**3GPP TSG-CT3 Meeting #123e C3-224746**

**E-Meeting, 18th – 26th August 2022** (revision of )

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **29.514** | **CR** | **0012** | **rev** | **-** | **Current version:** | **17.1.0** |  |
|  | | | | | | | | |
| *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:*** | Update of info and externalDocs fields | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | CT3 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI17 | | | | |  | ***Date:*** | | | 2022-08-26 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-17 |
|  | *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:*** | | CRs modifying Npcf\_AMPolicyAuthorization API have been agreed and the version number of the corresponding OpenAPI file thus needs to be incremented following the rules in TS 29.501, clause 4.3.1.  The following agreed CR(s) update the Npcf\_AMPolicyAuthorization API for the present release:  - TS 29.534 CR #0011 is a backward compatible correction in Rel-17.  As the present release is frozen and all the changes are backward compatible correction(s), only the PATCH field needs to be increased.  Since a new TS version will be provided with changes to the OpenAPI specification file, the TS version number included in the "description" field of the "externalDocs" object also needs to be updated. | | | | | | | | |
| ***F*** | |  | | | | | | | | |
| ***Summary of change:*** | | The Npcf\_AMPolicyAuthorization API version is updated to value "1.0.1".  The TS version number in the "description" field of the "externalDocs" object is changed to "17.2.0". | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incorrect API version number and incorrect TS version number in the "description" field of the "externalDocs" object. | | | | | | | | |
|  | |  | | | | | | | | |
| ***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's revision history:*** | |  | | | | | | | | |

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

# A.2 Npcf\_AMPolicyAuthorization API

openapi: 3.0.0

info:

title: Npcf\_AMPolicyAuthorization Service API

version: 1.0.1

description: |

PCF Access and Mobility Policy Authorization Service.

© 2022, 3GPP Organizational Partners (ARIB, ATIS, CCSA, ETSI, TSDSI, TTA, TTC).

All rights reserved.

externalDocs:

description: >

3GPP TS 29.534 V17.2.0;

5G System; Access and Mobility Policy Authorization Service; Stage 3.

url: 'https://www.3gpp.org/ftp/Specs/archive/29\_series/29.534/'

#

servers:

- url: '{apiRoot}/npcf-am-policyauthorization/v1'

variables:

apiRoot:

default: https://example.com

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

#

security:

- {}

- oAuth2ClientCredentials:

- npcf-am-policyauthorization

paths:

/app-am-contexts:

post:

summary: Creates a new Individual Application AM Context resource

operationId: PostAppAmContexts

tags:

- Application AM contexts (Collection)

requestBody:

description: Contains the information for the creation the resource.

required: true

content:

application/json:

schema:

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

responses:

'201':

description: Successful creation of the resource.

content:

application/json:

schema:

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

headers:

Location:

description: >

Contains the URI of the created individual application AM context resource,

according to the structure

{apiRoot}/npcf-am-policyauthorization/<apiVersion>/app-am-contexts/{appAmContextId}

or the URI of the created AM Policy events subscription subresource,

according to the structure

{apiRoot}/npcf-am-policyauthorization/<apiVersion>/app-am-contexts/{appAmContextId}/events-subscription}

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'

'503':

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

default:

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

callbacks:

terminationRequest:

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

post:

requestBody:

description: Request of the termination of the Individual Application AM Context.

required: true

content:

application/json:

schema:

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

responses:

'204':

description: The receipt of the notification is acknowledged.

'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'

'503':

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

default:

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

amEventNotification:

'{$request.body#/evSubsc/eventNotifUri}':

post:

requestBody:

description: Notification of an event occurrence in the PCF.

required: true

content:

application/json:

schema:

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

responses:

'204':

description: The receipt of the notification is acknowledged.

'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'

'503':

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

default:

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

#

/app-am-contexts/{appAmContextId}:

get:

summary: "Reads an existing Individual Application AM Context"

operationId: GetAppAmContext

tags:

- Individual Application AM Context (Document)

parameters:

- name: appAmContextId

description: String identifying the resource.

in: path

required: true

schema:

type: string

responses:

'200':

description: A representation of the resource is returned.

content:

application/json:

schema:

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

'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'

'503':

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

default:

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

#

patch:

summary: "Modifies an existing Individual Application AM Context"

operationId: ModAppAmContext

tags:

- Individual Application AM Context (Document)

parameters:

- name: appAmContextId

description: String identifying the resource.

in: path

required: true

schema:

type: string

requestBody:

description: Modification of the resource.

required: true

content:

application/merge-patch+json:

schema:

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

responses:

'200':

description: >

Successful modification of the resource and a representation of that resource is

returned. If a subscribed event is matched, the event notification is also included

in the response.

content:

application/json:

schema:

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

'204':

description: The successful modification.

'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'

'503':

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

default:

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

callbacks:

amEventNotification:

'{$request.body#/evSubsc/eventNotifUri}':

post:

requestBody:

description: Notification of an event occurrence in the PCF.

required: true

content:

application/json:

schema:

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

responses:

'204':

description: The receipt of the notification is acknowledged.

'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'

'503':

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

default:

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

#

delete:

summary: Deletes an existing Individual Application AM Context

operationId: DeleteAppAmContext

tags:

- Individual Application AM Context (Document)

parameters:

- name: appAmContextId

description: String identifying the Individual Application AM Context resource.

in: path

required: true

schema:

type: string

responses:

'204':

description: The deletion is confirmed without returning additional data.

'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'

'503':

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

default:

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

#

/app-am-contexts/{appAmContextId}/events-subscription:

put:

summary: creates or modifies an AM Policy Events Subscription subresource.

operationId: updateAmEventsSubsc

tags:

- AM Policy Events Subscription (Document)

parameters:

- name: appAmContextId

description: String identifying the AM Policy Events Subscription subresource.

in: path

required: true

schema:

type: string

requestBody:

description: Creation or modification of an AM Policy Events Subscription subresource.

required: true

content:

application/json:

schema:

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

responses:

'201':

description: >

The creation of the AM Policy Events Subscription subresource is confirmed and its

representation is returned. If an AM Event is matched, the response also includes the

notification.

content:

application/json:

schema:

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

headers:

Location:

description: >

Contains the URI of the created AM Policy Events Subscription subresource,

according to the structure

{apiRoot}/npcf-am-policyauthorization/<apiVersion>/app-am-contexts/{appAmContextId}/events-subscription}

required: true

schema:

type: string

'200':

description: The modification of the AM Policy Events Subscription subresource is confirmed and its representation is returned. If an AM Event is matched, the response also includes the notification.

content:

application/json:

schema:

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

'204':

description: The modification of the AM Policy Events Subscription subresource is confirmed without returning additional data.

'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'

'503':

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

default:

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

callbacks:

amEventNotification:

'{$request.body#/evSubsc/eventNotifUri}':

post:

requestBody:

description: Contains the information for the notification of an event occurrence in the PCF.

required: true

content:

application/json:

schema:

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

responses:

'204':

description: The receipt of the notification is acknowledged.

'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'

'503':

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

default:

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

delete:

summary: deletes the AM Policy Events Subscription subresource

operationId: DeleteAmEventsSubsc

tags:

- AM Policy Events Subscription (Document)

parameters:

- name: appAmContextId

description: String identifying the Individual Application AM Context resource.

in: path

required: true

schema:

type: string

responses:

'204':

description: The deletion of the of the AM Policy Events Subscription subresource is confirmed without returning additional data.

'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'

'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:

npcf-am-policyauthorization: Access to the Npcf\_AMPolicyAuthorization API

#

schemas:

#

AppAmContextData:

description: Represents an Individual Application AM Context resource.

type: object

required:

- supi

- termNotifUri

properties:

supi:

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

gpsi:

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

termNotifUri:

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

evSubsc:

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

suppFeat:

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

expiry:

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

highThruInd:

type: boolean

description: Indicates whether high throughput is desired for the indicated UE traffic.

covReq:

type: array

description: Identifies a list of Tracking Areas per serving network where service is allowed.

items:

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

minItems: 1

asTimeDisParam:

$ref: 'TS29507\_Npcf\_AMPolicyControl.yaml#/components/schemas/AsTimeDistributionParam'

anyOf:

- anyOf:

- required: [highThruInd]

- required: [covReq]

- required: [asTimeDisParam]

#

#

AppAmContextUpdateData:

description: Describes the modifications to an Individual Application AM resource.

type: object

properties:

termNotifUri:

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

evSubsc:

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

expiry:

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

highThruInd:

description: Indicates whether high throughput is desired for the indicated UE traffic.

type: boolean

nullable: true

covReq:

type: array

description: Identifies a list of Tracking Areas per serving network where service is allowed.

items:

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

minItems: 1

nullable: true

asTimeDisParam:

$ref: 'TS29507\_Npcf\_AMPolicyControl.yaml#/components/schemas/AsTimeDistributionParam'

#

AmEventsSubscData:

description: It represents the AM Policy Events Subscription subresource and identifies the events the application subscribes to.

type: object

required:

- eventNotifUri

properties:

eventNotifUri:

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

events:

type: array

items:

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

minItems: 1

#

AmEventsNotification:

description: Describes the notification about the events occurred within an Individual Application AM Context resource.

type: object

required:

- repEvents

properties:

appAmContextId:

type: string

description: Contains the AM Policy Events Subscription resource identifier related to the event notification.

repEvents:

type: array

items:

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

minItems: 1

#

AmTerminationInfo:

description: Includes information related to the termination of the Individual Application AM Context resource.

type: object

required:

- appAmContextId

- termCause

properties:

appAmContextId:

type: string

description: Contains the Individual application AM context resource identifier related to the termination notification.

termCause:

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

#

AmEventsSubscDataRm:

description: This data type is defined in the same way as the AmEventsSubscData but with the OpenAPI nullable property set to true.

type: object

properties:

eventNotifUri:

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

events:

type: array

items:

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

minItems: 1

nullable: true

#

AmEventData:

description: This data type contains the event identifier and the related event reporting information.

type: object

required:

- event

properties:

event:

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

immRep:

type: boolean

notifMethod:

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

maxReportNbr:

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

monDur:

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

repPeriod:

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

#

AmEventNotification:

description: Describes the notification of a subscription.

type: object

required:

- event

properties:

event:

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

appliedCov:

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

pduidInfo:

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

#

PduidInformation:

description: Contains the ProSe Discovery UE ID and its validity timer.

type: object

required:

- expiry

- pduid

properties:

expiry:

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

pduid:

$ref: 'TS29555\_N5g-ddnmf\_Discovery.yaml#/components/schemas/Pduid'

#

ServiceAreaCoverageInfo:

description: It represents a list of Tracking Areas within a serving network.

type: object

required:

- tacList

properties:

tacList:

type: array

description: Indicates a list of Tracking Areas where the service is allowed.

items:

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

servingNetwork:

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

#

# ENUMERATIONS DATA TYPES

#

AmTerminationCause:

description: It represents the cause values that the PCF should report when requesting to an NF service consumer the deletion of an "AF application AM context" resource.

anyOf:

- type: string

enum:

- UE\_DEREGISTERED

- UNSPECIFIED

- INSUFFICIENT\_RESOURCES

- type: string

#

AmEvent:

anyOf:

- type: string

enum:

- SAC\_CH

- PDUID\_CH

- type: string

description: |

Possible values are:

- SAC\_CH: Service Area Coverage Change

- PDUID\_CH: The PDUID assigned to a UE for the UE ProSe Policies changed

#

#

AppAmContextRespData:

description: It represents a response to a modification or creation request of an Individual Application AM resource. It may contain the notification of the already met events.

anyOf:

- $ref: '#/components/schemas/AppAmContextData'

- $ref: '#/components/schemas/AmEventsNotification'

#

AmEventsSubscRespData:

description: Identifies the events the application subscribes to within an AM Policy Events Subscription subresource data. It may contain the notification of the already met events.

anyOf:

- $ref: '#/components/schemas/AmEventsSubscData'

- $ref: '#/components/schemas/AmEventsNotification'

#

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