**TSG-CT WG3 Meeting #119-e *C3-216126***

**E-Meeting, 11th – 19th November 2021 (Revision of C3-216xyz)**

|  |
| --- |
| *CR-Form-v12.1* |
| **CHANGE REQUEST** |
|  |
|  | **29.519** | **CR** | 0286 | **rev** | **-** | **Current version:** | **17.4.0** |  |
|  |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* |
|  |

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

|  |
| --- |
|  |
| ***Title:***  |  Clarification of AF preference for the user plane latency |
|  |  |
| ***Source to WG:*** | Huawei |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | eEDGE\_5GC |  | ***Date:*** | 2021-11-11 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** | Rel-17 |
|  | *Use one of the following categories:****F*** *(correction)****A*** *(mirror corresponding to a change in an earlier release)****B*** *(addition of feature),* ***C*** *(functional modification of feature)****D*** *(editorial modification)*Detailed explanations of the above categories canbe found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | *Use one of the following releases:Rel-8 (Release 8)Rel-9 (Release 9)Rel-10 (Release 10)Rel-11 (Release 11)…Rel-15 (Release 15)Rel-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)* |
|  |  |
| ***Reason for change:*** | The AF preference for the user plane latency has been removed from clause 6.3.6 of TS 23.548. Stage 3 doesn’t need to define this parameter.In CT3#118e, C3-215440 is agreed to remove UserPlaneLatencyRequirements and add the maxAllowedUpLat within the TrafficControlData directly. TS 29.519 shall be aligned with change in 29.512. |
|  |  |
| ***Summary of change:*** | 1. Remove the UserPlaneLatencyRequirements.
2. Include maxAllowedUpLat attribute
 |
|  |  |
| ***Consequences if not approved:*** | Incorrect specifications. End to end procedure doesn’t work. |
|  |  |
| ***Clauses affected:*** | 6.4.1, 6.4.2.2, 6.4.2.3, A.3 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** |  | **X** |  Other core specifications  | TS/TR ... CR ...  |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | This CR introduces backward compatible feature to the OpenAPI file of Nudr\_DataRepository API for Application Data |
|  |  |
| ***This CR's revision history:*** |  |

**Additional discussion(if needed):**

**Proposed changes:**

\*\*\* 1st Change \*\*\*

### 6.4.1 General

This subclause specifies the application data model supported by the API.

Table 6.4.1-1 specifies the data types defined for the Nudr\_DataRepository Service API for Application Data service based interface protocol.

Table 6.4.1-1: Nudr\_DataRepository specific Data Types for Application Data

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Section defined | Description | Applicability |
| AmInfluData | 6.4.2.16 | Contains AM influence data. |  |
| AmInfluDataPatch | 6.4.2.17 | Contains AM influence data that can be updated. |  |
| ApplicationDataSubs | 6.4.2.10 | Contains application data subscription data. |  |
| ApplicationDataChangeNotif | 6.4.2.11 | Contains the new or updated application data or removed indication. |  |
| BdtPolicyData | 6.4.2.7 | Contains applied BDT policy data. | EnhancedBackgroundDataTransfer |
| BdtPolicyDataPatch | 6.4.2.8 | Contains modification instructions to be performed on the applied BDT policy data. | EnhancedBackgroundDataTransfer |
| DataInd | 6.4.3.3 | Indicates the type of data. |  |
| DataFilter | 6.4.2.12 | Indicates a data filter. |  |
| IptvConfigData | 6.4.2.9 | Represents IPTV configuration data information. |  |
| PfdDataForAppExt | 6.4.2.6 | The PFDs and related data for the application |  |
| ServiceParameterData | 6.4.2.15 | Contains the service parameter data. |  |
| TrafficInfluData | 6.4.2.2 | Contains traffic influence data. |  |
| TrafficInfluDataPatch | 6.4.2.3 | Contains modification instructions to be performed on the traffic influence data. |  |
| TrafficInfluDataNotif | 6.4.2.14 | Contains traffic influence data for notification. | EnhancedInfluDataNotification |
| TrafficInfluSub | 6.4.2.4 | Contains traffic influence subscription data. |  |

Table 6.4.1-2 specifies data types re-used by the Nudr\_DataRepository Service API for Application Data service based interface protocol from other specifications, including a reference to their respective specifications and when needed, a short description of their use within the Nudr\_DataRepository Service API for Application Data service based interface.

Table 6.4.1-2: Nudr\_DataRepository re-used Data Types for Application Data

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Reference | Comments | Applicability |
| AmInfluEvent | 3GPP TS 29.522 [19] | Identifies the type of AM related events of which the AF requests to be notified. |  |
| ApplicationId | 3GPP TS 29.571 [7] | Indicates an application identifier. |  |
| BdtReferenceId | 3GPP TS 29.122 [9] | Identifies a selected policy of background data transfer. | EnhancedBackgroundDataTransfer |
| DateTime | 3GPP TS 29.571 [7] | Indicates a date and time. |  |
| DnaiChangeType | 3GPP TS 29.571 [7] | Describes the types of DNAI change. |  |
| Dnn | 3GPP TS 29.571 [7] | Identifies a Data Network Name. |  |
| EthFlowDescription | 3GPP TS 29.514 [16] | Contains the Ethernet data flow information.(NOTE) |  |
| FlowInfo | 3GPP TS 29.122 [9] | Contains the flow information. |  |
| IptvConfigDataPatch | 3GPP TS 29.522 [19] | Contains the IPTV configuration data used for PATCH. |  |
| Ipv4Addr | 3GPP TS 29.571 [7] | Identifies an IPv4 address. |  |
| Ipv6Addr | 3GPP TS 29.571 [7] | Identifies an IPv6 address. |  |
| MacAddr48 | 3GPP TS 29.571 [7] | MAC Address. |  |
| MulticastAccessControl | 3GPP TS 29.522 [19] | Represents the multicast access control information. |  |
| NetworkAreaInfo | 3GPP TS 29.554 [13] | Describes a network area information. |  |
| ParameterOverPc5 | 3GPP TS 29.522 [19] | Contains the V2X service parameters data provisioned over PC5. |  |
| ParameterOverUu | 3GPP TS 29.522 [19] | Contains the V2X service parameters data provisioned over Uu. |  |
| ParamForProSeDd | 3GPP TS 29.522 [19] | Contains the service parameters for 5G ProSe direct discovery. | ProSe |
| ParamForProSeDc | 3GPP TS 29.522 [19] | Contains the service parameters for 5G ProSe direct communications. | ProSe |
| ParamForProSeU2N | 3GPP TS 29.522 [19] | Contains the service parameters for 5G ProSe UE-to-network relay. | ProSe |
| PfdChangeNotification | 3GPP TS 29.551 [8] | Describes the PFD change. |  |
| PfdDataForApp | 3GPP TS 29.551 [8] | Identifies the PFDs for one application identifier. |  |
| RouteToLocation | 3GPP TS 29.571 [7] | Identifies the N6 traffic routing requirement. |  |
| ServiceParamterDataPatch | 3GPP TS 29.522 [19] | Contains the service parameter data. |  |
| Snssai | 3GPP TS 29.571 [7] | Identifies a Single Network Slice Selection Assistance Information. |  |
| SubscribedEvent | 3GPP TS 29.522 [19] | Identified the type of UP path management events of which the AF requests to be notified. |  |
| Supi | 3GPP TS 29.571 [7] | Identifies a SUPI that shall contain either an IMSI or an NAI. |  |
| SupportedFeatures | 3GPP TS 29.571 [7] | Used to negotiate the applicability of the optional features. |  |
| TemporalValidity | 3GPP TS 29.514 [16] | Indicates the time interval during which the AF request is to be applied. | MultiTemporalCondition |
| Uinteger | 3GPP TS 29.571 [7] | Unsigned Integer, i.e. only value 0 and integers above 0 are permissible.Minimum = 0. | EnEDGE |
| UintegerRm | 3GPP TS 29.571 [7] | This data type is defined in the same way as the "Uinteger" data type, but with the OpenAPI "nullable: true" property. | EnEDGE |
| Uri | 3GPP TS 29.571 [7] | Identifies a URI. |  |
| UrspRuleRequest | 3GPP TS 29.522 [19] | Contains service parameter data used to influence the URSP. | EnEDGE |
|  |  |  |  |
| NOTE: In order to support a set of MAC addresses with a specific range in the traffic filter, feature MacAddressRange as specified in clause 6.1.8 of TS 29.504 [6] shall be supported. |

\*\*\* Next Change \*\*\*

#### 6.4.2.2 Type TrafficInfluData

Table 6.4.2.2-1: Definition of type TrafficInfluData

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| upPathChgNotifCorreId | string | C | 0..1 | Contains the Notification Correlation Id allocated by the NEF for the UP path change notification. It shall be included when the NEF requests the UP path change notification. |  |
| appReloInd | boolean | O | 0..1 | Identifies whether an application can be relocated once a location of the application has been selected. |  |
| afAppId | string | O | 0..1 | Identifies an application.(NOTE 1) (NOTE 3) |  |
| dnn | Dnn | O | 0..1 | Identifies a DNN |  |
| ethTrafficFilters | array(EthFlowDescription) | O | 1..N | Identifies Ethernet packet filters.(NOTE 1) (NOTE 3) |  |
| snssai | Snssai | O | 0..1 | The identification of slice. |  |
| interGroupId | GroupId | O | 0..1 | Identifies a group of users. (NOTE 2) (NOTE 3)(NOTE 5) |  |
| supi | Supi | O | 0..1 | Identifies a user. (NOTE 2) (NOTE 3) |  |
| trafficFilters | array(FlowInfo) | O | 1..N | Identifies IP packet filters.(NOTE 1) (NOTE 3) |  |
| trafficRoutes | array(RouteToLocation) | O | 1..N | Identifies the N6 traffic routing requirement. |  |
| traffCorreInd | boolean | O | 0..1 | Indication of traffic correlation.May only be included when "interGroupId" attribute is included and not set to "AnyUE".It is used to indicate that for the group of UEs, the targeted PDU sessions should be correlated by a common DNAI.Set to "true" if it should be correlated; otherwise set to "false". Default value is "false" if omitted. |  |
| validStartTime | DateTime | O | 0..1 | Identifies when the traffic routings start to be applicable. (NOTE 4) |  |
| validEndTime | DateTime | O | 0..1 | Identifies when the traffic routings are not applicable. (NOTE 4) |  |
| tempValidities | array(TemporalValidity) | O | 1..N | Indicates the time interval(s) during which the AF request is to be applied. (NOTE 4) | MultiTemporalCondition |
| nwAreaInfo | NetworkAreaInfo | O | 0..1 | Identifies a network area information that the request applies only to the traffic of UE(s) located in this specific zone. |  |
| upPathChgNotifUri | Uri | C | 0..1 | Contains the URI where the NEF receives the UP path change notification. It shall be included when the NEF requests the UP path change notification. |  |
| headers | array(string) | O | 1..N | Headers provisioned by the NEF to be used by other NFs to interact with the NEF. E.g. 3gpp-Sbi-Binding header with the binding indication for the URI where the NEF receives UP path change notification and whose information is used by the SMF. The encoding of the header shall comply with clause 3.2 of IETF RFC 7230 [21].(NOTE 6) |  |
| subscribedEvents | array(SubscribedEvent) | O | 1..N | Identifies the requirement to be notified of the event(s). |  |
| dnaiChgType | DnaiChangeType | O | 0..1 | Identifies a type of notification regarding UP path management event. |  |
| afAckInd | boolean | O | 0..1 | Identifies whether the AF acknowledgement of UP path event notification is expected.Set to "true" if the AF acknowledgement is expected; otherwise set to "false". Default value is "false" if omitted. | URLLC |
| addrPreserInd | boolean | O | 0..1 | Indicates whether UE IP address should be preserved.This attribute shall set to "true" if preserved, otherwise, set to "false".Default value is false if omitted. | URLLC |
|  |  |  |  |  |  |
| maxAllowedUpLat | Uinteger | O | 0..1 | Indicates the target user plane latency in units of milliseconds. The SMF may use this value to decide whether edge relocation is needed to ensure that the user plane latency does not exceed the value. | EnEDGE |
| supportedFeatures | SupportedFeatures | C | 0..1 | Indicates the list of negotiated supported features.This attribute shall be supplied by the UDR in the response to the PUT request when it was present in the PUT request and the UDR supports feature negotiation for Influence Data.This attribute shall be supplied by the UDR in the response to the GET request when the GET request includes the "supp-feat" query parameter and the UDR supports feature negotiation for Influence Data. |  |
| resUri | Uri | C | 0..1 | Represents the URI of Individual Influence Data.It shall only be included in the HTTP GET response. | EnhancedInfluDataNotification |
| NOTE 1: One of "afAppId", "trafficFilters" or "ethTrafficFilters" shall be included.NOTE 2: Either "supi" or "interGroupId" shall be included.NOTE 3: If the EnhancedInfluDataNotification feature is not supported, to indicate the deletion of a Traffic Individual Influence Data resource, only the appropriate combination of "supi" or "interGroupId", and "afAppId", "trafficFilters" or "ethTrafficFilters" that identify the resource shall be included. The rest of attributes shall be omitted.NOTE 4: Properties "validStartTime" and "validEndTime" shall only be included for single temporal validity condition. Property "tempValidities" shall only be included for multiple temporal validity conditions when the feature MultiTemporalCondition is supported.NOTE 5: If the Traffic Influence Data applies to any UE, then the "interGroupId" sets to "AnyUE". NOTE 6: In this release of the specification, the property "headers" only includes the 3gpp-Sbi-Binding header with the binding indication for the URI included in the property "upPathChgNotifUri". |

\*\*\* Next Change \*\*\*

6.4.2.3 Type TrafficInfluDataPatch

Table 6.4.2.3-1: Definition of type TrafficInfluDataPatch

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Attribute name** | **Data type** | **P** | **Cardinality** | **Description** | **Applicability** |
| upPathChgNotifCorreId | string | O | 0..1 | Contains the Notification Correlation Id allocated by the NEF for the UP path change notification. |  |
| appReloInd | boolean | O | 0..1 | Identifies whether an application can be relocated once a location of the application has been selected. |  |
| dnn | Dnn | O | 0..1 | Identifies a DNN. |  |
| snssai | Snssai | O | 0..1 | The identification of slice |  |
| internalGroupId | GroupId | O | 0..1 | Identifies a group of users.  |  |
| ethTrafficFilters | array(EthFlowDescription) | O | 1..N | Identifies Ethernet packet filters. |  |
| supi | Supi | O | 0..1 | Identifies a user.  |  |
| trafficFilters | array(FlowInfo) | O | 1..N | Identifies IP packet filters |  |
| trafficRoutes | array(RouteToLocation) | O | 1..N | Identifies the N6 traffic routing requirement. |  |
| traffCorreInd | boolean | O | 0..1 | Indication of traffic correlation.May only be included when "internalGroupId" attribute is included and not set to "AnyUE".It is used to indicate that for the group of UEs, the targeted PDU sessions should be correlated by a common DNAI. |  |
| validStartTime | DateTime | O | 0..1 | Identifies when the traffic routings start to be applicable. |  |
| validEndTime | DateTime | O | 0..1 | Identifies when the traffic routings are not applicable. |  |
| tempValidities | array(TemporalValidity) | O | 1..N | Indicates the time interval(s) during which the AF request is to be applied. | MultiTemporalCondition |
| nwAreaInfo | NetworkAreaInfo | O | 0..1 | Identifies a network area information that the request applies only to the traffic of UE(s) located in this specific zone. |  |
| upPathChgNotifUri | Uri | O | 0..1 | Contains the URI where the NEF receives the UP path change notification.  |  |
| headers | array(string) | O | 1..N | Headers provisioned by the NEF. E.g. 3gpp-Sbi-Binding header with the binding indication for the URI where the NEF receives UP path change notification. The encoding of the header shall comply with clause 3.2 of IETF RFC 7230 [21] |  |
| afAckInd | boolean | O | 0..1 | Identifies whether the AF acknowledgement of UP path event notification is expected.  | URLLC |
| addrPreserInd | boolean | O | 0..1 | Indicates UE IP address should be preserved. | URLLC |
| maxAllowedUpLat | UintegerRm | O | 0..1 | Indicates the target user plane latency in units of milliseconds. The SMF may use this value to decide whether edge relocation is needed to ensure that the user plane latency does not exceed the value. | EnEDGE |
|  |  |  |  |  |  |

\*\*\* Next Change \*\*\*

# A.3 Nudr\_DataRepository API for Application Data

For the purpose of referencing entities in the Open API file defined in this Annex, it shall be assumed that this Open API file is contained in a physical file named "TS29519\_Application\_Data.yaml".

openapi: 3.0.0

info:

 version: '-'

 title: Unified Data Repository Service API file for Application Data

 description: |

 The API version is defined in 3GPP TS 29.504

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externalDocs:

 description: 3GPP TS 29.519 V17.4.0; 5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure.

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

paths:

 /application-data/pfds:

 get:

 summary: Retrieve PFDs for application identifier(s)

 operationId: ReadPFDData

 tags:

 - PFD Data (Store)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: appId

 in: query

 description: Contains the information of the application identifier(s) for the querying PFD Data resource. If none appId is included in the URI, it applies to all application identifier(s) for the querying PFD Data resource.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 responses:

 '200':

 description: A representation of PFDs for request applications is returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/pfds/{appId}:

 get:

 summary: Retrieve the corresponding PFDs of the specified application identifier

 operationId: ReadIndividualPFDData

 tags:

 - Individual PFD Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: appId

 in: path

 description: Indicate the application identifier for the request pfd(s). It shall apply the format of Data type ApplicationId.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: A representation of PFDs for the request application identified by the application identifier is returned.

 content:

 application/json:

 schema:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete the corresponding PFDs of the specified application identifier

 operationId: DeleteIndividualPFDData

 tags:

 - Individual PFD Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: appId

 in: path

 description: Indicate the application identifier for the request pfd(s). It shall apply the format of Data type ApplicationId.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: Successful case. The Individual PFD Data resource related to the application identifier was deleted.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 put:

 summary: Create or update the corresponding PFDs for the specified application identifier

 operationId: CreateOrReplaceIndividualPFDData

 tags:

 - Individual PFD Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: appId

 in: path

 description: Indicate the application identifier for the request pfd(s). It shall apply the format of Data type ApplicationId.

 required: true

 schema:

 type: string

 responses:

 '201':

 description: The creation of an Individual PFD Data resource related to the application-identifier is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

 description: 'Contains the URI of the newly created resource, according to the structure: {apiRoot}/nudr-dr/<apiVersion>/application-data/pfds/{appId}'

 required: true

 schema:

 type: string

 '200':

 description: Successful case. The upgrade of an Individual PFD Data resource related to the application identifier is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/influenceData:

 get:

 summary: Retrieve Traffic Influence Data

 operationId: ReadInfluenceData

 tags:

 - Influence Data (Store)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: influence-Ids

 in: query

 description: Each element identifies a service.

 required: false

 schema:

 type: array

 items:

 type: string

 minItems: 1

 - name: dnns

 in: query

 description: Each element identifies a DNN.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: snssais

 in: query

 description: Each element identifies a slice.

 required: false

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 1

 - name: internal-Group-Ids

 in: query

 description: Each element identifies a group of users.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supis

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supp-feat

 in: query

 required: false

 description: Supported Features

 schema:

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

 responses:

 '200':

 description: The Traffic Influence Data stored in the UDR are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/influenceData/{influenceId}:

 put:

 summary: Create or update an individual Influence Data resource

 operationId: CreateOrReplaceIndividualInfluenceData

 tags:

 - Individual Influence Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: influenceId

 in: path

 description: The Identifier of an Individual Influence Data to be created or updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '201':

 description: The creation of an Individual Traffic Influence Data resource is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

 description: 'Contains the URI of the newly created resource, according to the structure: {apiRoot}/nudr-dr/<apiVersion>/application-data/influenceData/{influenceId}'

 required: true

 schema:

 type: string

 '200':

 description: The update of an Individual Traffic Influence Data resource is confirmed and a response body containing Traffic Influence Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 patch:

 summary: Modify part of the properties of an individual Influence Data resource

 operationId: UpdateIndividualInfluenceData

 tags:

 - Individual Influence Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/merge-patch+json:

 schema:

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

 parameters:

 - name: influenceId

 in: path

 description: The Identifier of an Individual Influence Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The update of an Individual Traffic Influence Data resource is confirmed and a response body containing Traffic Influence Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete an individual Influence Data resource

 operationId: DeleteIndividualInfluenceData

 tags:

 - Individual Influence Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: influenceId

 in: path

 description: The Identifier of an Individual Influence Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The Individual Influence Data was deleted successfully.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/influenceData/subs-to-notify:

 post:

 summary: Create a new Individual Influence Data Subscription resource

 operationId: CreateIndividualInfluenceDataSubscription

 tags:

 - Influence Data Subscriptions (Collection)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '201':

 description: The subscription was created successfully.

 content:

 application/json:

 schema:

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

 headers:

 Location:

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

 required: true

 schema:

 type: string

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 callbacks:

 trafficInfluenceDataChangeNotification:

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

 post:

 requestBody:

 required: true

 content:

 application/json:

 schema:

 type: array

 items:

 oneOf:

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

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

 minItems: 1

 responses:

 '204':

 description: No Content, Notification was successful

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '403':

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

 '404':

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

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 get:

 summary: Read Influence Data Subscriptions

 operationId: ReadInfluenceDataSubscriptions

 tags:

 - Influence Data Subscriptions (Collection)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: dnn

 in: query

 description: Identifies a DNN.

 required: false

 schema:

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

 - name: snssai

 in: query

 description: Identifies a slice.

 required: false

 content:

 application/json:

 schema:

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

 - name: internal-Group-Id

 in: query

 description: Identifies a group of users.

 required: false

 schema:

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

 - name: supi

 in: query

 description: Identifies a user.

 required: false

 schema:

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

 responses:

 '200':

 description: The subscription information as request in the request URI query parameter(s) are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 0

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/influenceData/subs-to-notify/{subscriptionId}:

 get:

 summary: Get an existing individual Influence Data Subscription resource

 operationId: ReadIndividualInfluenceDataSubscription

 tags:

 - Individual Influence Data Subscription (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: subscriptionId

 in: path

 description: String identifying a subscription to the Individual Influence Data Subscription

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The subscription information is returned.

 content:

 application/json:

 schema:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 put:

 summary: Modify an existing individual Influence Data Subscription resource

 operationId: ReplaceIndividualInfluenceDataSubscription

 tags:

 - Individual Influence Data Subscription (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: subscriptionId

 in: path

 description: String identifying a subscription to the Individual Influence Data Subscription

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The subscription was updated successfully.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete an individual Influence Data Subscription resource

 operationId: DeleteIndividualInfluenceDataSubscription

 tags:

 - Individual Influence Data Subscription (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: subscriptionId

 in: path

 description: String identifying a subscription to the Individual Influence Data Subscription

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The subscription was terminated successfully.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/bdtPolicyData:

 get:

 summary: Retrieve applied BDT Policy Data

 operationId: ReadBdtPolicyData

 tags:

 - BdtPolicy Data (Store)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: bdt-policy-ids

 in: query

 description: Each element identifies a service.

 required: false

 schema:

 type: array

 items:

 type: string

 minItems: 1

 - name: internal-group-ids

 in: query

 description: Each element identifies a group of users.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supis

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 responses:

 '200':

 description: The applied BDT policy Data stored in the UDR are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/bdtPolicyData/{bdtPolicyId}:

 put:

 summary: Create an individual applied BDT Policy Data resource

 operationId: CreateIndividualAppliedBdtPolicyData

 tags:

 - Individual Applied BDT Policy Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: bdtPolicyId

 in: path

 description: The Identifier of an Individual Applied BDT Policy Data to be created or updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '201':

 description: The creation of an Individual Applied BDT Policy Data resource is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

 description: 'Contains the URI of the newly created resource, according to the structure: {apiRoot}/nudr-dr/<apiVersion>/application-data/bdtPolicyData/{bdtPolicyId}'

 required: true

 schema:

 type: string

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 patch:

 summary: Modify part of the properties of an individual Applied BDT Policy Data resource

 operationId: UpdateIndividualAppliedBdtPolicyData

 tags:

 - Individual Applied BDT Policy Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/merge-patch+json:

 schema:

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

 parameters:

 - name: bdtPolicyId

 in: path

 description: The Identifier of an Individual Applied BDT Policy Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The update of an Individual Applied BDT Policy Data resource is confirmed and a response body containing Applied BDT Policy Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete an individual Applied BDT Policy Data resource

 operationId: DeleteIndividualAppliedBdtPolicyData

 tags:

 - Individual Applied BDT Policy Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: bdtPolicyId

 in: path

 description: The Identifier of an Individual Applied BDT Policy Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The Individual Applied BDT Policy Data was deleted successfully.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/iptvConfigData:

 get:

 summary: Retrieve IPTV configuration Data

 operationId: ReadIPTVCongifurationData

 tags:

 - IPTV Configuration Data (Store)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: config-ids

 in: query

 description: Each element identifies a configuration.

 required: false

 schema:

 type: array

 items:

 type: string

 minItems: 1

 - name: dnns

 in: query

 description: Each element identifies a DNN.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: snssais

 in: query

 description: Each element identifies a slice.

 required: false

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supis

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: inter-group-ids

 in: query

 description: Each element identifies a group of users.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 responses:

 '200':

 description: The IPTV configuration data stored in the UDR are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/iptvConfigData/{configurationId}:

 put:

 summary: Create or update an individual IPTV configuration resource

 operationId: CreateOrReplaceIndividualIPTVConfigurationData

 tags:

 - Individual IPTV Configuration Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: configurationId

 in: path

 description: The Identifier of an Individual IPTV Configuration Data to be created or updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '201':

 description: The creation of an Individual IPTV Configuration Data resource is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

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

 required: true

 schema:

 type: string

 '200':

 description: The update of an Individual IPTV configuration resource.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 patch:

 summary: Partial update an individual IPTV configuration resource

 operationId: PartialReplaceIndividualIPTVConfigurationData

 tags:

 - Individual IPTV Configuration Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/merge-patch+json:

 schema:

 $ref: 'TS29522\_IPTVConfiguration.yaml#/components/schemas/IptvConfigDataPatch'

 parameters:

 - name: configurationId

 in: path

 description: The Identifier of an Individual IPTV Configuration Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The update of an Individual IPTV configuration resource.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete an individual IPTV configuration resource

 operationId: DeleteIndividualIPTVConfigurationData

 tags:

 - Individual IPTV Configuration Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: configurationId

 in: path

 description: The Identifier of an Individual IPTV Configuration to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The resource was deleted successfully.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/serviceParamData:

 get:

 summary: Retrieve Service Parameter Data

 operationId: ReadServiceParameterData

 tags:

 - Service Parameter Data (Store)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: service-param-ids

 in: query

 description: Each element identifies a service.

 required: false

 schema:

 type: array

 items:

 type: string

 minItems: 1

 - name: dnns

 in: query

 description: Each element identifies a DNN.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: snssais

 in: query

 description: Each element identifies a slice.

 required: false

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 1

 - name: internal-group-ids

 in: query

 description: Each element identifies a group of users.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supis

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: ue-ipv4s

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/Ipv4Addr'

 minItems: 1

 - name: ue-ipv6s

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/Ipv6Addr'

 minItems: 1

 - name: ue-macs

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/MacAddr48'

 minItems: 1

 - name: supp-feat

 in: query

 description: Supported Features

 required: false

 schema:

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

 responses:

 '200':

 description: The Service Parameter Data stored in the UDR are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/serviceParamData/{serviceParamId}:

 put:

 summary: Create or update an individual Service Parameter Data resource

 operationId: CreateOrReplaceServiceParameterData

 tags:

 - Individual Service Parameter Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: serviceParamId

 in: path

 description: The Identifier of an Individual Service Parameter Data to be created or updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '201':

 description: The creation of an Individual Service Parameter Data resource is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

 description: 'Contains the URI of the newly created resource, according to the structure: {apiRoot}/nudr-dr/<apiVersion>/application-data/serviceParamData/{serviceParamId}'

 required: true

 schema:

 type: string

 '200':

 description: The update of an Individual Service Parameter Data resource is confirmed and a response body containing Service Parameter Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 patch:

 summary: Modify part of the properties of an individual Service Parameter Data resource

 operationId: UpdateIndividualServiceParameterData

 tags:

 - Individual Service Parameter Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/merge-patch+json:

 schema:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ServiceParameterDataPatch'

 parameters:

 - name: serviceParamId

 in: path

 description: The Identifier of an Individual Service Parameter Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The update of an Individual Service Parameter Data resource is confirmed and a response body containing Service Parameter Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete an individual Service Parameter Data resource

 operationId: DeleteIndividualServiceParameterData

 tags:

 - Individual Service Parameter Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: serviceParamId

 in: path

 description: The Identifier of an Individual Service Parameter Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The Individual Service Parameter Data was deleted successfully.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/am-influence-data:

 get:

 summary: Retrieve AM Influence Data

 operationId: ReadAmInfluenceData

 tags:

 - AM Influence Data (Store)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: am-Influence-Ids

 in: query

 description: Each element identifies a service.

 required: false

 schema:

 type: array

 items:

 type: string

 minItems: 1

 - name: dnns

 in: query

 description: Each element identifies a DNN.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: snssais

 in: query

 description: Each element identifies a slice.

 required: false

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 1

 - name: internal-Group-Ids

 in: query

 description: Each element identifies a group of users.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supis

 in: query

 description: Each element identifies the user.

 required: false

 schema:

 type: array

 items:

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

 minItems: 1

 - name: supp-feat

 in: query

 required: false

 description: Supported Features

 schema:

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

 responses:

 '200':

 description: The AM Influence Data stored in the UDR are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/am-influence-data/{amInfluenceId}:

 put:

 summary: Create or update an individual AM Influence Data resource

 operationId: CreateOrReplaceIndividualAmInfluenceData

 tags:

 - Individual AM Influence Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 parameters:

 - name: amInfluenceId

 in: path

 description: The Identifier of an Individual AM Influence Data to be created or updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '201':

 description: The creation of an Individual AM Influence Data resource is confirmed and a representation of that resource is returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

 description: 'Contains the URI of the newly created resource, according to the structure: {apiRoot}/nudr-dr/<apiVersion>/application-data/am-influence-data/{amInfluenceId}'

 required: true

 schema:

 type: string

 '200':

 description: The update of an Individual AM Influence Data resource is confirmed and a response body containing AM Influence Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 patch:

 summary: Modify part of the properties of an individual AM Influence Data resource

 operationId: UpdateIndividualAmInfluenceData

 tags:

 - Individual AM Influence Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/merge-patch+json:

 schema:

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

 parameters:

 - name: amInfluenceId

 in: path

 description: The Identifier of an Individual AM Influence Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The update of an Individual AM Influence Data resource is confirmed and a response body containing AM Influence Data shall be returned.

 content:

 application/json:

 schema:

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

 '204':

 description: No content

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete an individual AM Influence Data resource

 operationId: DeleteIndividualAmInfluenceData

 tags:

 - Individual AM Influence Data (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: amInfluenceId

 in: path

 description: The Identifier of an Individual AM Influence Data to be updated. It shall apply the format of Data type string.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The Individual AM Influence Data was deleted successfully.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/subs-to-notify:

 post:

 summary: Create a subscription to receive notification of application data changes

 operationId: CreateIndividualApplicationDataSubscription

 tags:

 - ApplicationDataSubscriptions (Collection)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '201':

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

 content:

 application/json:

 schema:

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

 headers:

 Location:

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

 required: true

 schema:

 type: string

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 callbacks:

 applicationDataChangeNotif:

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

 post:

 requestBody:

 required: true

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 1

 responses:

 '204':

 description: No Content, Notification was successful

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 get:

 summary: Read Application Data change Subscriptions

 operationId: ReadApplicationDataChangeSubscriptions

 tags:

 - ApplicationDataSubscriptions (Collection)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: data-filter

 in: query

 description: The data filter for the query.

 required: false

 schema:

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

 responses:

 '200':

 description: The subscription information as request in the request URI query parameter(s) are returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 0

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 /application-data/subs-to-notify/{subsId}:

 parameters:

 - name: subsId

 in: path

 required: true

 schema:

 type: string

 put:

 summary: Modify a subscription to receive notification of application data changes

 operationId: ReplaceIndividualApplicationDataSubscription

 tags:

 - IndividualApplicationDataSubscription (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: The individual subscription resource was updated successfully.

 content:

 application/json:

 schema:

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

 '204':

 description: The individual subscription resource was updated successfully and no additional content is to be sent in the response message.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '411':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 delete:

 summary: Delete the individual Application Data subscription

 operationId: DeleteIndividualApplicationDataSubscription

 tags:

 - IndividualApplicationDataSubscription (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 responses:

 '204':

 description: Upon success, an empty response body shall be returned.

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

 get:

 summary: Get an existing individual Application Data Subscription resource

 operationId: ReadIndividualApplicationDataSubscription

 tags:

 - IndividualApplicationDataSubscription (Document)

 security:

 - {}

 - oAuth2ClientCredentials:

 - nudr-dr

 - oAuth2ClientCredentials:

 - nudr-dr

 - nudr-dr:application-data

 parameters:

 - name: subsId

 in: path

 description: String identifying a subscription to the Individual Application Data Subscription

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The subscription information is returned.

 content:

 application/json:

 schema:

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

 '400':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/401'

 '403':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/403'

 '404':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/404'

 '406':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/406'

 '414':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/414'

 '429':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29571\_CommonData.yaml#/components/responses/500'

 '503':

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

 default:

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

components:

 schemas:

 TrafficInfluData:

 description: Represents the Traffic Influence Data.

 type: object

 properties:

 upPathChgNotifCorreId:

 type: string

 description: Contains the Notification Correlation Id allocated by the NEF for the UP path change notification.

 appReloInd:

 type: boolean

 description: Identifies whether an application can be relocated once a location of the application has been selected.

 afAppId:

 type: string

 description: Identifies an application.

 dnn:

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

 ethTrafficFilters:

 type: array

 items:

 $ref: 'TS29514\_Npcf\_PolicyAuthorization.yaml#/components/schemas/EthFlowDescription'

 minItems: 1

 description: Identifies Ethernet packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 snssai:

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

 interGroupId:

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

 supi:

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

 trafficFilters:

 type: array

 items:

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

 minItems: 1

 description: Identifies IP packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 trafficRoutes:

 type: array

 items:

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

 minItems: 1

 description: Identifies the N6 traffic routing requirement.

 traffCorreInd:

 type: boolean

 validStartTime:

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

 validEndTime:

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

 tempValidities:

 type: array

 items:

 $ref: 'TS29514\_Npcf\_PolicyAuthorization.yaml#/components/schemas/TemporalValidity'

 minItems: 1

 description: Identifies the temporal validities for the N6 traffic routing requirement.

 nwAreaInfo:

 $ref: 'TS29554\_Npcf\_BDTPolicyControl.yaml#/components/schemas/NetworkAreaInfo'

 upPathChgNotifUri:

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

 headers:

 type: array

 items:

 type: string

 minItems: 1

 subscribedEvents:

 type: array

 items:

 $ref: 'TS29522\_TrafficInfluence.yaml#/components/schemas/SubscribedEvent'

 minItems: 1

 dnaiChgType:

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

 afAckInd:

 type: boolean

 addrPreserInd:

 type: boolean

 maxAllowedUpLat:

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

 supportedFeatures:

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

 resUri:

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

 allOf:

 - oneOf:

 - required: [afAppId]

 - required: [trafficFilters]

 - required: [ethTrafficFilters]

 - oneOf:

 - required: [supi]

 - required: [interGroupId]

 TrafficInfluDataPatch:

 description: Represents the Traffic Influence Data to be updated in the UDR.

 type: object

 properties:

 upPathChgNotifCorreId:

 type: string

 description: Contains the Notification Correlation Id allocated by the NEF for the UP path change notification.

 appReloInd:

 type: boolean

 description: Identifies whether an application can be relocated once a location of the application has been selected.

 dnn:

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

 ethTrafficFilters:

 type: array

 items:

 $ref: 'TS29514\_Npcf\_PolicyAuthorization.yaml#/components/schemas/EthFlowDescription'

 minItems: 1

 description: Identifies Ethernet packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 snssai:

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

 internalGroupId:

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

 supi:

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

 trafficFilters:

 type: array

 items:

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

 minItems: 1

 description: Identifies IP packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 trafficRoutes:

 type: array

 items:

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

 minItems: 1

 description: Identifies the N6 traffic routing requirement.

 traffCorreInd:

 type: boolean

 validStartTime:

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

 validEndTime:

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

 tempValidities:

 type: array

 items:

 $ref: 'TS29514\_Npcf\_PolicyAuthorization.yaml#/components/schemas/TemporalValidity'

 minItems: 1

 nullable: true

 description: Identifies the temporal validities for the N6 traffic routing requirement.

 nwAreaInfo:

 $ref: 'TS29554\_Npcf\_BDTPolicyControl.yaml#/components/schemas/NetworkAreaInfo'

 upPathChgNotifUri:

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

 headers:

 type: array

 items:

 type: string

 minItems: 1

 afAckInd:

 type: boolean

 addrPreserInd:

 type: boolean

 maxAllowedUpLat:

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

 TrafficInfluSub:

 description: Represents traffic influence subscription data.

 type: object

 properties:

 dnns:

 type: array

 items:

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

 minItems: 1

 description: Each element identifies a DNN.

 snssais:

 type: array

 items:

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

 minItems: 1

 description: Each element identifies a slice.

 internalGroupIds:

 type: array

 items:

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

 minItems: 1

 description: Each element identifies a group of users.

 supis:

 type: array

 items:

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

 minItems: 1

 description: Each element identifies the user.

 notificationUri:

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

 expiry:

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

 supportedFeatures:

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

 required:

 - notificationUri

 oneOf:

 - required: [dnns]

 - required: [snssais]

 - required: [internalGroupIds]

 - required: [supis]

 TrafficInfluDataNotif:

 description: Represents traffic influence data for notification.

 type: object

 properties:

 resUri:

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

 trafficInfluData:

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

 required:

 - resUri

 PfdDataForAppExt:

 description: Represents the PFDs and related data for the application.

 allOf:

 - $ref: 'TS29551\_Nnef\_PFDmanagement.yaml#/components/schemas/PfdDataForApp'

 - type: object

 properties:

 suppFeat:

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

 BdtPolicyData:

 description: Represents applied BDT policy data.

 type: object

 properties:

 interGroupId:

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

 supi:

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

 bdtRefId:

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

 dnn:

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

 snssai:

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

 resUri:

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

 required:

 - bdtRefId

 BdtPolicyDataPatch:

 description: Represents modification instructions to be performed on the applied BDT policy data.

 type: object

 properties:

 bdtRefId:

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

 required:

 - bdtRefId

 IptvConfigData:

 description: Represents IPTV configuration data information.

 type: object

 properties:

 supi:

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

 interGroupId:

 description: Identifies a group of users.

 dnn:

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

 snssai:

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

 afAppId:

 type: string

 multiAccCtrls:

 type: object

 additionalProperties:

 $ref: 'TS29522\_IPTVConfiguration.yaml#/components/schemas/MulticastAccessControl'

 minProperties: 1

 description: Identifies a list of multicast address access control information. Any string value can be used as a key of the map.

 suppFeat:

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

 resUri:

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

 required:

 - afAppId

 - multiAccCtrls

 oneOf:

 - required: [interGroupId]

 - required: [supi]

 ServiceParameterData:

 description: Represents the service parameter data.

 type: object

 properties:

 appId:

 type: string

 description: Identifies an application.

 dnn:

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

 snssai:

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

 interGroupId:

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

 supi:

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

 ueIpv4:

 $ref: 'TS29122\_CommonData.yaml#/components/schemas/Ipv4Addr'

 ueIpv6:

 $ref: 'TS29122\_CommonData.yaml#/components/schemas/Ipv6Addr'

 ueMac:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/MacAddr48'

 anyUeInd:

 type: boolean

 paramOverPc5:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParameterOverPc5'

 paramOverUu:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParameterOverUu'

 paramForProSeDd:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParamForProSeDd'

 paramForProSeDc:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParamForProSeDc'

 paramForProSeU2N:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParamForProSeU2N'

 paramForProSeUsageRep:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParamForProSeUsageRep'

 paramForProSeServPathSel:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/ParamForProSeServPathSel'

 urspInfluence:

 type: array

 items:

 $ref: 'TS29522\_ServiceParameter.yaml#/components/schemas/UrspRuleRequest'

 minItems: 1

 description: Contains the service parameter used to influence the URSP.

 suppFeat:

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

 resUri:

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

 AmInfluData:

 description: Represents the AM Influence Data.

 type: object

 properties:

 appId:

 type: string

 description: Identifies an application.

 dnn:

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

 ethTrafficFilters:

 type: array

 items:

 $ref: 'TS29514\_Npcf\_PolicyAuthorization.yaml#/components/schemas/EthFlowDescription'

 minItems: 1

 description: Identifies Ethernet packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 snssai:

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

 interGroupId:

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

 supi:

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

 anyUeInd:

 type: boolean

 description: Indicates whether the data is applicable for any UE.

 trafficFilters:

 type: array

 items:

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

 minItems: 1

 description: Identifies IP packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 startTime:

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

 endTime:

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

 evSubs:

 type: array

 items:

 type: object

 # The actual type definition will be included in TS 29.522

 # $ref: 'TS29522\_AMInfluence.yaml#/components/schemas/AmInfluEvent'

 minItems: 1

 thruReq:

 type: boolean

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

 covReq:

 type: string

 description: Indicates the service area coverage requirement.

 supportedFeatures:

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

 resUri:

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

 allOf:

 - anyOf:

 - required: [thruReq]

 - required: [covReq]

 - oneOf:

 - required: [supi]

 - required: [interGroupId]

 - required: [anyUeInd]

 AmInfluDataPatch:

 description: Represents the AM Influence Data that can be updated.

 type: object

 properties:

 appId:

 type: string

 description: Identifies an application.

 dnn:

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

 ethTrafficFilters:

 type: array

 items:

 $ref: 'TS29514\_Npcf\_PolicyAuthorization.yaml#/components/schemas/EthFlowDescription'

 minItems: 1

 description: Identifies Ethernet packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 snssai:

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

 interGroupId:

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

 supi:

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

 anyUeInd:

 type: boolean

 description: Indicates whether the data is applicable for any UE.

 trafficFilters:

 type: array

 items:

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

 minItems: 1

 description: Identifies IP packet filters. Either "trafficFilters" or "ethTrafficFilters" shall be included if applicable.

 startTime:

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

 endTime:

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

 evSubs:

 type: array

 items:

 type: object

 # The actual type definition will be included in TS 29.522

 # $ref: 'TS29522\_AMInfluence.yaml#/components/schemas/AmInfluEvent'

 minItems: 1

 thruReq:

 type: boolean

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

 covReq:

 type: string

 description: Indicates the service area coverage requirement.

 oneOf:

 - required: [supi]

 - required: [interGroupId]

 - required: [anyUeInd]

 ApplicationDataSubs:

 description: Identifies a subscription to application data change notification.

 type: object

 properties:

 notificationUri:

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

 dataFilters:

 type: array

 items:

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

 minItems: 1

 expiry:

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

 supportedFeatures:

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

 required:

 - notificationUri

 ApplicationDataChangeNotif:

 description: Contains changed application data for which notification was requested.

 type: object

 properties:

 iptvConfigData:

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

 pfdData:

 $ref: 'TS29551\_Nnef\_PFDmanagement.yaml#/components/schemas/PfdChangeNotification'

 bdtPolicyData:

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

 resUri:

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

 serParamData:

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

 amInfluData:

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

 required:

 - resUri

 DataFilter:

 description: Identifies a data filter.

 type: object

 properties:

 dataInd:

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

 dnns:

 type: array

 items:

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

 minItems: 1

 snssais:

 type: array

 items:

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

 minItems: 1

 internalGroupIds:

 type: array

 items:

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

 minItems: 1

 supis:

 type: array

 items:

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

 minItems: 1

 appIds:

 type: array

 items:

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

 minItems: 1

 ueIpv4s:

 type: array

 items:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/Ipv4Addr'

 minItems: 1

 ueIpv6s:

 type: array

 items:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/Ipv6Addr'

 minItems: 1

 ueMacs:

 type: array

 items:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/MacAddr48'

 minItems: 1

 required:

 - dataInd

 DataInd:

 anyOf:

 - type: string

 enum:

 - PFD

 - IPTV

 - BDT

 - SVC\_PARAM

 - AM

 - type: string

 description: >

 This string provides forward-compatibility with future

 extensions to the enumeration but is not used to encode

 content defined in the present version of this API.

 description: >

 Possible values are

 - PFD

 - IPTV

 - BDT

 - SVC\_PARAM

 - AM

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