



# Subscription Data

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## OpenAPI

OpenAPI Version: 3.0.0

## Info

**Version:** '-'

**Title:** 'Unified Data Repository Service API file for subscription data'

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

## Paths

### **/subscription-data/{ueId}/authentication-data/authentication-subscription**

**get:**

**Summary:** Retrieves the authentication subscription data of a UE

**Operation ID:** QueryAuthSubsData

**Tags:**

- Authentication Data (Document)

**Parameters:**

- **Name:** ueId

**In:** path

**Description:** UE id

**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'  
- **Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:**

**'200':**  
**Description:** Expected response to a valid request  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/AuthenticationSubscription'  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**patch:**

**Summary:** modify the authentication subscription data of a UE  
**Operation ID:** ModifyAuthentication

**Tags:**

- Authentication Data (Document)

**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:**

**'204':**  
**Description:** Expected response to a valid request  
**'403':**  
**Description:** modification is rejected  
**Content:**  
**application/problem+json:**

**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/authentication-data/authentication-status

**put:**  
**Summary:** To store the Authentication Status data of a UE  
**Operation ID:** CreateAuthenticationStatus

**Tags:**  
- Authentication Status (Document)

**Parameters:**  
- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

**Request Body:**  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** 'TS29503\_Nudm\_UEAU.yaml#/components/schemas/AuthEvent'

**Responses:**  
**'204':**  
**Description:** Upon success, an empty response body shall be returned  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**get:**  
**Summary:** Retrieves the Authentication Status of a UE  
**Operation ID:** QueryAuthenticationStatus

**Tags:**  
- AuthEvent (Document)

**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
    - Min Items:** 1
    - Style:** form
    - Explode:** false
  - **Name:** supportedFeatures
    - Description:** Supported Features
    - In:** query
    - Schema:**
      - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:**

'200':

- Description:** Expected response to a valid request
- Content:**
  - Application/JSON:**
    - Schema:**
      - Reference:** 'TS29503\_Nudm\_UEAU.yaml#/components/schemas/AuthEvent'

**Default:**

- Description:** Unexpected error
- Content:**
  - application/problem+json:**
    - Schema:**
      - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/ue-update-confirmation-data/sor-data

### put:

**Summary:** To store the SoR acknowledgement information of a UE  
**Operation ID:** CreateAuthenticationSoR

### Tags:

- Authentication SoR (Document)

### Parameters:

- **Name:** ueId
  - In:** path
  - Description:** UE id
  - Required/Optional:** true
  - Schema:**
    - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** supported-features

**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Request Body:**  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/SorData'

**Responses:**  
**'204':**  
**Description:** Expected response to a valid request  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**get:**  
**Summary:** Retrieves the SoR acknowledgement information of a UE  
**Operation ID:** QueryAuthSoR

**Tags:**  
- Authentication SoR (Document)

**Parameters:**  
- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'  
- **Name:** supportedFeatures  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:**  
**'200':**  
**Description:** Expected response to a valid request  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/SorData'

**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/{servingPlmnId}/provisioned-data

### get:

**Summary:** Retrieve multiple provisioned data sets of a UE

**Operation ID:** QueryProvisionedData

### Tags:

- Provisioned Data (Document)

### Parameters:

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarPlmnId'
- **Name:** dataset-names  
**In:** query  
**Description:** List of dataset names  
**Schema:**  
**Reference:** '#/components/schemas/DatasetNames'

### Responses:

'200':

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/ProvisionedDataSets'

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/{servingPlmnId}/provisioned-data/am-data

### get:

**Summary:** Retrieves the access and mobility subscription data of a UE

**Operation ID:** QueryAmData

### Tags:

- Access And Mobility Subscription Data (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**
  - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**
  - Reference:** '#/components/schemas/VarPlmnId'
- **Name:** fields  
**In:** query  
**Description:** attributes to be retrieved  
**Required/Optional:** false  
**Schema:**
  - Type:** array
  - Items:**
    - Type:** string
  - Min Items:** 1
  - Style:** form
  - Explode:** false
- **Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**
  - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'
- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**
  - Type:** string
- **Name:** If-Modified-Since  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.3  
**Schema:**
  - Type:** string

**Responses:**

- '200':
  - Description:** Expected response to a valid request
  - Content:**
    - Application/JSON:**
      - Schema:**
        - Reference:** '#/components/schemas/AccessAndMobilitySubscriptionData'
  - Headers:**
    - Cache-Control:**
      - Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2

**Schema:**  
**Type:** string

**ETag:**  
**Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3

**Schema:**  
**Type:** string

**Last-Modified:**  
**Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2

**Schema:**  
**Type:** string

**Default:**  
**Description:** Unexpected error

**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/{servingPlmnId}/provisioned-data/smf-selection-subscript

**get:**  
**Summary:** Retrieves the SMF selection subscription data of a UE  
**Operation ID:** QuerySmfSelectData

**Tags:**  
 - SMF Selection Subscription Data (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarPlmnId'
- **Name:** fields  
**In:** query  
**Description:** attributes to be retrieved  
**Required/Optional:** false  
**Schema:**  
**Type:** array  
**Items:**  
**Type:** string  
**Min Items:** 1  
**Style:** form



**Explode:** false

- **Name:** supported-features
  - In:** query
  - Description:** Supported Features
  - Schema:**
    - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'
- **Name:** If-None-Match
  - In:** header
  - Description:** Validator for conditional requests, as described in RFC 7232, 3.2
  - Schema:**
    - Type:** string
- **Name:** If-Modified-Since
  - In:** header
  - Description:** Validator for conditional requests, as described in RFC 7232, 3.3
  - Schema:**
    - Type:** string

**Responses:****'200':****Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/SmfSelectionSubscriptionData'**Headers:****Cache-Control:****Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2**Schema:****Type:** string**ETag:****Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3**Schema:****Type:** string**Last-Modified:****Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2**Schema:****Type:** string**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueld}/{servingPlmnld}/provisioned-data/sm-data

**get:****Summary:** Retrieves the Session Management subscription data of a UE

**Operation ID:** QuerySmData

**Tags:**

- Session Management Subscription Data

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarPlmnId'
- **Name:** single-nssai  
**In:** query  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/VarSnssai'  
**Description:** single NSSAI  
**Required/Optional:** false
- **Name:** dnn  
**In:** query  
**Description:** DNN  
**Required/Optional:** false  
**Schema:**  
**Reference:** '#/components/schemas/Dnn'
- **Name:** fields  
**In:** query  
**Description:** attributes to be retrieved  
**Required/Optional:** false  
**Schema:**  
**Type:** array  
**Items:**  
**Type:** string  
**Min Items:** 1  
**Style:** form  
**Explode:** false
- **Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'
- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**

```

    Type: string
  - Name: If-Modified-Since
    In: header
    Description: Validator for conditional requests, as described in RFC 7232, 3.3
    Schema:
      Type: string

Responses:
'200':
  Description: Expected response to a valid request
  Content:
    Application/JSON:
      Schema:
        Type: array
        Items:
          Reference: '#/components/schemas/SessionManagementSubscriptionData'
          Min Items: 1
      Headers:
        Cache-Control:
          Description: Cache-Control containing max-age, as described in RFC 7234, 5.2
          Schema:
            Type: string
        ETag:
          Description: Entity Tag, containing a strong validator, as described in RFC
7232, 2.3
          Schema:
            Type: string
        Last-Modified:
          Description: Timestamp for last modification of the resource, as described
in RFC 7232, 2.2
          Schema:
            Type: string
      Default:
        Description: Unexpected error
        Content:
          application/problem+json:
            Schema:
              Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

```

## /subscription-data/{ueId}/context-data/amf-3gpp-access

```

get:
  Summary: Retrieves the AMF context data of a UE using 3gpp access
  Operation ID: QueryAmfContext3gpp

Tags:
  - AMF 3GPP Access Registration (Document)

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
      Min Items: 1
      Style: form
      Explode: false
  - Name: supported-features
    In: query
    Description: Supported Features
    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'

Responses:
  '200':
    Description: Expected response to a valid request
    Content:
      Application/JSON:
        Schema:
          Reference: '#/components/schemas/Amf3GppAccessRegistration'
    Default:
      Description: Unexpected error
      Content:
        application/problem+json:
          Schema:
            Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

put:
  Summary: To store the AMF context data of a UE using 3gpp access in the UDR
  Operation ID: CreateAmfContext3gpp

Tags:
  - AMF 3GPP Access Registration (Document)

Parameters:
  - Name: ueId
    In: path
    Description: UE id
    Required/Optional: true
    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'

Request Body:
  Content:
    Application/JSON:

```

**Schema:****Reference:** '#/components/schemas/Amf3GppAccessRegistration'**Responses:****'204':****Description:** Upon success, an empty response body shall be returned**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'**patch:****Summary:** To modify the AMF context data of a UE using 3gpp access in the UDR**Operation ID:** AmfContext3gpp**Tags:**

- AMF 3GPP Access Registration (Document)

**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:****'204':****Description:** Expected response to a valid request**'403':****Description:** modification is rejected**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/context-data/amf-non-3gpp-access

### get:

**Summary:** Retrieves the AMF context data of a UE using non-3gpp access

**Operation ID:** QueryAmfContextNon3gpp

### Tags:

- AMF Non-3GPP Access Registration (Document)

### 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

**Min Items:** 1

**Style:** form

**Explode:** false

- **Name:** supported-features

**In:** query

**Description:** Supported Features

#### Schema:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

### Responses:

'200':

**Description:** Expected response to a valid request

#### Content:

**Application/JSON:**

#### Schema:

**Reference:** '#/components/schemas/AmfNon3GppAccessRegistration'

#### Default:

**Description:** Unexpected error

#### Content:

**application/problem+json:**

#### Schema:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

### put:

**Summary:** To store the AMF context data of a UE using non-3gpp access in the UDR

**Operation ID:** CreateAmfContextNon3gpp

### Tags:

- AMF Non-3GPP Access Registration (Document)

**Parameters:**

- **Name:** ueId
- In:** path
- Description:** UE id
- Required/Optional:** true
- Schema:**
  - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

**Request Body:**

- Content:**
  - Application/JSON:**
    - Schema:**
      - Reference:** '#/components/schemas/AmfNon3GppAccessRegistration'

**Responses:**

- '204':
  - Description:** Upon success, an empty response body shall be returned
  - Default:**
    - Description:** Unexpected error
    - Content:**
      - application/problem+json:**
        - Schema:**
          - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**patch:**

- Summary:** To modify the AMF context data of a UE using non 3gpp access in the UDR
- Operation ID:** AmfContextNon3gpp

**Tags:**

- AMF Non-3GPP Access Registration (Document)

**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:**

- '204':
  - Description:** Expected response to a valid request
- '403':
  - Description:** modification is rejected
  - Content:**
    - application/problem+json:**

```

    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'
  Default:
    Description: Unexpected error
    Content:
      application/problem+json:
        Schema:
          Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

```

## /subscription-data/{ueId}/context-data/smf-registrations

```

get:
  Summary: Retrieves the SMF registration list of a UE
  Operation ID: QuerySmfRegList

  Tags:
    - SMF Registrations (Collection)

  Parameters:
    - Name: ueId
      In: path
      Description: UE id
      Required/Optional: true
      Schema:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
    - Name: supported-features
      In: query
      Description: Supported Features
      Schema:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'

  Responses:
    '200':
      Description: Expected response to a valid request
      Content:
        Application/JSON:
          Schema:
            Reference: '#/components/schemas/SmfRegList'
      Default:
        Description: Unexpected error
        Content:
          application/problem+json:
            Schema:
              Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

```

## /subscription-data/{ueId}/context-data/smf-registrations/{pduSessionId}

```

get:
  Summary: Retrieves the individual SMF registration of a UE

```



**Operation ID:** QuerySmfRegistration

**Tags:**

- SMF Registration (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** pduSessionId  
**In:** path  
**Description:** PDU session id  
**Required/Optional:** true  
**Schema:**  
**Type:** string
- **Name:** fields  
**In:** query  
**Description:** attributes to be retrieved  
**Required/Optional:** false  
**Schema:**  
**Type:** array  
**Items:**  
**Type:** string  
**Min Items:** 1  
**Style:** form  
**Explode:** false
- **Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:**

'200':

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/SmfRegistration'

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**put:**

**Summary:** To create an individual SMF context data of a UE in the UDR

**Operation ID:** CreateSmfContextNon3gpp

**Tags:**

- SMF Registration (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** pduSessionId  
**In:** path  
**Description:** PDU session id  
**Required/Optional:** true  
**Schema:**  
**Type:** integer

**Request Body:**

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

**Responses:**

'201':

**Description:** Upon success, a response body containing a representation of the created Individual SmfRegistration resource shall be returned

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**Headers:**

**Location:**

**description:** 'Contains the URI of the newly created resource, according to the structure:  
{apiRoot}/nsmf-pdusession/v1/smf-contexts/{smContextRef}/subscription-data/{ueId}/context-data/smf-registrations/{pduSessionId}'

**Required/Optional:** true

**Schema:**

**Type:** string

**delete:**

**Summary:** To remove an individual SMF context data of a UE the UDR

**Operation ID:** DeleteSmfContext

**Tags:**

- SMF Registration (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true

**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

- **Name:** pduSessionId
- In:** path
- Description:** PDU session id
- Required/Optional:** true
- Schema:**
  - Type:** string

**Responses:****'204':****Description:** Upon success, an empty response body shall be returned.**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/operator-specific-data

**get:****Summary:** Retrieves the operator specific data of a UE**Operation ID:** QueryOperSpecData**Tags:**

- Operator-Specific Data Container (Document)

**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
    - Min Items:** 1
  - Style:** form
  - Explode:** false
- **Name:** supported-features
- In:** query
- Description:** Supported Features
- Schema:**
  - Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**  
**Type:** string
- **Name:** If-Modified-Since  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.3  
**Schema:**  
**Type:** string

**Responses:****'200':****Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/OperatorSpecificDataContainer'**Headers:****Cache-Control:****Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2**Schema:****Type:** string**ETag:****Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3**Schema:****Type:** string**Last-Modified:****Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2**Schema:****Type:** string**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'**patch:****Summary:** To modify operator specific data of a UE**Operation ID:** AmfContext3gpp**Tags:**

- Operator-Specific Data Container (Document)

**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:**

**'204':**

**Description:** Expected response to a valid request

**'403':**

**Description:** modification is rejected

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/context-data/smsf-3gpp-access

**put:**

**Summary:** Create the SMSF context data of a UE via 3GPP access

**Operation ID:** CreateSmsfContext3gpp

**Tags:**

- SMSF 3GPP Registration (Document)

**Parameters:**

- **Name:** ueId
- In:** path
- Description:** UE id
- Required/Optional:** true
- Schema:**
- Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

**Request Body:**

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/SmsfRegistration'

**Responses:**

**'204':**

**Description:** Upon success, an empty response body shall be returned

**Default:**  
**Description:** Unexpected error  
**Content:**  
 application/problem+json:  
 Schema:  
 Reference: 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**delete:**  
**Summary:** To remove the SMSF context data of a UE via 3GPP access  
**Operation ID:** DeleteSmsfContext3gpp

**Tags:**  
 - SMSF 3GPP Registration (Document)

**Parameters:**  
 - **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
 Reference: 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

**Responses:**  
 '204':  
**Description:** Upon success, an empty response body shall be returned  
**Default:**  
**Description:** Unexpected error  
**Content:**  
 application/problem+json:  
 Schema:  
 Reference: 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**get:**  
**Summary:** Retrieves the SMSF context data of a UE using 3gpp access  
**Operation ID:** QuerySmsfContext3gpp

**Tags:**  
 - SMSF 3GPP Registration (Document)

**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  
**Min Items:** 1

**Style:** form  
**Explode:** false  
**Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:****'200':****Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/SmsfRegistration'**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/context-data/smsf-non-3gpp-access

**put:****Summary:** Create the SMSF context data of a UE via non-3GPP access**Operation ID:** CreateSmsfContextNon3gpp**Tags:**

- SMSF Non-3GPP Registration (Document)

**Parameters:**- **Name:** ueId**In:** path**Description:** UE id**Required/Optional:** true**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'**Request Body:****Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/SmsfRegistration'**Responses:****'204':****Description:** Upon success, an empty response body shall be returned**Default:****Description:** Unexpected error**Content:****application/problem+json:**

**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**delete:**  
**Summary:** To remove the SMSF context data of a UE via non-3GPP access  
**Operation ID:** DeleteSmsfContextNon3gpp

**Tags:**  
- SMSF Non-3GPP Registration (Document)

**Parameters:**  
- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

**Responses:**  
**'204':**  
**Description:** Upon success, an empty response body shall be returned  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**get:**  
**Summary:** Retrieves the SMSF context data of a UE using non-3gpp access  
**Operation ID:** QuerySmsfContextNon3gpp

**Tags:**  
- SMSF Non-3GPP Registration (Document)

**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  
**Min Items:** 1  
**Style:** form  
**Explode:** false

- **Name:** supported-features  
**In:** query



**Description:** Supported Features

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:**

'200':

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/SmsfRegistration'

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/{servingPlmnId}/provisioned-data/sms-mng-data

**get:**

**Summary:** Retrieves the SMS management subscription data of a UE

**Operation ID:** QuerySmsMngData

**Tags:**

- SMS Management Subscription Data (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarPlmnId'
- **Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'
- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**  
**Type:** string
- **Name:** If-Modified-Since

**In:** header

**Description:** Validator for conditional requests, as described in RFC 7232, 3.3

**Schema:**

**Type:** string

**Responses:**

**'200':**

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/SmsManagementSubscriptionData'

**Headers:**

**Cache-Control:**

**Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2

**Schema:**

**Type:** string

**ETag:**

**Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3

**Schema:**

**Type:** string

**Last-Modified:**

**Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2

**Schema:**

**Type:** string

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/{servingPlmnId}/provisioned-data/sms-data

**get:**

**Summary:** Retrieves the SMS subscription data of a UE

**Operation ID:** QuerySmsData

**Tags:**

- SMS Subscription Data (Document)

**Parameters:**

- **Name:** ueId

**In:** path

**Description:** UE id

**Required/Optional:** true

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarPlmnId'
- **Name:** supported-features  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'
- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**  
**Type:** string
- **Name:** If-Modified-Since  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.3  
**Schema:**  
**Type:** string

**Responses:****'200':****Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/SmsSubscriptionData'**Headers:****Cache-Control:****Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2**Schema:****Type:** string**ETag:****Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3**Schema:****Type:** string**Last-Modified:****Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2**Schema:****Type:** string**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/pp-data

### get:

**Summary:** Read the profile of a given UE

**Operation ID:** GetppData

### Tags:

- Parameter Provision (Document)

### Parameters:

- **Name:** ueId

**In:** path

**Description:** pp data for a UE

**Required/Optional:** true

#### Schema:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

- **Name:** supported-features

**In:** query

**Description:** Supported Features

#### Schema:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

- **Name:** If-None-Match

**In:** header

**Description:** Validator for conditional requests, as described in RFC 7232, 3.2

#### Schema:

**Type:** string

- **Name:** If-Modified-Since

**In:** header

**Description:** Validator for conditional requests, as described in RFC 7232, 3.3

#### Schema:

**Type:** string

### Responses:

'200':

**Description:** Expected response to a valid request

#### Content:

**Application/JSON:**

#### Schema:

**Reference:** '#/components/schemas/PpData'

#### Headers:

##### Cache-Control:

**Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2

#### Schema:

**Type:** string

##### ETag:

**Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3

#### Schema:

**Type:** string

##### Last-Modified:

**Description:** Timestamp for last modification of the resource, as described

in RFC 7232, 2.2

```
    Schema:
      Type: string
  '403':
    Description: Forbidden
    Content:
      application/problem+json:
        Schema:
          Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'
    Default:
      Description: Unexpected error
      Content:
        application/problem+json:
          Schema:
            Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'
```

**patch:**

**Summary:** modify the provisioned parameter data

**Operation ID:** ModifyPpData

**Tags:**

- ProvisionedParameterData (Document)

**Parameters:**

- **Name:** ueId
- In:** path
- Description:** pp data for a UE
- 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:**

'204':

**Description:** Expected response to a valid request

'403':

**Description:** modification is rejected

**Content:**

application/problem+json:

**Schema:**

- Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**Default:**

**Description:** Unexpected error

**Content:**

application/problem+json:

**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/context-data/ee-subscriptions

**get:****Summary:** Retrieves the ee subscriptions of a UE**Operation ID:** Queryeesubscriptions**Tags:**

- Event Exposure Subscriptions (Collection)

**Parameters:**

- **Name:** ueId

**In:** path**Description:** UE id**Required/Optional:** true**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

- **Name:** supported-features

**In:** query**Description:** Supported Features**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'**Responses:****'200':****Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Type:** array**Items:****Reference:** '#/components/schemas/EeSubscription'**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'**Method:** Post**Summary:** Create individual EE subscription**Operation ID:** CreateEeSubscriptions**Tags:**

- Event Exposure Subscriptions (Collection)

**Parameters:**

- **Name:** ueId

**In:** path**Description:** UE ID

```

    Required/Optional: true
    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
  Request Body:
    Content:
      Application/JSON:
        Schema:
          Reference: '#/components/schemas/EeSubscription'
        Required/Optional: true

  Responses:
    '201':
      Description: Expected response to a valid request
      Content:
        Application/JSON:
          Schema:
            Reference: '#/components/schemas/EeSubscription'
      Headers:
        Location:
          description: 'Contains the URI of the newly created resource,
according to the structure:
{apiRoot}/subscription-data/{ueId}/context-data/ee-subscriptions/{subsId}'
          Required/Optional: true
          Schema:
            Type: string
      Default:
        Description: Unexpected error
        Content:
          application/problem+json:
            Schema:
              Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

```

## /subscription-data/{ueId}/context-data/ee-subscriptions/{subsId}

```

put:
  Summary: Stores an individual ee subscriptions of a UE
  Operation ID: UpdateEesubscriptions

  Tags:
    - Event Exposure Subscription (Document)

  Parameters:
    - Name: ueId
      In: path
      Required/Optional: true
      Schema:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
    - Name: subsId
      In: path
      Required/Optional: true
      Schema:

```

**Type:** string

**Request Body:**

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/EeSubscription'

**Responses:**

**'204':**

**Description:** Upon success, an empty response body shall be returned

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**delete:**

**Summary:** Deletes a eeSubscription

**Operation ID:** RemoveeeSubscriptions

**Tags:**

- Event Exposure Subscription (Document)

**Parameters:**

- **Name:** ueId
- In:** path
- Required/Optional:** true
- Schema:**
- Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** subsId
- In:** path
- Required/Optional:** true
- Description:** Unique ID of the subscription to remove
- Schema:**
- Type:** string

**Responses:**

**'204':**

**Description:** Expected response to a successful subscription removal

## /subscription-data/{ueId}/context-data/ee-subscriptions/{subsId}/amf-subscriptions

**put:**

**Summary:** Create AmfSubscriptions for an individual ee subscriptions of a UE

**Operation ID:** Create AMF Subscriptions

**Tags:**

- AMF Subscription Info (Document)

**Parameters:**

- **Name:** ueId
- In:** path



**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'  
**- Name:** subsId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Type:** string

**Request Body:**  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Type:** array  
**Items:**  
**Reference:** '#/components/schemas/AmfSubscriptionInfo'  
**Min Items:** 1  
**Required/Optional:** true

**Responses:**  
**'204':**  
**Description:** Upon success, an empty response body shall be returned  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**delete:**  
**Summary:** Deletes AMF Subscription Info for an eeSubscription  
**Operation ID:** RemoveAmfSubscriptionsInfo

**Tags:**  
**- Event AMF Subscription Info (Document)**

**Parameters:**  
**- Name:** ueId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'  
**- Name:** subsId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Type:** string

**Responses:**  
**'204':**  
**Description:** Expected response to a successful subscription removal

**patch:**  
**Summary:** modify the AMF Subscription Info  
**Operation ID:** ModifyAmfSubscriptionInfo

**Tags:**

- AmfSubscriptionInfo (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** subsId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Type:** string

**Request Body:**

- Content:**  
**application/json-patch+json:**  
**Schema:**  
**Type:** array  
**Items:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/PatchItem'
- Required/Optional:** true

**Responses:**

- '204':  
**Description:** Expected response to a valid request
- '403':  
**Description:** modification is rejected  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'
- Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**get:**

- Summary:** Retrieve AMF subscription Info
- Operation ID:** GetAmfSubscriptionInfo

**Tags:**

- Query AMF Subscription Info (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** subsId  
**In:** path

```

    Required/Optional: true
    Schema:
      Type: string

Responses:
  '200':
    Description: OK
    Content:
      Application/JSON:
        Schema:
          Type: array
          Items:
            Reference: '#/components/schemas/AmfSubscriptionInfo'
            Min Items: 1
    Default:
      Description: Unexpected error
      Content:
        application/problem+json:
          Schema:
            Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

```

## /subscription-data/group-data/{ueGroupId}/ee-subscriptions

```

get:
  Summary: Retrieves the ee subscriptions of a group of UEs or any UE
  Operation ID: QueryEeGroupSubscriptions

  Tags:
    - Event Exposure Group Subscriptions (Collection)

  Parameters:
    - Name: ueGroupId
      In: path
      Description: Group of UEs or any UE
      Required/Optional: true
      Schema:
        Reference: '#/components/schemas/VarUeGroupId'
    - Name: supported-features
      In: query
      Description: Supported Features
      Schema:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'

  Responses:
    '200':
      Description: Expected response to a valid request
      Content:
        Application/JSON:
          Schema:
            Type: array
            Items:

```

**Reference:** '#/components/schemas/EeSubscription'

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

**Method:** Post

**Summary:** Create individual EE subscription for a group of UEs or any UE

**Operation ID:** CreateEeGroupSubscriptions

**Tags:**

- Event Exposure Group Subscriptions (Collection)

**Parameters:**

- **Name:** ueGroupId
- In:** path
- Description:** Group of UEs or any UE
- Required/Optional:** true
- Schema:**
- Reference:** '#/components/schemas/VarUeGroupId'

**Request Body:**

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/EeSubscription'

**Required/Optional:** true

**Responses:**

**'201':**

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** '#/components/schemas/EeSubscription'

**Headers:**

**Location:**

**description:** 'Contains the URI of the newly created resource, according to the structure:  
{apiRoot}/nudr-dr/v1/subscription-data/group-data/{ueGroupId}/ee-subscriptions '

**Required/Optional:** true

**Schema:**

**Type:** string

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/group-data/{ueGroupId}/ee-subscriptions/{subsId}

### put:

**Summary:** Stores an individual ee subscription of a group of UEs or any UE

**Operation ID:** UpdateEeGroupSubscriptions

### Tags:

- Event Exposure Subscription (Document)

### Parameters:

- **Name:** ueGroupId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarUeGroupId'
- **Name:** subsId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Type:** string

### Request Body:

#### Content:

**Application/JSON:**

#### Schema:

**Reference:** '#/components/schemas/EeSubscription'

### Responses:

'204':

**Description:** Upon success, an empty response body shall be returned

**Default:**

**Description:** Unexpected error

**Content:**

**application/problem+json:**

#### Schema:

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

### delete:

**Summary:** Deletes a eeSubscription for a group of UEs or any UE

**Operation ID:** RemoveEeGroupSubscriptions

### Tags:

- Event Exposure Subscription (Document)

### Parameters:

- **Name:** ueGroupId  
**In:** path  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarUeGroupId'
- **Name:** subsId  
**In:** path  
**Required/Optional:** true  
**Description:** Unique ID of the subscription to remove

**Schema:****Type:** string**Responses:****'204':****Description:** Expected response to a successful subscription removal

## /subscription-data/{ueId}/ee-profile-data

**get:****Summary:** Retrieves the ee profile data of a UE**Operation ID:** QueryEEData**Tags:**

- Event Exposure Data (Document)

**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**Style:** form**Explode:** false

- **Name:** supportedFeatures

**In:** query**Description:** Supported Features**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'**Responses:****'200':****Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Reference:** '#/components/schemas/EeProfileData'**Default:****Description:** Unexpected error**Content:****application/problem+json:**

**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueId}/context-data/sdm-subscriptions

**get:****Summary:** Retrieves the sdm subscriptions of a UE**Operation ID:** Querysdmsubscriptions**Tags:**

- SDM Subscriptions (Collection)

**Parameters:**- **Name:** ueId**In:** path**Description:** UE id**Required/Optional:** true**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'- **Name:** supported-features**In:** query**Description:** Supported Features**Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'**Responses:**

'200':

**Description:** Expected response to a valid request**Content:****Application/JSON:****Schema:****Type:** array**Items:****Reference:** '#/components/schemas/SdmSubscription'**Default:****Description:** Unexpected error**Content:****application/problem+json:****Schema:****Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'**Method:** Post**Summary:** Create individual sdm subscription**Operation ID:** CreateSdmSubscriptions**Tags:**

- SDM Subscriptions (Collection)

**Parameters:**- **Name:** ueId**In:** path**Description:** UE ID

**/subscription-data/{ueId}/context-data/sdm-subscriptions/{subsId}**

```

    Required/Optional: true
    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
  Request Body:
    Content:
      Application/JSON:
        Schema:
          Reference: '#/components/schemas/SdmSubscription'
        Required/Optional: true

  Responses:
    '201':
      Description: Expected response to a valid request
      Content:
        Application/JSON:
          Schema:
            Reference: '#/components/schemas/SdmSubscription'
      Headers:
        Location:
          description: 'Contains the URI of the newly created resource,
according to the structure:
{apiRoot}/subscription-data/{ueId}/context-data/sdm-subscriptions/{subsId}'
          Required/Optional: true
          Schema:
            Type: string
      Default:
        Description: Unexpected error
        Content:
          application/problem+json:
            Schema:
              Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'

```

## **/subscription-data/{ueId}/context-data/sdm-subscriptions/{subsId}**

```

put:
  Summary: Stores an individual sdm subscriptions of a UE
  Operation ID: Updatesdmsubscriptions

  Tags:
    - SDM Subscription (Document)

  Parameters:
    - Name: ueId
      In: path
      Required/Optional: true
      Schema:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
    - Name: subsId
      In: path
      Required/Optional: true
      Schema:

```



```
    Type: string
Request Body:
  Content:
    Application/JSON:
      Schema:
        Reference: '#/components/schemas/SdmSubscription'

Responses:
  '204':
    Description: Upon success, an empty response body shall be returned
  Default:
    Description: Unexpected error
    Content:
      application/problem+json:
        Schema:
          Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'
delete:
  Summary: Deletes a sdmsubscriptions
  Operation ID: RemovesdmSubscriptions

Tags:
  - SDM Subscription (Document)

Parameters:
  - Name: ueId
    In: path
    Required/Optional: true
    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
  - Name: subsId
    In: path
    Required/Optional: true
    Description: Unique ID of the subscription to remove
    Schema:
      Type: string

Responses:
  '204':
    Description: Expected response to a successful subscription removal
```

## /subscription-data/shared-data

```
get:
  Summary: retrieve shared data
  Operation ID: GetSharedData

Tags:
  - Retrieval of shared data

Parameters:
  - Name: shared-data-ids
    In: query
```

**Description:** List of shared data ids  
**Required/Optional:** true  
**Style:** form  
**Explode:** false  
**Schema:**  
**Reference:** 'TS29503\_Nudm\_SDM.yaml#/components/schemas/SharedDataIds'

- **Name:** supportedFeatures  
**In:** query  
**Description:** Supported Features  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/SupportedFeatures'

**Responses:**

'200':  
**Description:** Expected response to a valid request  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Type:** array  
**Items:**  
**Reference:** 'TS29503\_Nudm\_SDM.yaml#/components/schemas/SharedData'  
**Min Items:** 1

'400':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/400'

'404':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/404'

'500':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/500'

'503':  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/503'

**Default:**  
**Description:** Unexpected error

## /subscription-data/subs-to-notify

**Method:** Post  
**Summary:** Subscription data subscriptions  
**Operation ID:** SubscriptionDataSubscriptions

**Tags:**  
- Subs To Notify (Collection)

**Request Body:**  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/SubscriptionDataSubscriptions'  
**Required/Optional:** true

**Responses:**

'201':  
**Description:** Expected response to a valid request

```

Content:
  Application/JSON:
    Schema:
      Reference: '#/components/schemas/SubscriptionDataSubscriptions'
Headers:
  Location:
    description: 'Contains the URI of the newly created resource,
according to the structure: {apiRoot}/subscription-data/subs-to-notify/{subsid}'
    Required/Optional: true
    Schema:
      Type: string
Default:
  Description: Unexpected error
Content:
  application/problem+json:
    Schema:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/ProblemDetails'
Callbacks:
  onDataChange:
    '{request.body#/callbackReference}':
      Method: Post
      Request Body:
        Required/Optional: true
        Content:
          Application/JSON:
            Schema:
              Reference: '#/components/schemas/DataChangeNotify'

Responses:
  '204':
    Description: Expected response to a valid request

```

## /subscription-data/subs-to-notify/{subsid}

```

delete:
  Summary: Deletes a subscriptionDataSubscriptions
  Operation ID: RemovesubscriptionDataSubscriptions

Tags:
  - Subs To Notify (Document)

Parameters:
  - Name: subsid
    In: path
    Required/Optional: true
    Description: Unique ID of the subscription to remove
    Schema:
      Type: string

Responses:

```

'204':

**Description:** Expected response to a successful subscription removal

## /subscription-data/{ueId}/{servingPlmnId}/provisioned-data/trace-data

**get:**

**Summary:** Retrieves the trace configuration data of a UE

**Operation ID:** QueryTraceData

**Tags:**

- Trace Data (Document)

**Parameters:**

- **Name:** ueId  
**In:** path  
**Description:** UE id  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** servingPlmnId  
**In:** path  
**Description:** PLMN ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** '#/components/schemas/VarPlmnId'
- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**  
**Type:** string
- **Name:** If-Modified-Since  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.3  
**Schema:**  
**Type:** string

**Responses:**

'200':

**Description:** Expected response to a valid request

**Content:**

**Application/JSON:**

**Schema:**

**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/TraceData'

**Headers:**

**Cache-Control:**

**Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2

**Schema:**

**Type:** string

**ETag:**

**Description:** Entity Tag, containing a strong validator, as described in RFC

7232, 2.3

**Schema:**  
**Type:** string  
**Last-Modified:**  
**Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2  
**Schema:**  
**Type:** string  
**Default:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/responses/default'

## /subscription-data/{ueid}/identity-data

### get:

**Summary:** Retrieve identity data by SUPI or GPSI  
**Operation ID:** GetIdentityData

### Tags:

- Query Identity Data by SUPI or GPSI (Document)

### Parameters:

- **Name:** ueId  
**In:** path  
**Description:** UE ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'
- **Name:** If-None-Match  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.2  
**Schema:**  
**Type:** string
- **Name:** If-Modified-Since  
**In:** header  
**Description:** Validator for conditional requests, as described in RFC 7232, 3.3  
**Schema:**  
**Type:** string

### Responses:

'200':  
**Description:** OK  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/IdentityData'

### Headers:

#### Cache-Control:

**Description:** Cache-Control containing max-age, as described in RFC 7234, 5.2

#### Schema:

**Type:** string

**ETag:**  
**Description:** Entity Tag, containing a strong validator, as described in RFC 7232, 2.3  
**Schema:**  
**Type:** string  
**Last-Modified:**  
**Description:** Timestamp for last modification of the resource, as described in RFC 7232, 2.2  
**Schema:**  
**Type:** string  
**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

## /subscription-data/{ueid}/operator-determined-barring-data

**get:**  
**Summary:** Retrieve ODB Data data by SUPI or GPSI  
**Operation ID:** GetOdbData

**Tags:**  
 - Query ODB Data by SUPI or GPSI (Document)

**Parameters:**  
 - **Name:** ueId  
**In:** path  
**Description:** UE ID  
**Required/Optional:** true  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/VarUeId'

**Responses:**  
**'200':**  
**Description:** OK  
**Content:**  
**Application/JSON:**  
**Schema:**  
**Reference:** '#/components/schemas/OperatorDeterminedBarringData'

**Default:**  
**Description:** Unexpected error  
**Content:**  
**application/problem+json:**  
**Schema:**  
**Reference:** 'TS29571\_CommonData.yaml#/components/schemas/ProblemDetails'

# Components

```

schemas:
  AuthenticationSubscription:
    Type: object
    Required:
      - authenticationMethod
      - permanentKey
      - sequenceNumber
    Properties:
      authenticationMethod:
        Reference: '#/components/schemas/AuthMethod'
      permanentKey:
        Reference: '#/components/schemas/PermanentKey'
      sequenceNumber:
        Reference: '#/components/schemas/SequenceNumber'
      authenticationManagementField:
        Reference: '#/components/schemas/AuthenticationManagementField'
      vectorAlgorithm:
        Reference: '#/components/schemas/VectorAlgorithm'
      milenage:
        Reference: '#/components/schemas/Milenage'
      tuak:
        Reference: '#/components/schemas/Tuak'
      opc:
        Reference: '#/components/schemas/Opc'
      topc:
        Reference: '#/components/schemas/Topc'
      sharedAuthenticationSubscriptionId:
        Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/SharedData'
  SharedAuthenticationSubscription:
    Type: object
    Required:
      - authenticationMethod
      - vectorAlgorithm
    Properties:
      authenticationManagementField:
        Reference: '#/components/schemas/AuthenticationManagementField'
      vectorAlgorithm:
        Reference: '#/components/schemas/VectorAlgorithm'
      milenage:
        Reference: '#/components/schemas/Milenage'
      tuak:
        Reference: '#/components/schemas/Tuak'
  PermanentKey:
    Type: object
    Required:
      - permanentKeyValue
      - encryptionKey
      - encryptionAlgorithm

```

```

Properties:
  permanentKeyValue:
    Reference: '#/components/schemas/PermanentKeyValue'
  encryptionKey:
    Reference: '#/components/schemas/EncryptionKey'
  encryptionAlgorithm:
    Reference: '#/components/schemas/EncryptionAlgorithm'
Milenage:
  Type: object
  Properties:
    op:
      Reference: '#/components/schemas/Op'
    rotations:
      Reference: '#/components/schemas/Rotations'
    constants:
      Reference: '#/components/schemas/Constants'
Tuak:
  Type: object
  Properties:
    top:
      Reference: '#/components/schemas/Top'
    keccakIterations:
      Type: integer
      Minimum: 1
      Maximum: 255
Op:
  Type: object
  Required:
  - opValue
  - encryptionKey
  - encryptionAlgorithm
  Properties:
    opValue:
      Reference: '#/components/schemas/OpValue'
    encryptionKey:
      Reference: '#/components/schemas/EncryptionKey'
    encryptionAlgorithm:
      Reference: '#/components/schemas/EncryptionAlgorithm'
Opc:
  Type: object
  Required:
  - opcValue
  - encryptionKey
  - encryptionAlgorithm
  Properties:
    opcValue:
      Reference: '#/components/schemas/OpcValue'
    encryptionKey:
      Reference: '#/components/schemas/EncryptionKey'
    encryptionAlgorithm:
      Reference: '#/components/schemas/EncryptionAlgorithm'
Top:
  Type: object

```



**Required:**

- topValue
- encryptionKey
- encryptionAlgorithm

**Properties:**

**topValue:**

- Reference:** '#/components/schemas/TopValue'

**encryptionKey:**

- Reference:** '#/components/schemas/EncryptionKey'

**encryptionAlgorithm:**

- Reference:** '#/components/schemas/EncryptionAlgorithm'

**Topc:**

**Type:** object

**Required:**

- topcValue
- encryptionKey
- encryptionAlgorithm

**Properties:**

**topcValue:**

- Reference:** '#/components/schemas/TopcValue'

**encryptionKey:**

- Reference:** '#/components/schemas/EncryptionKey'

**encryptionAlgorithm:**

- Reference:** '#/components/schemas/EncryptionAlgorithm'

**Rotations:**

**Type:** object

**Required:**

- r1
- r2
- r3
- r4
- r5

**Properties:**

**r1:**

- Reference:** '#/components/schemas/RValue'

**r2:**

- Reference:** '#/components/schemas/RValue'

**r3:**

- Reference:** '#/components/schemas/RValue'

**r4:**

- Reference:** '#/components/schemas/RValue'

**r5:**

- Reference:** '#/components/schemas/RValue'

**Constants:**

**Type:** object

**Required:**

- c1
- c2
- c3
- c4
- c5

**Properties:**

**c1:**

- Reference:** '#/components/schemas/CValue'

**c2:**

```

    Reference: '#/components/schemas/CValue'
c3:
    Reference: '#/components/schemas/CValue'
c4:
    Reference: '#/components/schemas/CValue'
c5:
    Reference: '#/components/schemas/CValue'
PermanentKeyValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
SequenceNumber:
  Type: string
  Pattern: '^[A-Za-f0-9]{12}$'
AuthenticationManagementField:
  Type: string
  Pattern: '^[A-Za-f0-9]{4}$'
OpValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
OpcValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
TopValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
TopcValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
RValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
CValue:
  Type: string
  Pattern: '^[A-Za-f0-9]+$'
EncryptionKey:
  Type: integer
EncryptionAlgorithm:
  Type: integer
VectorAlgorithm:
  Type: string
  enum:
    - MILENAGE
    - TUAK
VarPlmnId:
  Type: string
  Pattern: '^[0-9]{5,6}$'
DatasetNames:
  Type: array
  Items:
    Reference: '#/components/schemas/DataSetName'
  minItems: 1
  uniqueItems: true

```

```

DataSetName:
  anyOf:
    - type: string
      enum:
        - AM
        - SMF_SEL
        - SMS_SUB
        - SM
        - TRACE
        - SMS_MNG
    - type: string
ProvisionedDataSets:
  Type: object
  Properties:
    amData:
      Reference: '#/components/schemas/AccessAndMobilitySubscriptionData'
    smfSelData:
      Reference: '#/components/schemas/SmfSelectionSubscriptionData'
    smsSubsData:
      Reference: '#/components/schemas/SmsSubscriptionData'
    smData:
      Type: array
      Items:
        Reference: '#/components/schemas/SessionManagementSubscriptionData'
    traceData:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/TraceData'
    smsMngData:
      Reference: '#/components/schemas/SmsManagementSubscriptionData'
AccessAndMobilitySubscriptionData:
  Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/AccessAndMobilitySubscriptionData'
SmfSelectionSubscriptionData:
  Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/SmfSelectionSubscriptionData'
VarSnssai:
  Reference: 'TS29571_CommonData.yaml#/components/schemas/Snssai'
Dnn:
  Reference: 'TS29571_CommonData.yaml#/components/schemas/Dnn'
SessionManagementSubscriptionData:
  Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/SessionManagementSubscriptionData'
Amf3GppAccessRegistration:
  Reference: 'TS29503_Nudm_UECM.yaml#/components/schemas/Amf3GppAccessRegistration'
AmfNon3GppAccessRegistration:
  Reference: 'TS29503_Nudm_UECM.yaml#/components/schemas/AmfNon3GppAccessRegistration'
SmfRegistration:
  Reference: 'TS29503_Nudm_UECM.yaml#/components/schemas/SmfRegistration'
SmsfRegistration:
  Reference: 'TS29503_Nudm_UECM.yaml#/components/schemas/SmsfRegistration'
SmsManagementSubscriptionData:
  Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/SmsManagementSubscriptionData'
SmsSubscriptionData:
  Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/SmsSubscriptionData'

```

```

OperatorSpecificDataContainer:
  Type: object
  Properties:
    StringTypeElements:
      Type: object
      additionalProperties:
        Type: string
    IntegerTypeElements:
      Type: object
      additionalProperties:
        Type: integer
    NumberTypeElements:
      Type: object
      additionalProperties:
        Type: number
    BooleanTypeElements:
      Type: object
      additionalProperties:
        Type: boolean
  AuthMethod:
    Type: string
    enum:
      - 5G_AKA
      - EAP_AKA_PRIME
  PpData:
    Reference: 'TS29503_Nudm_PP.yaml#/components/schemas/PpData'
  EeSubscription:
    Reference: 'TS29503_Nudm_EE.yaml#/components/schemas/EeSubscription'
  VarUeGroupId:
    Type: string
    Pattern: '^ (extgroupid- [^@]+@ [^@]+ |anyUE) $'
  SdmSubscription:
    Reference: 'TS29503_Nudm_SDM.yaml#/components/schemas/SdmSubscription'
  SmfRegList:
    Type: array
    Items:
      Reference: '#/components/schemas/SmfRegistration'
  SubscriptionDataSubscriptions:
    Type: object
    Required:
      - ueId
      - callbackReference
      - originalCallbackReference
      - supported-features
    Properties:
      ueId:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
      callbackReference:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/Uri'
      originalCallbackReference:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/Uri'
      monitoredResourceUri:
        Type: array

```

```
    Items:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/Uri'
  expiry:
    Reference: 'TS29571_CommonData.yaml#/components/schemas/DateTime'
  supported-features:
    Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'
DataChangeNotify:
  Type: object
  Properties:
    originalCallbackReference:
      Type: array
      Items:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/Uri'
      minItems: 1
    ueId:
      Reference: 'TS29571_CommonData.yaml#/components/schemas/VarUeId'
    notifyItems:
      Type: array
      Items:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/NotifyItem'
      minItems: 1
IdentityData:
  Type: object
  Properties:
    supiList:
      Type: array
      Items:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/Supi'
      minItems: 1
      maxItems: 2
    gpsiList:
      Type: array
      Items:
        Reference: 'TS29571_CommonData.yaml#/components/schemas/Gpsi'
      minItems: 1
SorData:
  Type: object
  Properties:
    sorXmacIue:
      Reference: 'TS29509_Nausf_SoRProtection.yaml#/components/schemas/SorMac'
  Required:
    - sorXmacIue
OperatorDeterminedBarringData:
  Reference: 'TS29571_CommonData.yaml#/components/schemas/OdbData'
EeProfileData:
  Type: object
  Properties:
    restrictedEventTypes:
      Type: array
      Items:
        Reference: 'TS29503_Nudm_EE.yaml#/components/schemas/EventType'
  supportedFeatures:
```

```
      Reference: 'TS29571_CommonData.yaml#/components/schemas/SupportedFeatures'  
AmfSubscriptionInfo:  
  Type: object  
  Required:  
    - amfInstanceId  
    - subscriptionId  
  Properties:  
    amfInstanceId:  
      Reference: 'TS29571_CommonData.yaml#/components/schemas/NfInstanceId'  
    subscriptionId:  
      Reference: 'TS29571_CommonData.yaml#/components/schemas/Uri'  
    subsChangeNotifyCorrelationId:  
      Type: string
```

## External Docs

**Description:** 3GPP TS 29.505 V15.2.0; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3

**URL:** 'http://www.3gpp.org/ftp/Specs/archive/29\_series/29.505/'