**3GPP TSG- WG3 Meeting # *750***

**, - , August, 2022** *(revision of C3-224abc)*

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  |  | **CR** | **8** | **rev** | - | **Current version:** |  |  |
|  |
| *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:***  | Update of info and externalDocs fields |
|  |  |
| ***Source to WG:*** |  |
| ***Source to TSG:*** |  |
|  |  |
| ***Work item code:*** | TEI17 |  | ***Date:*** | 2022-08-29 |
|  |  |  |  |  |
| ***Category:*** |  |  | ***Release:*** |  |
|  | *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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | CRs modifying the EDEGAPP APIs have been agreed and the version number of the corresponding OpenAPI file thus needs to be incremented following the rules in TS 29.501, subclause 4.3.1.The following are the agreed CRs that update the various EDGEAPP OpenAPI files for the present release: Eees\_ACRManagementEvent API  - CR#0014 - Backward compatible correction Eees\_EECContextRelocation API  - CR#0008 - Backward compatible correction Eees\_EELManagedACR API  - CR#0009 - Backward compatible Correction Eees\_ACRStatusUpdate API  - CR#0006 - Backward compatible Correction Eecs\_EESRegistration API  - CR#0015 - Backward compatible correctionAs the changes are Backward compatible corrections, the PATCH number of the API’s version need to be incremented.Since a new TS version will be provided with changes to the OpenAPI specification file, the TS version number included in the "description" field of the "externalDocs" object also needs to be updated. |
|  |  |
| ***Summary of change:*** | The EDGEAPP APIs version is updated as* Eees\_EECContextRelocation API set to value "1.0.1".
* Eees\_EELManagedACR API set to value "1.0.1".
* Eees\_ACRManagementEvent API set to value "1.0.1".
* Eees\_ACRStatusUpdate API set to value "1.0.1".
* Eecs\_EESRegistration API set to value "1.0.1".

For all the impacted Open APIs, * The TS version number in the "description" field of the "externalDocs" object is changed to "17.1.0".
 |
|  |  |
| ***Consequences if not approved:*** | Incorrect API version number and incorrect TS version number in the "description" field of the "externalDocs" object. |
|  |  |
| ***Clauses affected:*** | A.7, A.8, A.9, A.10, A.11 |
|  |  |
|  | **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's revision history:*** |  |

\* \* \* \* First Change \* \* \* \*

# A.7 Eees\_ACRManagementEvent API

openapi: 3.0.0

info:

 title: EES ACR Management Event\_API

 description: |

 API for EES ACR Management Event.

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 version: 1.0.1

externalDocs:

 description: >

 3GPP TS 29.558 V17.1.0 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-acrmgntevent/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 7.5 of 3GPP TS 29.558.

paths:

 /subscriptions:

 post:

 description: Create an Individual ACR Management Event Subscription resource.

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 callbacks:

 ACRManagementEventsNotification:

 '{request.body#/notificationDestination}':

 post:

 requestBody: # contents of the callback message

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '204':

 description: No Content (successful notification)

 '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'

 UPPathChangeAvailabilityNotif:

 '{request.body#/notificationDestination}/report-availability':

 post:

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '204':

 description: No Content. The notification is successful received.

 '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'

 responses:

 '201':

 description: Created (Successful creation)

 content:

 application/json:

 schema:

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

 headers:

 Location:

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

 required: true

 schema:

 type: string

 '204':

 description: >

 Successful case. The resource has been successfully created and no

 additional content is to be sent in the response message.

 '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'

 get:

 description: Retrieve all the ACR Management Events Subscriptions information.

 parameters:

 - name: supp-feat

 in: query

 description: Features supported by the EAS.

 required: false

 schema:

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

 responses:

 '200':

 description: OK (Successful get all of the active subscriptions)

 content:

 application/json:

 schema:

 type: array

 items:

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

 minItems: 1

 description: All the active ACR management events subscriptions

 '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'

 /subscriptions/{subscriptionId}:

 get:

 description: Retrieve an Individual ACR Management Events Subscription.

 parameters:

 - name: subscriptionId

 in: path

 description: Subscription Id.

 required: true

 schema:

 type: string

 - name: supp-feat

 in: query

 description: Features supported by the EAS.

 required: false

 schema:

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

 responses:

 '200':

 description: OK (Successful get the active subscription).

 content:

 application/json:

 schema:

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

 '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:

 description: Fully replace an existing Individual ACR Management Events Subscription.

 parameters:

 - name: subscriptionId

 in: path

 description: Subscription Id.

 required: true

 schema:

 type: string

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: OK (Successful get the active subscription).

 content:

 application/json:

 schema:

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

 '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:

 parameters:

 - name: subscriptionId

 in: path

 description: Subscription Id.

 required: true

 schema:

 type: string

 requestBody:

 description: Partial update an existing Individual ACR Management Events Subscription.

 required: true

 content:

 application/merge-patch+json:

 schema:

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

 responses:

 '200':

 description: >

 The Individual ACR Management Events Subscription is successfully modified

 and the updated subscription information is returned in the response.

 content:

 application/json:

 schema:

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

 '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:

 description: Delete an existing Individual ACR Management Events Subscription.

 parameters:

 - name: subscriptionId

 in: path

 description: Subscription Id.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The individual subscription is 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

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

 AcrMgntEventsSubscription:

 type: object

 description: Represents an Individual ACR Management Events Subscription.

 properties:

 self:

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

 easId:

 type: string

 description: Identifier of an EAS.

 eventSubscs:

 type: array

 items:

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

 minItems: 1

 description: The subscribed ACR management events.

 evtReq:

 $ref: 'TS29523\_Npcf\_EventExposure.yaml#/components/schemas/ReportingInformation'

 notificationDestination:

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

 eventReports:

 type: array

 items:

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

 minItems: 1

 description: The ACR management event report(s).

 failEventReports:

 type: array

 items:

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

 minItems: 1

 description: Failure event reports.

 requestTestNotification:

 type: boolean

 description: >

 Set to true by the EAS to request the EES to send a test notification.

 Set to false or omitted otherwise.

 websockNotifConfig:

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

 suppFeat:

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

 required:

 - easId

 - eventSubscs

 - notificationDestination

 AcrMgntEventSubsc:

 type: object

 description: Represents an ACR Management Event Subscription.

 properties:

 event:

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

 eventFilter:

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

 evtReq:

 $ref: 'TS29523\_Npcf\_EventExposure.yaml#/components/schemas/ReportingInformation'

 tgtUeId:

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

 dnaiChgType:

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

 easAckInd:

 type: boolean

 easChars:

 type: array

 items:

 $ref: 'TS24558\_Eees\_EASDiscovery.yaml#/components/schemas/EasCharacteristics'

 minItems: 1

 description: A list of EAS characteristics.

 required:

 - event

 AcrMgntEventsSubscriptionPatch:

 type: object

 description: >

 Represents a modification request of Individual ACR Management Events Subscription.

 properties:

 eventSubscs:

 type: array

 items:

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

 minItems: 1

 description: The subscribed ACR management events.

 evtReq:

 $ref: 'TS29523\_Npcf\_EventExposure.yaml#/components/schemas/ReportingInformation'

 notificationDestination:

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

 AcrMgntEventsNotification:

 type: object

 description: Represents the ACR management events notification.

 properties:

 subpId:

 type: string

 description: >

 String identifying the Individual ACR Management Events Subscription

 for which the notification is delivered.

 eventReports:

 type: array

 items:

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

 minItems: 1

 description: A list of ACR management event reports.

 required:

 - subpId

 - eventReports

 AcrMgntEventReport:

 type: object

 description: Represents an ACR management event report.

 properties:

 event:

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

 timeStamp:

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

 upPathChgInfo:

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

 easEndPoint:

 $ref: 'TS29558\_Eees\_EASRegistration.yaml#/components/schemas/EndPoint'

 actStatus:

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

 required:

 - event

 FailureAcrMgntEventInfo:

 type: object

 description: Represents a failure ACR management event.

 properties:

 event:

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

 failureCode:

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

 required:

 - event

 - failureCode

 TargetUeIdentification:

 description: Identifies the target UE information.

 type: object

 properties:

 gpsi:

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

 intGrpId:

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

 extGrpId:

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

 ueIpAddr:

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

 oneOf:

 - required: [gpsi]

 - required: [intGrpId]

 - required: [extGrpId]

 - required: [ueIpAddr]

 AvailabilityNotif:

 type: object

 description: >

 Represents the availability information of user plane path management events monitoring

 via the 3GPP 5GC network.

 properties:

 availabilityStatus:

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

 required:

 - availabilityStatus

 UpPathChangeInfo:

 description: Represents user plane path change information.

 type: object

 properties:

 ueId:

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

 dnaiChgType:

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

 sourceTrafficRoute:

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

 targetTrafficRoute:

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

 sourceDnai:

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

 targetDnai:

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

 srcUeIpv4Addr:

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

 srcUeIpv6Prefix:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/Ipv6Prefix'

 tgtUeIpv4Addr:

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

 tgtUeIpv6Prefix:

 $ref: 'TS29571\_CommonData.yaml#/components/schemas/Ipv6Prefix'

 required:

 - ueId

 - dnaiChgType

 IndUeIdentification:

 description: Represents identification information of a UE.

 type: object

 properties:

 gpsi:

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

 externalId:

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

 ueIpAddr:

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

 oneOf:

 - required: [gpsi]

 - required: [externalId]

 - required: [ueIpAddr]

 AcrMgntEvent:

 anyOf:

 - type: string

 enum:

 - UP\_PATH\_CHG

 - ACR\_MONITORING

 - ACR\_FACILITATION

 - ACT\_START\_STOP

 - type: string

 description: >

 This string represents the ACR management.

 description: |

 Possible values are:

 - UP\_PATH\_CHG: User plane path change event.

 - ACR\_MONITORING: ACR monitoring event.

 - ACR\_FACILITATION: ACR facilitation event.

 - ACT\_START\_STOP: ACT start/stop event.

 AcrMgntEventFilter:

 anyOf:

 - type: string

 enum:

 - INTRA\_EDN\_MOBILITY

 - INTER\_EDN\_MOBILITY

 - type: string

 description: >

 This string represents the ACR Management Event filter.

 description: |

 Possible values are:

 - INTRA\_EDN\_MOBILITY: Indicates that the ACR Management Event filter is intra-EDN mobility.

 - INTER\_EDN\_MOBILITY: Indicates that the ACR Management Event filter is inter-EDN mobility.

 ActStatus:

 anyOf:

 - type: string

 enum:

 - ACT\_START

 - ACT\_STOP

 - type: string

 description: >

 This string represents the ACT status, i.e. ACT start or stop.

 description: |

 Possible values are:

 - ACT\_START: Indicates ACT start.

 - ACT\_STOP: Indicates ACT stop.

 AcrMgntEventFailureCode:

 anyOf:

 - type: string

 enum:

 - 3GPP\_UP\_PATH\_CHANGE\_MON\_NOT\_AVAILABLE

 - OTHER\_REASONS

 - type: string

 description: >

 This string represents the reason for ACR Management subscription failure for an event.

 description: |

 Possible values are:

 - 3GPP\_UP\_PATH\_CHANGE\_MON\_NOT\_AVAILABLE: Indicates that the ACR Management Event Subscription failed because user plane path management event notifications from the 3GPP network is NOT available. This value is only applicable for the "UP\_PATH\_CHG", "ACR\_MONITORING" and "ACR\_FACILITATION" events.

 - OTHER\_REASONS: Indicates that the ACR Management Event Subscription failed for other reasons. This value is applicable for all events.

 AvailabilityStatus:

 anyOf:

 - type: string

 enum:

 - AVAILABLE

 - NOT\_AVAILABLE

 - type: string

 description: >

 This string represents the availability status.

 description: |

 Possible values are:

 - AVAILABLE: Indicates availability.

 - NOT\_AVAILABLE: Indicates unavailability.

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

# A.8 Eees\_EECContextRelocation API

openapi: 3.0.0

info:

 title: EES EEC Context Relocation API

 description: |

 API for EEC Context Relocation.

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 version: 1.0.1

externalDocs:

 description: >

 3GPP TS 29.558 V17.1.0 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-eeccontextreloc/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 7.5 of 3GPP TS 29.558.

paths:

 /eec-contexts:

 post:

 description: S-EES transfers the EEC context information to T-EES.

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: >

 OK. The EEC context has been successfully transferred to the T-EES and

 the EEC is implicitly registered.

 content:

 application/json:

 schema:

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

 '204':

 description: No Content. The EEC context has been successfully transferred to the T-EES.

 '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'

 get:

 description: T-EES pulls an EEC context information from S-EES.

 parameters:

 - name: ees-id

 in: query

 description: Unique identifier of the requesting EES.

 required: true

 schema:

 type: string

 - name: eec-cntx-id

 in: query

 description: Unique identifier of the EEC context.

 required: true

 schema:

 type: string

 - name: sess-cntxs

 in: query

 description: List of service session context information being requested.

 required: false

 schema:

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

 responses:

 '200':

 description: >

 OK (The EEC context information matching the input parameters in the request

 is returned by the S-EES).

 content:

 application/json:

 schema:

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

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

 SessionContexts:

 type: object

 description: Represents the list of service session contexts information.

 properties:

 sessCntxs:

 type: array

 items:

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

 minItems: 1

 description: List of service session contexts information.

 required:

 - sessCntxs

 IndividualSessionContext:

 type: object

 description: Represents a single service session context information.

 properties:

 easId:

 type: string

 description: Identifier of the EAS providing the application services.

 endPt:

 $ref: 'TS29558\_Eees\_EASRegistration.yaml#/components/schemas/EndPoint'

 acId:

 type: string

 description: Identifier of the AC for which the service session information is provided.

 required:

 - easId

 - endPt

 EECContextPush:

 type: object

 description: Represents the EEC context push request data.

 properties:

 eesId:

 type: string

 description: Identifier of the S-EES pushing the EEC context information.

 eecCntx:

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

 required:

 - eesId

 - eecCntx

 EECContextPushRes:

 type: object

 description: Represents the EEC context push response data.

 properties:

 implReg:

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

 ImplicitRegDetails:

 type: object

 description: Represents the EEC implicit registration details.

 properties:

 regId:

 type: string

 description: Identifier of the EEC registration.

 expTime:

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

 required:

 - regId

 EECContext:

 type: object

 description: Represents the EEC context information.

 properties:

 eecId:

 type: string

 description: Unique idenitfier of the EEC.

 cntxId:

 type: string

 description: Unique idenitfier assigned to the EEC context.

 ueId:

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

 subs:

 type: array

 items:

 type: string

 minItems: 1

 description: List of subscription IDs for the capability expsoure for the EEC ID.

 ueLoc:

 $ref: 'TS29122\_CommonData.yaml#/components/schemas/LocationArea5G'

 acProfs:

 type: array

 items:

 $ref: 'TS24558\_Eees\_EECRegistration.yaml#/components/schemas/ACProfile'

 minItems: 1

 description: List AC profiles.

 sessCntxs:

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

 required:

 - eecId

 - cntxId

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

# A.9 Eees\_EELManagedACR API

openapi: 3.0.0

info:

 title: EES EEL Managed ACR Service

 version: 1.0.1

 description: |

 EES EEL Managed ACR Service.

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externalDocs:

 description: >

 3GPP TS 29.558 V17.1.0; 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-eel-acr/v1'

 variables:

 apiRoot:

 default: https://example.com

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

paths:

 /request-eelacr:

 post:

 summary: Request the EES (e.g. S-EES) to handle all the operations of an ACR.

 operationId: RequestEELManagedACR

 tags:

 - Request EEL Managed ACR

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: >

 The requested EEL Managed ACR initiation was successfully received and

 processed. The response body contains the feedback of the EES.

 content:

 application/json:

 schema:

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

 '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'

 /subscriptions:

 get:

 summary: Retrieve all the active ACT Status Subscriptions managed by the EES.

 operationId: GetACTStatusSubscriptions

 tags:

 - ACT Status Subscriptions (Collection)

 responses:

 '200':

 description: >

 OK. All the active ACT status subscriptions managed by the EES shall

 be returned.

 content:

 application/json:

 schema:

 type: array

 items:

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

 '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'

 post:

 summary: Request the creation of a subscription to ACT status reporting.

 operationId: CreateACTStatusSubsc

 tags:

 - ACT Status Subscriptions (Collection)

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: >

 OK. The subscription is successfully created and a representation of the

 created Individual ACT Status Subscription resource shall be returned.

 content:

 application/json:

 schema:

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

 headers:

 Location:

 description: >

 Contains the URI of the created Individual ACT Status Subscription resource.

 required: true

 schema:

 type: string

 '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'

 callbacks:

 ACTStatusNotification:

 '{$request.body#/notificationUri}/act-status':

 post:

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '204':

 description: >

 No Content. The ACT status notification is successfully received

 and acknowledged.

 '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'

 /subscriptions/{subscriptionId}:

 get:

 summary: Retrieve an ACT status subscription resource.

 operationId: GetACTStatusSubscription

 tags:

 - Individual ACT Status Subscription (Document)

 parameters:

 - name: subscriptionId

 in: path

 description: Individual ACT Status Subscription identifier.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: >

 OK. The requested real-time UAV status subscription resource is returned.

 content:

 application/json:

 schema:

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

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

 EELACRReq:

 description: >

 Represents the parameters to request the EES (e.g. S-EES) to handle all the

 operations of an ACR.

 type: object

 properties:

 ueId:

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

 easCharacs:

 type: array

 items:

 $ref: 'TS24558\_Eees\_EASDiscovery.yaml#/components/schemas/EasCharacteristics'

 minItems: 1

 appCtxtStoreAddr:

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

 suppFeat:

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

 required:

 - ueId

 - easCharacs

 EELACRResp:

 description: Represents the feedback of the EES on EEL Managed ACR request.

 type: object

 properties:

 appCtxtStoreAddr:

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

 suppFeat:

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

 ACTStatusSubsc:

 description: >

 Represents the parameters to request the creation of a subscription to ACT

 status reporting.

 type: object

 properties:

 easId:

 type: string

 notificationUri:

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

 suppFeat:

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

 required:

 - easId

 - notificationUri

 ACTStatusNotif:

 description: Represents an ACT status notification.

 type: object

 properties:

 subscriptionId:

 type: string

 actStatus:

 $ref: 'TS29558\_Eees\_ACRStatusUpdate.yaml#/components/schemas/ACTResult'

# ENUMS:

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

# A.10 Eees\_ACRStatusUpdate API

openapi: 3.0.0

info:

 title: EES ACR Status Update Service

 version: 1.0.1

 description: |

 EES ACR Status Update Service.

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externalDocs:

 description: >

 3GPP TS 29.558 V17.1.0; 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-acrstatus-update/v1'

 variables:

 apiRoot:

 default: https://example.com

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

paths:

 /request-acrupdate:

 post:

 summary: Request to update the information related to ACR (e.g. indicate the status of ACT, update the notification target address).

 operationId: RequestACRUpdate

 tags:

 - Request ACR Update

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: >

 The communicated ACR update information was successfully received.

 The response body contains the feedback of the EES.

 content:

 application/json:

 schema:

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

 '204':

 description: >

 No Content. The communicated ACR update information was successfully

 received.

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

 ACRUpdateData:

 description: >

 Represents the parameters to update the information related to ACR (e.g. indicate

 the status of ACT, update the notification target address).

 type: object

 properties:

 easId:

 type: string

 acId:

 type: string

 actResultInfo:

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

 e3SubscIds:

 type: array

 items:

 type: string

 minItems: 1

 e3NotificationUri:

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

 required:

 - easId

 anyOf:

 - required: [actResultInfo]

 - required: [e3SubscIds]

 - required: [e3NotificationUri]

 ACRDataStatus:

 description: Represents the ACR status information.

 type: object

 properties:

 e3SubscsStatus:

 $ref: '#/components/schemas/E3SubscsStatus'

 e3SubscIds:

 type: array

 items:

 type: string

 minItems: 1

 anyOf:

 - required: [e3SubscsStatus]

 - required: [e3SubscIds]

 ACTResultInfo:

 description: Represents the result of ACT and the related information.

 type: object

 properties:

 actResult:

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

 actFailureCause:

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

 ueId:

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

 easEndPoint:

 $ref: 'TS29558\_Eees\_EASRegistration.yaml#/components/schemas/EndPoint'

 required:

 - actResult

# ENUMS:

 ACTResult:

 anyOf:

 - type: string

 enum:

 - SUCCESSFUL

 - FAILED

 - type: string

 description: >

 This string represents the result of ACT.

 description: |

 Possible values are:

 - SUCCESSFUL: Indicates that the ACT was successful.

 - FAILED: Indicates that the ACT failed.

 E3SubscsStatus:

 anyOf:

 - type: string

 enum:

 - SUCCESSFUL

 - FAILED

 - type: string

 description: >

 This string represents the status of the initialization of EDGE-3 subscriptions.

 description: |

 Possible values are:

 - SUCCESSFUL: Indicates that the initialization of EDGE-3 subscriptions was successful.

 - FAILED: Indicates that the initialization of EDGE-3 subscriptions failed.

 ACTFailureCause:

 anyOf:

 - type: string

 enum:

 - ACR\_CANCELLATION

 - OTHER

 - type: string

 description: This string represents the cause of ACT failure.

 description: |

 Possible values are:

 - ACR\_CANCELLATION: Indicates that the ACT failed due to the cancellation of the ACR.

 - OTHER: Indicates that the ACT failed for other reasons.

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

# A.11 Eecs\_EESRegistration API

openapi: 3.0.0

info:

 title: ECS EES Registration\_API

 description: |

 API for EES Registration.

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 version: 1.0.1

externalDocs:

 description: >

 3GPP TS 29.558 V17.1.0 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}/eecs-eesregistration/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 7.5 of 3GPP TS 29.558.

paths:

 /registrations:

 post:

 description: Registers a new EES at the Edge Configuration Server.

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '201':

 description: EES information is registered successfully at ECS.

 content:

 application/json:

 schema:

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

 headers:

 Location:

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

 required: true

 schema:

 type: string

 '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'

 /registrations/{registrationId}:

 get:

 description: Retrieve an Individual EES registration resource.

 parameters:

 - name: registrationId

 in: path

 description: Registration Id.

 required: true

 schema:

 type: string

 responses:

 '200':

 description: OK (The EES registration information at the Edge Configuration Server).

 content:

 application/json:

 schema:

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

 '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:

 description: Fully replace an existing EES Registration resource.

 parameters:

 - name: registrationId

 in: path

 description: EES Registration Id.

 required: true

 schema:

 type: string

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: OK (The EES registration information is updated successfully).

 content:

 application/json:

 schema:

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

 '204':

 description: >

 No Content. The individual EES registration information is updated successfully.

 '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:

 description: Partially update an existing EES Registration resource.

 parameters:

 - name: registrationId

 in: path

 description: EES registration Id.

 required: true

 schema:

 type: string

 requestBody:

 description: Partial update an existing EES registration resource.

 required: true

 content:

 application/merge-patch+json:

 schema:

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

 responses:

 '200':

 description: >

 The Individual EES registration is successfully modified and

 the updated registration information is returned in the response.

 content:

 application/json:

 schema:

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

 '204':

 description: >

 No Content. The individual EES registration information is updated successfully.

 '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:

 description: Delete an existing EES registration at ECS.

 parameters:

 - name: registrationId

 in: path

 description: Registration Id.

 required: true

 schema:

 type: string

 responses:

 '204':

 description: The individual EES registration is 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:

 EESRegistration:

 type: object

 description: Represents an EES registration information.

 properties:

 eesProf:

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

 expTime:

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

 suppFeat:

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

 required:

 - eesProf

 EESProfile:

 type: object

 description: Represents the EES profile information.

 properties:

 eesId:

 type: string

 description: Identifier of the EES.

 endPt:

 $ref: 'TS29558\_Eees\_EASRegistration.yaml#/components/schemas/EndPoint'

 easIds:

 type: array

 items:

 type: string

 minItems: 1

 description: Identities of EASs that are registered with EES.

 provId:

 type: string

 description: Identifier of the ECSP that provides the EES provider.

 svcArea:

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

 appLocs:

 type: array

 items:

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

 minItems: 1

 description: List of DNAI(s) associated with the EES.

 svcContSupp:

 type: array

 items:

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

 minItems: 1

 description: The ACR scenarios supported by the EES for service continuity.

 eecRegConf:

 type: boolean

 description: >

 Set to true if the EEC is required to register to the EES to use edge service.

 Set to false if the EEC is not required to register to use edge services.

 required:

 - eesId

 - endPt

 - eecRegConf

 EESRegistrationPatch:

 type: object

 description: Represents partial update request of individual EES registration information.

 properties:

 eesProf:

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

 expTime:

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

 ServiceArea:

 type: object

 description: Represents a service area information of the EdgeApp entity.

 properties:

 topServAr:

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

 geoServAr:

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

 TopologicalServiceArea:

 type: object

 description: Represents topological service area information.

 properties:

 ecgis:

 type: array

 items:

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

 minItems: 1

 description: A list of E-UTRA cell identities.

 ncgis:

 type: array

 items:

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

 minItems: 1

 description: A list of NR cell identities.

 tais:

 type: array

 items:

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

 minItems: 1

 description: A list of tracking area identities.

 plmnIds:

 type: array

 items:

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

 minItems: 1

 description: A list of PLMN identities.

 GeographicalServiceArea:

 type: object

 description: Represents geographical service area information.

 properties:

 geoArs:

 type: array

 items:

 $ref: 'TS29572\_Nlmf\_Location.yaml#/components/schemas/GeographicArea'

 minItems: 1

 description: A list of geographic area information.

 civicAddrs:

 type: array

 items:

 $ref: 'TS29572\_Nlmf\_Location.yaml#/components/schemas/CivicAddress'

 minItems: 1

 description: A list of civic address information.

 ACRScenario:

 anyOf:

 - type: string

 enum:

 - EEC\_INITIATED

 - EEC\_EXECUTED\_VIA\_SOURCE\_EES

 - EEC\_EXECUTED\_VIA\_TARGET\_EES

 - SOURCE\_EAS\_DECIDED

 - SOURCE\_EES\_EXECUTED

 - EEL\_MANAGED\_ACR

 - 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:

 - EEC\_INITIATED: Represents the EEC initiated ACR scenario.

 - EEC\_EXECUTED\_VIA\_SOURCE\_EES: Represents the EEC ACR scenario executed via the S-EES.

 - EEC\_EXECUTED\_VIA\_TARGET\_EES: Represents the EEC ACR scenario executed via the T-EES.

 - SOURCE\_EAS\_DECIDED: Represents the EEC ACR scenario where the S-EAS decides to perform ACR.

 - SOURCE\_EES\_EXECUTED: Represents the EEC ACR scenario where S-EES executes the ACR.

 - EEL\_MANAGED\_ACR: Represents the EEC ACR scenario where the ACR is managed by the Edge Enabler Layer.

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