:

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

appId:

type: string

description: Identifies an application.

dnai:

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

loc:

$ref: 'TS29122\_CommonData.yaml#/components/schemas/LocationArea5G'

contribWeightThr:

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

expTypes:

type: array

items:

$ref: 'TS29520\_Nnwdaf\_EventsSubscription.yaml#/components/schemas/ServiceExperienceType'

minItems: 1

description: Indicates the Service Experience Types.

DnnFilterCriteria:

description: The DNN filtering criteria for Member UE selection.

type: object

properties:

event:

$ref: 'TS29508\_Nsmf\_EventExposure.yaml#/components/schemas/SmfEvent'

dnn:

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

MemUeSeletAssistNotif:

description: Represents a Member UE Selection Assistance notification.

type: object

properties:

notifId:

type: string

candiUeInfos:

type: array

items:

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

minItems: 1

description: >

Identifies the lists of candidate UEs information for Member Selection Assistance

Reporting.

memUeSelectRpts:

type: array

items:

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

minItems: 1

description: Identifies the list of UEs for Member Selection Assistance Reporting.

required:

- notifId

- candiUeInfos

MemUeSeletReport:

description: Indicates the Member UE selection report.

type: object

properties:

criterionType:

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

numForCriterion:

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

required:

- criterionType

- numForCriterion

CandiUeInfo:

description: Identifies the list of candidate UEs information.

type: object

properties:

candUeIds:

type: array

items:

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

minItems: 1

candUeIps:

type: array

items:

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

minItems: 1

remdTimeWin:

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

oneOf:

- required: [candUeIds]

- required: [candUeIps]

MemUeSelectAssistSubscPatch:

description: Represents an Member UE Selection Assistance Subscription.

type: object

properties:

notifUri:

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

notifId:

type: string

expTime:

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

qosFilters:

type: array

items:

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

minItems: 1

description: The QoS filtering criteria for Member UE selection.

accRatTypeFilters:

type: array

items:

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

minItems: 1

description: The Access types and Rat types filtering criteria for Member UE selection.

e2eTransTimeFilters:

type: array

items:

$ref: '#/components/schemas/E2ETransTimeFilterCriteria'

minItems: 1

description: >

The End-to-end data volume transfer time filtering criteria for Member UE selection.

ueLocFilters:

type: array

items:

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

minItems: 1

description: The UE location filtering criteria for Member UE selection.

ueHisLocFilters:

type: array

items:

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

minItems: 1

description: The UE historical location filtering criteria for Member UE selection.

ueDirFilters:

type: array

items:

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

minItems: 1

description: The UE direction filtering criteria for Member UE selection.

ueDistanceFilters:

type: array

items:

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

minItems: 1

description: The UE distance filtering criteria for Member UE selection.

serviceExpFilters:

type: array

items:

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

minItems: 1

description: The Service Experience filtering criteria for Member UE selection.

dnnFilters:

type: array

items:

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

minItems: 1

description: The DNN filtering criteria for Member UE selection.

memUpdatePeriod:

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

maxUeNum:

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

timeWin:

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

nullable: true

FilterCriterionType:

anyOf:

- type: string

enum:

- QOS

- ACCESS\_RAT\_TYPE

- E2E\_DATA\_VOLUME\_TRANSFER\_TIME

- UE\_LOCATION

- UE\_HISTORICAL\_LOCATION

- UE\_DIRECTION

- UE\_DISTANCE

- SERVICE\_EXPERIENCE

- DNN

- type: string

description: >

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

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

description: |

Represents the filter criterion event

Possible values are:

- QOS: Indicates QoS criterion.

- ACCESS\_RAT\_TYPE: Indicates Access and Rat types criterion.

- E2E\_DATA\_VOLUME\_TRANSFER\_TIME: Indicates End-to-end data volume transfer time criterion.

- UE\_LOCATION: Indicates UE location criterion.

- UE\_HISTORICAL\_LOCATION: Indicates UE historical location criterion.

- UE\_DIRECTION: Indicates UE direction criterion.

- UE\_DISTANCE: Indicates UE distance criterion.

- SERVICE\_EXPERIENCE: Indicates the Service Experience criterion.

- DNN: Indicates the DNN criterion.

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