**3GPP TSG-CT WG3 Meeting #135 *C3-243280***

**Hyderabad, IN, 27 - 31 May, 2024 (Revision of C3-24xxxx)**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **29.558** | **CR** | **0185** | **rev** | **-** | **Current version:** | **18.5.0** |  |
|  |
| *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:***  | Updates to Eees\_TrafficInfluenceEAS service |
|  |  |
| ***Source to WG:*** | Ericsson |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | EDGEAPP\_Ph2 |  | ***Date:*** | 2024-05-10 |
|  |  |  |  |  |
| ***Category:*** | **B** |  | ***Release:*** |  Rel-18 |
|  | *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-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)Rel-20 (Release 20)* |
|  |  |
| ***Reason for change:*** | SA6#60 agreed TS 23.558 CR 0613 adding more specific update requirement including add or delete target UEs which requires data model updates and adding related error handling. |
|  |  |
| ***Summary of change:*** | Update the data model and error handling in Eees\_TrafficInfluenceEAS API. |
|  |  |
| ***Consequences if not approved:*** | Not fully aligned with stage 2 requirement on supporting Eees\_TrafficInfluenceEAS API. |
|  |  |
| ***Clauses affected:*** | 8.12.3.2.3.1, 8.12.3.3.3.2, 8.12.3.3.3.3, 8.12.3.3.3.4, 8.12.5.1, 8.12.5.2.2, 8.12.5.2.3, 8.12.6.3, A.17 |
|  |  |
|  | **Y** | **N** |  |  |
| ***Other specs*** | **X** |  |  Other core specifications  | TS 23.558 CR 0613 |
| ***affected:*** |  | **X** |  Test specifications | TS/TR ... CR ...  |
| ***(show related CRs)*** |  | **X** |  O&M Specifications | TS/TR ... CR ...  |
|  |  |
| ***Other comments:*** | This CR introduces backwards compatible feature in the OpenAPI file of Eees\_TrafficInfluenceEAS API. |
|  |  |
| ***This CR's revision history:*** |  |

**Additional discussion(if needed):**

**Proposed changes:**

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

###### 8.12.3.2.3.1 POST

The POST method allows a service consumer to request the creation of an Application Traffic Influence Instance.

This method shall support the URI query parameters specified in table 8.12.3.2.3.1-1.

Table 8.12.3.2.3.1-1: URI query parameters supported by the POST method on this resource

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description | Applicability |
| n/a |  |  |  |  |  |

This method shall support the request data structures specified in table 8.12.3.2.3.1-2 and the response data structures and response codes specified in table 8.12.3.2.3.1-3.

Table 8.12.3.2.3.1-2: Data structures supported by the POST Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| AppTrafficInfluence | M | 1 | Represents the parameters to request the creation of an Application Traffic Influence Instance. |

Table 8.12.3.2.3.1-3: Data structures supported by the POST Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Responsecodes | Description |
| AppTrafficInfluence | M | 1 | 201 Created | Successful case. The application traffic influence is successfully created and a representation of the created "Individual Application Traffic Influence Instance" resource is returned.An HTTP "Location" header that contains the URI of the created "Individual Application Traffic Influence Instance" resource shall also be included. |
| ProblemDetails | O | 0..1 | 404 Not Found | (NOTE 2) |
| NOTE 1: The mandatory HTTP error status codes for the HTTP POST method listed in table 5.2.6-1 of 3GPP TS 29.122 [6] shall also apply.NOTE 2: Failure cases are described in clause 8.12.6.3. |

Table 8.12.3.2.3.1-4: Headers supported by the 201 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains the URI of the newly created resource, according to the structure: {apiRoot}/eees-tie/<apiVersion>/instances/{instanceId} |

\*\*\* 2nd Change \*\*\*

###### 8.12.3.3.3.2 PUT

This method requests modification of an existing Application Traffic Influence Instance.

This method shall support the URI query parameters specified in the table 8.12.3.3.3.2-1.

Table 8.12.3.3.3.2-1: URI query parameters supported by the PUT method on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| n/a |  |  |  |  |

This method shall support the request data structures specified in table 8.12.3.3.3.2-2 and the response data structures and response codes specified in table 8.12.3.3.3.2-3.

Table 8.12.3.3.3.2-2: Data structures supported by the PUT Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| AppTrafficInfluence | M | 1 | Request to update the Application Traffic Influence Instance. |

Table 8.12.3.3.3.2-3: Data structures supported by the PUT Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Responsecodes | Description |
| AppTrafficInfluence | M | 1 | 200 OK | The "Individual Application Traffic Influence Instance" resource is successfully updated and the updated representation of the resource is returned in the response. |
| n/a |  |  | 204 No Content | The Individual Application Traffic Influence Instance" resource is successfully modified. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection. The response shall include a Location header field containing an alternative URI of the resource located in an alternative EES.Redirection handling is described in clause 5.2.10 of TS 29.122 [6]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection. The response shall include a Location header field containing an alternative URI of the resource located in an alternative EES.Redirection handling is described in clause 5.2.10 of TS 29.122 [6]. |
| ProblemDetails | O | 0..1 | 404 Not Found | (NOTE 2) |
| NOTE 1: The manadatory HTTP error status codes for the PUT method listed in Table 5.2.6-1 of 3GPP TS 29.122 [6] shall also apply.NOTE 2: Failure cases are described in clause 8.12.6.3. |

Table 8.12.3.3.3.2-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative EES. |

Table 8.12.3.3.3.2-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative EES. |

\*\*\* 3rd Change \*\*\*

###### 8.12.3.3.3.3 PATCH

This method modifies an existing Application Traffic Influence Instance.

This method shall support the URI query parameters specified in the table 8.12.3.3.3.3-1.

Table 8.12.3.3.3.3-1: URI query parameters supported by the PATCH method on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| n/a |  |  |  |  |

This method shall support the request data structures specified in table 8.12.3.3.3.3-2 and the response data structures and response codes specified in table 8.12.3.3.3.3-3.

Table 8.12.3.3.3.3-2: Data structures supported by the PATCH Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| AppTrafficInfluencePatch | M | 1 | Request to modify the Application Traffic Influence Instance. |

Table 8.12.3.3.3.3-3: Data structures supported by the PATCH Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Responsecodes | Description |
| AppTrafficInfluence | M | 1 | 200 OK | The "Individual Application Traffic Influence Instance" resource is successfully modified and the updated representation of the resource is returned in the response |
| n/a |  |  | 204 No Content | The "Individual Application Traffic Influence Instance" resource is successfully modified. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection. The response shall include a Location header field containing an alternative URI of the resource located in an alternative EES.Redirection handling is described in clause 5.2.10 of TS 29.122 [6]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection. The response shall include a Location header field containing an alternative URI of the resource located in an alternative EES.Redirection handling is described in clause 5.2.10 of TS 29.122 [6]. |
| ProblemDetails | O | 0..1 | 404 Not Found | (NOTE 2) |
| NOTE 1: The manadatory HTTP error status codes for the PATCH method listed in Table 5.2.6-1 of 3GPP TS 29.122 [6] shall also apply.NOTE 2: Failure cases are described in clause 8.12.6.3. |

Table 8.12.3.3.3.3-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative EES. |

Table 8.12.3.3.3.3-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative EES. |

\*\*\* 4th Change \*\*\*

###### 8.12.3.3.3.4 DELETE

This method cancels an existing Application Traffic Influence Instance.

This method shall support the URI query parameters specified in table 8.12.3.3.3.4-1.

Table 8.12.3.3.3.4-1: URI query parameters supported by the DELETE method on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| n/a |  |  |  |  |

This method shall support the request data structures specified in table 8.12.3.3.3.4-2 and the response data structures and response codes specified in table 8.12.3.3.3.4-3.

Table 8.12.3.3.3.4-2: Data structures supported by the DELETE Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| n/a |  |  |  |

Table 8.12.3.3.3.4-3: Data structures supported by the DELETE Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Responsecodes | Description |
| n/a | M | 1 | 204 No Content | The "Individual Application Traffic Influence Instance" resource is successfully deleted. |
| n/a |  |  | 307 Temporary Redirect | Temporary redirection. The response shall include a Location header field containing an alternative URI of the resource located in an alternative EES.Redirection handling is described in clause 5.2.10 of TS 29.122 [6]. |
| n/a |  |  | 308 Permanent Redirect | Permanent redirection. The response shall include a Location header field containing an alternative URI of the resource located in an alternative EES.Redirection handling is described in clause 5.2.10 of TS 29.122 [6]. |
| ProblemDetails | O | 0..1 | 404 Not Found | (NOTE 2) |
| NOTE 1: The manadatory HTTP error status codes for the DELETE method listed in Table 5.2.6-1 of 3GPP TS 29.122 [6] shall also apply.NOTE 2: Failure cases are described in clause 8.12.6.3. |

Table 8.12.3.3.3.4-4: Headers supported by the 307 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative EES. |

Table 8.12.3.3.3.4-5: Headers supported by the 308 Response Code on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Data type | P | Cardinality | Description |
| Location | string | M | 1 | Contains an alternative URI of the resource located in an alternative EES. |

\*\*\* 5th Change \*\*\*

#### 8.12.5.1 General

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

Table 8.12.5.1-1 specifies the data types defined for the Eees\_TrafficInfluenceEAS API.

Table 8.12.5.1-1: Eees\_TrafficInfluenceEAS API specific Data Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Clause defined | Description | Applicability |
| AppTrafficInfluence | 8.12.5.2.2 | Represents the application traffic influence information. |  |
| AppTrafficInfluencePatch | 8.12.5.2.3 | Represents the parameters to request the modification of an application traffic influence instance. |  |

Table 8.12.5.1-2 specifies data types re-used by the Eees\_TrafficInfluenceEAS API from other specifications, including a reference to their respective specifications and when needed, a short description of their use within the Eees\_TrafficInfluenceEAS API.

Table 8.12.5.1-2: Eees\_TrafficInfluenceEAS API re-used Data Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Reference | Comments | Applicability |
|  |  |  |  |
| SupportedFeatures | 3GPP TS 29.571 [8] | Used to negotiate the applicability of optional features defined in table 8.12.7-1. |  |
| TargetUeIdentification | 8.6.5.2.8 | Indicates the target UE. |  |

\*\*\* 6th Change \*\*\*

##### 8.12.5.2.2 Type: AppTrafficInfluence

Table 8.12.5.2.2-1: Definition of type AppTrafficInfluence

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| requestorId | string | M | 1 | Contains the identifier of the service consumer that is sending the request. |  |
| tgtUes | array(TargetUeIdentification) | C | 1..N | Indicates the target UE(s).(NOTE 1) |  |
| addTgtUes | array(TargetUeIdentification) | C | 1..N | Indicates the target UE(s) to be added.(NOTE 2) |  |
| deleTgtUes | array(TargetUeIdentification) | C | 1..N | Indicates the target UE(s) to be deleted.(NOTE 2) |  |
| anyUe | boolean | C | 0..1 | Indicates whether the request applies to any UE.- "true": Indicates that the request applies to any UE.- "false": Indicates that the request does not apply to any UE.- The default value when this attribute is omitted is "false".(NOTE 1) (NOTE 2) |  |
| suppFeat | SupportedFeatures | C | 0..1 | Contains the list of supported features among the ones defined in clause 8.12.7.This parameter shall be provided if at least one feature is supported by the EAS. |  |
| NOTE 1: Either the "anyUe" attribute set to the value "true" or the "tgtUes" attribute shall be present in the Application Traffic Influence creation request. The "edgeUeId" attribute within the TargetUeIdentification data type is not applicable for the "tgtUes" attribute.NOTE 2: Either the "anyUe" attribute set to the value "true" or the "addTgtUes" and/or "deleTgtUes" attributes shall be present in the Application Traffic Influence update request. The "edgeUeId" attribute within the TargetUeIdentification data type is not applicable for the "addTgtUes" and "deleTgtUes" attributes. |

\*\*\* 7th Change \*\*\*

##### 8.12.5.2.3 Type: AppTrafficInfluencePatch

Table 8.12.5.2.3-1: Definition of type AppTrafficInfluencePatch

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
|  |  |  |  |  |  |
| addTgtUes | array(TargetUeIdentification) | O | 1..N | Indicates the target UE(s) to be added.(NOTE) |  |
| deleTgtUes | array(TargetUeIdentification) | O | 1..N | Indicates the target UE(s) to be deleted.(NOTE) |  |
| anyUe | boolean | O | 0..1 | Indicates whether the request applies to any UE.- "true": Indicates that the request applies to any UE.- "false": Indicates that the request does not apply to any UE.(NOTE) |  |
| NOTE: Either the "anyUe" attribute set to the value "true" or the "addTgtUes" and/or "deleTgtUes" attributes may be present. If the "anyUe" attribute is present and set to the "true" and the existing resource representation contains the "tgtUes" attribute, then the "tgtUes" attribute shall be deleted from the resource representation. If the "addTgtUes" and/or "deleTgtUes" attributes is present and the existing resource representation contains the "anyUe" attribute set to "true", the "anyUe" attribute shall either be deleted from the resource representation or its value changed to "false". |

\*\*\* 8th Change \*\*\*

#### 8.12.6.3 Application Errors

The application errors defined for the Eees\_TrafficInfluenceEAS API are listed in Table 8.12.6.3-1.

Table 8.12.6.3-1: Application errors

|  |  |  |  |
| --- | --- | --- | --- |
| Application Error | HTTP status code | Description | Applicability |
| UE\_ID\_NOT\_AVAILABLE | 404 Not Found | Indicates that the AF specific UE ID is not available. |  |
| UE\_NOT\_FOUND | 404 Not Found | Indicates that the requested UE address is not found. |  |

\*\*\* 9th Change \*\*\*

# A.17 Eees\_TrafficInfluenceEAS API

openapi: 3.0.0

info:

 title: EES Application Traffic Influence Service

 version: 1.0.0-alpha.1

 description: |

 EES Application Traffic Influence Service.

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externalDocs:

 description: >

 3GPP TS 29.558 V18.5.0; Enabling Edge Applications;

 Application Programming Interface (API) specification; Stage 3.

 url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.558/

security:

 - {}

 - oAuth2ClientCredentials: []

servers:

 - url: '{apiRoot}/eees-tie/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 5.2.4 of 3GPP TS 29.122

paths:

 /instances:

 post:

 summary: Create application traffic influence trigger from EAS.

 operationId: CreateTraffInfluInstance

 tags:

 - Traffic Influence (Document)

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '201':

 description: Create a new individual Application Traffic Influence Instance.

 headers:

 Location:

 description: Contains the URI of the newly created resource.

 required: true

 schema:

 type: string

 content:

 application/json:

 schema:

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

 '400':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/401'

 '403':

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

 '404':

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

 '411':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/503'

 default:

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

 /instances/{instanceId}:

 parameters:

 - name: instanceId

 in: path

 description: Instance Id.

 required: true

 schema:

 type: string

 get:

 summary: Read an Individual Application Traffic Influence Instance.

 operationId: GetIndTraffInfluInstance

 tags:

 - Individual ACR Management Events Subscription (Document)

 responses:

 '200':

 description: OK. The Individual Application Traffic Influence Instance is returned.

 content:

 application/json:

 schema:

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

 '307':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/307'

 '308':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/308'

 '400':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/401'

 '403':

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

 '404':

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

 '406':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/406'

 '429':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/503'

 default:

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

 put:

 summary: Update an Individual Application Traffic Influence Instance.

 operationId: UpdateIndTraffInfluInstance

 tags:

 - Individual Traffic Influence Instance (Document)

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: >

 The Individual Application Traffic Influence Instance is successfully modified and the

 representation of the updated resource is returned in the response body.

 content:

 application/json:

 schema:

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

 '204':

 description: No Content.

 '307':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/307'

 '308':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/308'

 '400':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/401'

 '403':

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

 '404':

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

 '411':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/503'

 default:

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

 patch:

 summary: Modify an Individual Application Traffic Influence Instance.

 operationId: ModifyIndTraffInfluInstance

 tags:

 - Individual Traffic Influence Instance (Document)

 requestBody:

 required: true

 content:

 application/merge-patch+json:

 schema:

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

 responses:

 '200':

 description: >

 The Individual Application Traffic Influence Instance is successfully modified and the

 representation of the updated resource is returned in the response.

 content:

 application/json:

 schema:

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

 '204':

 description: No Content.

 '307':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/307'

 '308':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/308'

 '400':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/401'

 '403':

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

 '404':

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

 '411':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/411'

 '413':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/413'

 '415':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/415'

 '429':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/503'

 default:

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

 delete:

 summary: Delete an Individual Traffic Influence Instance.

 operationId: DeleteIndTraffInfluInstance

 tags:

 - Individual Traffic Influence Instance (Document)

 responses:

 '204':

 description: >

 The Individual Traffic Influence Instance is successfully deleted.

 '307':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/307'

 '308':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/308'

 '400':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/400'

 '401':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/401'

 '403':

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

 '404':

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

 '429':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/429'

 '500':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/500'

 '503':

 $ref: 'TS29122\_CommonData.yaml#/components/responses/503'

 default:

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

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

 AppTrafficInfluence:

 description: >

 Represents the application traffic influence information.

 type: object

 properties:

 requestorId:

 type: string

 description: Contains the identifier of the service consumer that is sending the request.

 tgtUes:

 type: array

 items:

 $ref: 'TS29558\_Eees\_ACRManagementEvent.yaml#/components/schemas/TargetUeIdentification'

 minItems: 1

 addTgtUes:

 type: array

 items:

 $ref: 'TS29558\_Eees\_ACRManagementEvent.yaml#/components/schemas/TargetUeIdentification'

 minItems: 1

 deleTgtUes:

 type: array

 items:

 $ref: 'TS29558\_Eees\_ACRManagementEvent.yaml#/components/schemas/TargetUeIdentification'

 minItems: 1

 anyUe:

 type: boolean

 description: >

 Indicates whether the request applies to any UE.

 true indicates that the request applies to any UE.

 False indicates that the request does not apply to any UE.

 The default value when this attribute is omitted is false.

 suppFeat:

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

 AppTrafficInfluencePatch:

 description: >

 Represents the update of application traffic influence information.

 type: object

 properties:

 addTgtUes:

 type: array

 items:

 $ref: 'TS29558\_Eees\_ACRManagementEvent.yaml#/components/schemas/TargetUeIdentification'

 minItems: 1

 deleTgtUes:

 type: array

 items:

 $ref: 'TS29558\_Eees\_ACRManagementEvent.yaml#/components/schemas/TargetUeIdentification'

 minItems: 1

 anyUe:

 type: boolean

 description: >

 Indicates whether the request applies to any UE.

 true indicates that the request applies to any UE.

 False indicates that the request does not apply to any UE.

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