



ApplicationData

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OpenAPI

OpenAPI Version: 3.0.0

info

Version: '-'

Title: 'Unified Data Repository Service API file for policy data'

Description: 'The API version is defined in 3GPP TS 29.504'

externalDocs

Description: 3GPP TS 29.519 V15.2.0; 5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure.

URL: 'http://www.3gpp.org/ftp/Specs/archive/29_series/29.519/'

paths

/policy-data/ues/{ueId}/am-data

Parameters:

- name: ueId

In: path

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

get:

Responses:

'200' Upon success, a response body containing access and mobility policies shall be returned.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/AmPolicyData'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/ues/{ueId}/ue-policy-set

Parameters:

- name: ueId

In: path

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

get:

Responses:

'200' Upon success, a response body containing UE policies shall be returned.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/UePolicySet'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

put:

Request Body:

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/UePolicySet'

Responses:

'201' Successful case. The resource has been successfully created and a response body containing a representation of the created UEPolicySet resource shall be returned.

Headers:

Location:

Description: 'Contains the URI of the newly created resource'

Required/Optional: true

Schema:

Type: string

'204' Successful case. The resource has been successfully updated and no additional content is to be sent in the response message.

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'411': Reference 'TS29571_CommonData.yaml#/components/responses/411'

'413': Reference 'TS29571_CommonData.yaml#/components/responses/413'

'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

patch:

Request Body:

Content:

application/merge-patch+json:

Schema:

Reference: '#/components/schemas/UePolicySet'

Responses:

'204' Successful case. The resource has been successfully updated and no additional content is to be sent in the response message.

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'411': Reference 'TS29571_CommonData.yaml#/components/responses/411'

'413': Reference 'TS29571_CommonData.yaml#/components/responses/413'

'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/ues/{ueld}/sm-data

get:

Parameters:

- name: ueld

In: path

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

- name: sssai

In: query

Required/Optional: false

Schema:**Reference:** 'TS29571_CommonData.yaml#/components/schemas/Snssai'

- name: dnn

In: query**Required/Optional:** false**Schema:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/Dnn'

- name: fields

In: query**Description:** attributes to be retrieved**Required/Optional:** false**Schema:****Type:** array**items:****Type:** string**Responses:**

'200' Upon success, a response body containing SmPolicyData shall be returned.

Content:**Application/JSON:****Schema:****Reference:** '#/components/schemas/SmPolicyData'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'414': Reference 'TS29571_CommonData.yaml#/components/responses/414'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'**patch:****Parameters:**

- name: ueId

In: path

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

Request Body:

Content:

application/merge-patch+json:

Schema:

Type: object

additionalProperties:

Reference: '#/components/schemas/UsageMonData'

Responses:

'204': Successful case. The resource has been successfully updated and no additional content is to be sent in the response message.

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'411': Reference 'TS29571_CommonData.yaml#/components/responses/411'

'413': Reference 'TS29571_CommonData.yaml#/components/responses/413'

'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/ues/{ueId}/sm-data/{usageMonId}

get:

Parameters:

- name: ueId

In: path

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

- name: usageMonId

In: path

Required/Optional: true

Schema:

Type: string

Responses:

'200' Successful case. The usage monitoring data is returned.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/UsageMonData'

'204' The resource was found but no usage monitoring data is available.

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'414': Reference 'TS29571_CommonData.yaml#/components/responses/414'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

put:

Parameters:

- name: ueId

In: path

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

- name: usageMonId

In: path

Required/Optional: true

Schema:

Type: string

Request Body:

Content:**Application/JSON:****Schema:****Reference:** '#/components/schemas/UsageMonData'**Responses:****'201'** Successful case. The resource has been successfully created and a response body is returned containing a representation of the resource.**Headers:****Location:****Description:** 'Contains the URI of the newly created resource'**Required/Optional:** true**Schema:****Type:** string**'400':** Reference 'TS29571_CommonData.yaml#/components/responses/400'**'401':** Reference 'TS29571_CommonData.yaml#/components/responses/401'**'403':** Reference 'TS29571_CommonData.yaml#/components/responses/403'**'404':** Reference 'TS29571_CommonData.yaml#/components/responses/404'**'411':** Reference 'TS29571_CommonData.yaml#/components/responses/411'**'413':** Reference 'TS29571_CommonData.yaml#/components/responses/413'**'414':** Reference 'TS29571_CommonData.yaml#/components/responses/414'**'415':** Reference 'TS29571_CommonData.yaml#/components/responses/415'**'429':** Reference 'TS29571_CommonData.yaml#/components/responses/429'**'500':** Reference 'TS29571_CommonData.yaml#/components/responses/500'**'503':** Reference 'TS29571_CommonData.yaml#/components/responses/503'**default:** Reference 'TS29571_CommonData.yaml#/components/responses/default'**delete:****Parameters:**

- name: ueId

In: path**Required/Optional:** true**Schema:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

- name: usageMonId

In: path**Required/Optional:** true

Schema:**Type:** string**Responses:****'204'** Successful case. The resource has been successfully deleted.**'400'**: Reference 'TS29571_CommonData.yaml#/components/responses/400'**'401'**: Reference 'TS29571_CommonData.yaml#/components/responses/401'**'403'**: Reference 'TS29571_CommonData.yaml#/components/responses/403'**'404'**: Reference 'TS29571_CommonData.yaml#/components/responses/404'**'429'**: Reference 'TS29571_CommonData.yaml#/components/responses/429'**'500'**: Reference 'TS29571_CommonData.yaml#/components/responses/500'**'503'**: Reference 'TS29571_CommonData.yaml#/components/responses/503'**default**: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/sponsor-connectivity-data/{sponsorId}

Parameters:

- name: sponsorId

In: path**Required/Optional:** true**Schema:****Type:** string**get:****Responses:****'200'** Upon success, a response body containing Sponsor Connectivity Data shall be returned.**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/SponsorConnectivityData'**'204'** The resource was found but no Sponsor Connectivity Data is available.**'400'**: Reference 'TS29571_CommonData.yaml#/components/responses/400'**'401'**: Reference 'TS29571_CommonData.yaml#/components/responses/401'**'403'**: Reference 'TS29571_CommonData.yaml#/components/responses/403'**'404'**: Reference 'TS29571_CommonData.yaml#/components/responses/404'**'406'**: Reference 'TS29571_CommonData.yaml#/components/responses/406'**'429'**: Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/bdt-data

get:

Responses:

'200' Upon success, a response body containing the BDT data shall be returned.

Content:

Application/JSON:

Schema:

Type: array

items:

Reference: '#/components/schemas/BdtData'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/bdt-data/{bdtReferenceId}

Parameters:

- name: bdtReferenceId

In: path

Required/Optional: true

Schema:

Type: string

get:

Responses:

'200' Upon success, a response body containing the BDT data shall be returned.

Content:**Application/JSON:****Schema:****Reference:** '#/components/schemas/BdtData'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'**put:****Request Body:****Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/BdtData'**Responses:**

'201' Successful case. The resource has been successfully created.

Headers:**Location:****Description:** 'Contains the URI of the newly created resource'**Required/Optional:** true**Schema:****Type:** string

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'411': Reference 'TS29571_CommonData.yaml#/components/responses/411'

'413': Reference 'TS29571_CommonData.yaml#/components/responses/413'

'414': Reference 'TS29571_CommonData.yaml#/components/responses/414'

'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'
 '429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
 '500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
 '503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'
delete:
Responses:
 '204' Successful case. The resource has been successfully deleted.
 '400': Reference 'TS29571_CommonData.yaml#/components/responses/400'
 '401': Reference 'TS29571_CommonData.yaml#/components/responses/401'
 '403': Reference 'TS29571_CommonData.yaml#/components/responses/403'
 '404': Reference 'TS29571_CommonData.yaml#/components/responses/404'
 '429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
 '500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
 '503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/subs-to-notify

Method: Post

Request Body:

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/PolicyDataSubscription'

Responses:

'201' Upon success, a response body containing a representation of each Individual subscription resource shall be returned.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/PolicyDataSubscription'

Headers:

Location:

Description: 'Contains the URI of the newly created resource'

Required/Optional: true

Schema:**Type:** string**'400':** Reference 'TS29571_CommonData.yaml#/components/responses/400'**'401':** Reference 'TS29571_CommonData.yaml#/components/responses/401'**'403':** Reference 'TS29571_CommonData.yaml#/components/responses/403'**'404':** Reference 'TS29571_CommonData.yaml#/components/responses/404'**'411':** Reference 'TS29571_CommonData.yaml#/components/responses/411'**'413':** Reference 'TS29571_CommonData.yaml#/components/responses/413'**'415':** Reference 'TS29571_CommonData.yaml#/components/responses/415'**'429':** Reference 'TS29571_CommonData.yaml#/components/responses/429'**'500':** Reference 'TS29571_CommonData.yaml#/components/responses/500'**'503':** Reference 'TS29571_CommonData.yaml#/components/responses/503'**default:** Reference 'TS29571_CommonData.yaml#/components/responses/default'**Callbacks:****policyDataChangeNotification:****'{\$request.body#/notificationUri}':****Method:** Post**Request Body:****Required/Optional:** true**Content:****Application/JSON:****Schema:****Type:** array**items:****Reference:** '#/components/schemas/PolicyDataChangeNotification'**minItems:** 1**Responses:****'204'** No Content, Notification was successful**'400':** Reference 'TS29571_CommonData.yaml#/components/responses/400'**'401':** Reference 'TS29571_CommonData.yaml#/components/responses/401'**'403':** Reference 'TS29571_CommonData.yaml#/components/responses/403'**'404':** Reference 'TS29571_CommonData.yaml#/components/responses/404'**'411':** Reference 'TS29571_CommonData.yaml#/components/responses/411'**'413':** Reference 'TS29571_CommonData.yaml#/components/responses/413'

'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'
 '429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
 '500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
 '503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
 default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/subs-to-notify/{subsid}

Parameters:

- name: subsid

In: path

Required/Optional: true

Schema:

Type: string

put:

Request Body:

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/PolicyDataSubscription'

Responses:

'200' The individual subscription resource was updated successfully.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/PolicyDataSubscription'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'411': Reference 'TS29571_CommonData.yaml#/components/responses/411'

'413': Reference 'TS29571_CommonData.yaml#/components/responses/413'

'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'
delete:
Responses:
'204' Upon success, an empty response body shall be returned.
'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'
'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'
'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'
'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'
'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/ues/{ueId}/operator-specific-data

get:

Parameters:

- name: ueId

In: path

Description: UE Id

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

- name: fields

In: query

Description: attributes to be retrieved

Required/Optional: false

Schema:

Type: array

items:

Type: string

Responses:

'200' Expected response to a valid request

Content:

Application/JSON:**Schema:****Type:** object**additionalProperties:****Reference:** 'TS29505_Subscription_Data.yaml#/components/schemas/OperatorSpecificDataContainer'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'

'406': Reference 'TS29571_CommonData.yaml#/components/responses/406'

'414': Reference 'TS29571_CommonData.yaml#/components/responses/414'

'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'

'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'

'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'

default: Reference 'TS29571_CommonData.yaml#/components/responses/default'**patch:****Parameters:**

- name: ueId

In: path**Description:** UE Id**Required/Optional:** true**Schema:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/VarUeId'**Request Body:****Content:**

application/json-patch+json:

Schema:**Type:** array**items:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/PatchItem'**Required/Optional:** true**Responses:**

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'
'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'
'411': Reference 'TS29571_CommonData.yaml#/components/responses/411'
'413': Reference 'TS29571_CommonData.yaml#/components/responses/413'
'415': Reference 'TS29571_CommonData.yaml#/components/responses/415'
'429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
'500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
'503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

put:

Parameters:

- name: ueId

In: path

Description: UE Id

Required/Optional: true

Schema:

Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

Request Body:

Required/Optional: true

Content:

Application/JSON:

Schema:

Type: object

additionalProperties:

Reference: 'TS29505_Subscription_Data.yaml#/components/schemas/OperatorSpecificDataContainer'

Responses:

'200' OK

Content:

Application/JSON:

Schema:

Reference: 'TS29505_Subscription_Data.yaml#/components/schemas/OperatorSpecificDataContainer'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'

'401': Reference 'TS29571_CommonData.yaml#/components/responses/401'

'403': Reference 'TS29571_CommonData.yaml#/components/responses/403'

'404': Reference 'TS29571_CommonData.yaml#/components/responses/404'
 '411': Reference 'TS29571_CommonData.yaml#/components/responses/411'
 '413': Reference 'TS29571_CommonData.yaml#/components/responses/413'
 '415': Reference 'TS29571_CommonData.yaml#/components/responses/415'
 '429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
 '500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
 '503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

/policy-data/plmns/{plmnId}/ue-policy-set

Parameters:

- name: plmnId

In: path

Required/Optional: true

Schema:

Type: string

get:

Responses:

'200' Upon success, a response body containing UE policies shall be returned.

Content:

Application/JSON:

Schema:

Reference: '#/components/schemas/UePolicySet'

'400': Reference 'TS29571_CommonData.yaml#/components/responses/400'
 '401': Reference 'TS29571_CommonData.yaml#/components/responses/401'
 '403': Reference 'TS29571_CommonData.yaml#/components/responses/403'
 '404': Reference 'TS29571_CommonData.yaml#/components/responses/404'
 '406': Reference 'TS29571_CommonData.yaml#/components/responses/406'
 '412': Reference 'TS29571_CommonData.yaml#/components/responses/412'
 '429': Reference 'TS29571_CommonData.yaml#/components/responses/429'
 '500': Reference 'TS29571_CommonData.yaml#/components/responses/500'
 '503': Reference 'TS29571_CommonData.yaml#/components/responses/503'
default: Reference 'TS29571_CommonData.yaml#/components/responses/default'

components

schemas

AmPolicyData

Description: Contains the AM policy data for a given subscriber.

Type: object

Properties:

subscCats:

Type: array

Items:

Type: string

minItems: 1

UePolicySet

Description: Contains the UE policy data for a given subscriber.

Type: object

Properties:

subscCats:

Type: array

Items:

Type: string

minItems: 1

uePolicySections:

Type: object

additionalProperties:

Reference: '#/components/schemas/UePolicySection'

minProperties: 1

upsis:

Type: array

Items:

Type: string

minItems: 1

UePolicySetPatch

Description: Contains the UE policy set for a given subscriber.

Type: object

Properties:

uePolicySections:

Type: object

additionalProperties:

Reference: '#/components/schemas/UePolicySection'

minProperties: 1

upsis:

Type: array

Items:

Type: string

minItems: 1

UePolicySection

Description: Contains the UE policy section.

Type: object

Properties:

uePolicySectionInfo:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Bytes'

upsi:

Type: string

Required:

- uePolicySectionInfo

- upsi

SmPolicyData

Description: Contains the SM policy data for a given subscriber.

Type: object

Properties:

smPolicySnssaiData:

Type: object

additionalProperties:

Reference: '#/components/schemas/SmPolicySnssaiData'

minProperties: 1

umDataLimits:

Type: object

additionalProperties:

Reference: '#/components/schemas/UsageMonDataLimit'

minProperties: 1

umData:

Type: object

additionalProperties:

Reference: '#/components/schemas/UsageMonData'

minProperties: 1

Required:

- smPolicySnssaiData

SmPolicySnssaiData

Description: Contains the SM policy data for a given subscriber and S-NSSAI.

Type: object

Properties:

snssai:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Snssai'

smPolicyDnnData:

Type: object

additionalProperties:

Reference: '#/components/schemas/SmPolicyDnnData'

minProperties: 1

Required:

- snssai

SmPolicyDnnData

Description: Contains the SM policy data for a given DNN (and S-NSSAI).

Type: object

Properties:

dnn:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Dnn'

allowedServices:

Type: array

Items:

Type: string

minItems: 1

subscCats:

Type: array

Items:

Type: string

minItems: 1

gbrUl:

Reference: 'TS29571_CommonData.yaml#/components/schemas/BitRate'

gbrDl:

Reference: 'TS29571_CommonData.yaml#/components/schemas/BitRate'

adcSupport:

Type: boolean

subscSpendingLimits:

Type: boolean

ipv4Index:

Reference: '#/components/schemas/IpIndex'

ipv6Index:

Reference: '#/components/schemas/IpIndex'

offline:

Type: boolean

online:

Type: boolean

chfInfo:

Reference: 'TS29512_CommonData.yaml#/components/schemas/ChargingInformation'

refUmDataLimitIds:

Type: object

additionalProperties:

Reference: '#/components/schemas/LimitIdToMonitoringKey'

minProperties: 1

mppsPriority:

Type: boolean

imsSignallingPrio:

Type: boolean

mpsPriorityLevel:

Type: integer

Required:

- dnn

UsageMonDataLimit

Description: Contains usage monitoring control data for a subscriber.

Type: object

Properties:

limitId:

Type: string

scopes:

Type: object

additionalProperties:

Reference: '#/components/schemas/UsageMonDataScope'

minProperties: 1

umLevel:

Reference: '#/components/schemas/UsageMonLevel'

startDate:

Reference: 'TS29571_CommonData.yaml#/components/schemas/DateTime'

endDate:

Reference: 'TS29571_CommonData.yaml#/components/schemas/DateTime'

usageLimit:

Reference: 'TS29122_CommonData.yaml#/components/schemas/UsageThreshold'

resetPeriod:

Reference: 'TS29571_CommonData.yaml#/components/schemas/DateTime'

Required:

- limitId

UsageMonData

Description: Contains remain allowed usage data for a subscriber.

Type: object

Properties:

limitId:

Type: string

scopes:

Type: object

additionalProperties:

Reference: '#/components/schemas/UsageMonDataScope'

minProperties: 1

umLevel:

Reference: '#/components/schemas/UsageMonLevel'

allowedUsage:

Reference: 'TS29122_CommonData.yaml#/components/schemas/UsageThreshold'

resetTime:

Reference: '#/components/schemas/TimePeriod'

Required:

- limitId

LimitIdToMonitoringKey

Description: Contains the limit identifier and the corresponding monitoring key for a given S-NSSAI and DNN.

Type: object

Properties:

limitId:

Type: string

monkey:

Type: array

Items:

Type: string

minItems: 1

Required:

- limitId

UsageMonDataScope

Description: Contains a SNSSAI and DNN combinations to which the UsageMonData instance belongs to.

Type: object

Properties:

snssai:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Snssai'

dnn:

Type: array

Items:

Reference: 'TS29571_CommonData.yaml#/components/schemas/Dnn'

minItems: 1

Required:

- snssai

TimePeriod

Description: Contains the periodicity for the defined usage monitoring data limits.

Type: object

Properties:

period:

Reference: '#/components/schemas/Periodicity'

maxNumPeriod:

Reference: 'TS29571_CommonData.yaml#/components/schemas/UInteger'

Required:

- period

SponsorConnectivityData

Description: Contains the sponsored data connectivity related information for a sponsor identifier.

Type: object

Properties:

aspIds:

Type: array

Items:

Type: string

Required:

- aspIds

BdtData

Description: Contains the background data transfer data.

Type: object

Properties:

aspId:**Type:** string**transPolicy:****Reference:** 'TS29554_Npcf_BDTPolicyControl.yaml#/components/schemas/TransferPolicy'**bdtRefId:****Type:** string**nwAreaInfo:****Reference:** 'TS29554_Npcf_BDTPolicyControl.yaml#/components/schemas/NetworkAreaInfo'**Required:**

- aspIds
- transPolicy

PolicyDataSubscription

Description: Identifies a subscription to policy data change notification.**Type:** object**Properties:****notificationUri:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/Uri'**monitoredResourceUris:****Type:** array**Items:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/Uri'**supportedFeatures:****Reference:** 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'**Required:**

- notificationUri
- monitoredResourceUris

PolicyDataChangeNotification

Description: Contains changed policy data for which notification was requested.**Type:** object**Properties:****amPolicyData:****Reference:** '#/components/schemas/AmPolicyData'**uePolicySet:**

Reference: '#/components/schemas/UePolicySet'

smPolicyData:

Reference: '#/components/schemas/SmPolicyData'

usageMonData:

Reference: '#/components/schemas/UsageMonData'

SponsorConnectivityData:

Reference: '#/components/schemas/SponsorConnectivityData'

bdtData:

Reference: '#/components/schemas/BdtData'

IpIndex

Type: integer

UsageMonLevel

anyOf:

- type: string

Periodicity

anyOf:

- type: string

