



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'

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':
  Description: 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':
  Description: 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':
      Description: 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':
      Description: 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':
      Description: 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

get:

Parameters:

- Name: ueId
 - In: path
 - Required/Optional: true
 - Schema:
 - Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
- Name: snssai
 - 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':
    Description: 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':****Description:** 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':
  Description: Successful case. The usage monitoring data is returned.
  Content:
    Application/JSON:
      Schema:
        Reference: '#/components/schemas/UsageMonData'
'204':
  Description: 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':
  Description: 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':
Description: 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':  
  Description: Upon success, a response body containing Sponsor Connectivity Data shall be returned.  
  Content:  
    Application/JSON:  
      Schema:  
        Reference: '#/components/schemas/SponsorConnectivityData'  
'204':  
  Description: 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':
      Description: 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':
      Description: 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':
      Description: 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':
  Description: 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':****Description:** 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'
              Min Items: 1

  Responses:
    '204':
      Description: No Content, Notification was succesfull
    '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':
Description: 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':
Description: 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':

Description: 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':
      Description: 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':
  Description: 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
mpsPriority:
  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
        enum:
          - SESSION_LEVEL
          - SERVICE_LEVEL
      - type: string
  Periodicity:
    anyOf:
      - type: string
        enum:
          - YEARLY
          - MONTHLY
          - WEEKLY
          - DAILY
          - HOURLY
      - type: string

```

External Docs

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/'