**3GPP TSG-CT WG3 Meeting #130 *C3-234092***

**Xiamen, China, 9 - 13 October, 2023**

|  |
| --- |
| *CR-Form-v12.2* |
| **CHANGE REQUEST** |
|  |
|  | **29.538** | **CR** | **0031** | **rev** | **1** | **Current version:** | **17.2.0** |  |
|  |
| *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 | **x** | Radio Access Network |  | Core Network | **x** |

|  |
| --- |
|  |
| ***Title:***  | Correction on the openAPI files |
|  |  |
| ***Source to WG:*** | Huawei, HiSilicon, China Mobile, Ericsson |
| ***Source to TSG:*** | CT3 |
|  |  |
| ***Work item code:*** | 5GMARCH |  | ***Date:*** | 2023-09-27 |
|  |  |  |  |  |
| ***Category:*** | **F** |  | ***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-16 (Release 16)Rel-17 (Release 17)Rel-18 (Release 18)Rel-19 (Release 19)* |
|  |  |
| ***Reason for change:*** | The API in this specification will not be registered into the NRF. |
|  |  |
| ***Summary of change:*** | Correction on the clientCredentials of openAPI files |
|  |  |
| ***Consequences if not approved:*** | The API in this specification cannot be registered into the NRF, current openAPI files are incorrect. |
|  |  |
| ***Clauses affected:*** | A.2, A.3, A.4, A.5 |
|  |  |
|  | **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:*** | The CR introduces backward compatible corrections into the OpenAPI files for MSGS\_ASRegistration API, MSGS\_MSGDelivery API, MSGG\_L3GDelivery API and MSGG\_N3GDelivery API |
|  |  |
| ***This CR's revision history:*** |  |

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

A.2 MSGS\_ASRegistration API

openapi: 3.0.0

info:

 title: MSGS\_ASRegistration

 version: 1.0.0

 description: |

 API for MSGS AS Registration Service.

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externalDocs:

 description: >

 3GPP TS 29.538 V17.1.0; Enabling MSGin5G Service; Application Programming Interfaces (API)

 specification; Stage 3

 url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.538/

servers:

 - url: '{apiRoot}/msgs-asregistration/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501

security:

 - {}

 - oAuth2ClientCredentials: []

paths:

 /registrations:

 post:

 summary: Registers a new AS at a MSGin5G Server

 tags:

 - AS registration

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '201':

 description: AS information is registered successfully at MSGin5G Server

 content:

 application/json:

 schema:

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

 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'

 /registrations/{registrationId}:

 delete:

 summary: Delete an existing AS registration at MSGin5G Server

 tags:

 - AS DeRegistration

 parameters:

 - name: registrationId

 in: path

 description: AS registration Id

 required: true

 schema:

 type: string

 responses:

 '200':

 description: The individual AS registration is deleted successfully.

 content:

 application/json:

 schema:

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

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

#

# STRUCTURED DATA TYPES

#

 ASRegistration:

 description: AS registration data

 type: object

 required:

 - asSvcId

 properties:

 asSvcId:

 type: string

 appId:

 type: string

 targetUri:

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

 asProf:

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

 ASRegistrationAck:

 description: AS registration response data

 type: object

 required:

 - asSvcId

 - result

 properties:

 asSvcId:

 type: string

 result:

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

 ASProfile:

 description: AS profile information

 type: object

 properties:

 appName:

 type: string

 appProviders:

 type: array

 items:

 type: string

 minItems: 1

 description: The provider of the AS.

 appSenarios:

 type: array

 items:

 type: string

 minItems: 1

 description: The application scenario.

 appCategory:

 type: string

 asStatus:

 type: string

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

A.3 MSGS\_MSGDelivery API

openapi: 3.0.0

info:

 title: MSGS\_MSGDelivery

 version: 1.0.0

 description: |

 API for MSGG MSGin5G Server Message Delivery Service.

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externalDocs:

 description: >

 3GPP TS 29.538 V17.1.0; Enabling MSGin5G Service; Application Programming Interfaces (API)

 specification; Stage 3

 url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.538/

servers:

 - url: '{apiRoot}/msgs-msgdelivery/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501

security:

 - {}

 - oAuth2ClientCredentials: []

paths:

 /deliver-as-message:

 post:

 summary: AS deliver message to MSGin5G Server

 tags:

 - AS Message delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: OK, AS Message delivery successful

 content:

 application/json:

 schema:

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

 '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'

 /deliver-ue-message:

 post:

 summary: UE deliver message to MSGin5G Server

 tags:

 - UE Message delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: OK, UE Message delivery successful

 content:

 application/json:

 schema:

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

 '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'

 /deliver-report:

 post:

 summary: AS or UE deliver status report to MSGin5G Server

 tags:

 - AS/UE status report delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

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

 responses:

 '200':

 description: OK, status report delivery successfully

 content:

 application/json:

 schema:

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

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

#

# STRUCTURED DATA TYPES

#

 ASMessageDelivery:

 description: Contains the AS message delivery data

 type: object

 required:

 - oriAddr

 - destAddr

 - msgId

 - stoAndFwInd

 properties:

 oriAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 destAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 appId:

 type: string

 msgId:

 type: string

 secCred:

 type: string

 delivStReqInd:

 type: boolean

 payload:

 type: string

 priority:

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

 segInd:

 type: boolean

 segParams:

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

 stoAndFwInd:

 type: boolean

 stoAndFwParams:

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

 latency:

 type: integer

 UEMessageDelivery:

 description: Contains the UE message delivery data

 type: object

 required:

 - oriAddr

 - destAddr

 - msgId

 - stoAndFwInd

 properties:

 oriAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 destAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 appId:

 type: string

 msgId:

 type: string

 secCred:

 type: string

 delivStReqInd:

 type: boolean

 payload:

 type: string

 segInd:

 type: boolean

 segParams:

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

 stoAndFwInd:

 type: boolean

 stoAndFwParams:

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

 MessageDeliveryAck:

 description: Contains the message delivery ack data

 type: object

 required:

 - oriAddr

 - msgId

 properties:

 oriAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 msgId:

 type: string

 status:

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

 failureCause:

 type: string

 MessageSegmentParameters:

 description: Contains the message segment parameters data

 type: object

 properties:

 segId:

 type: string

 totalSegCount:

 type: integer

 segNumb:

 type: integer

 lastSegFlag:

 type: boolean

 StoreAndForwardParameters:

 description: Contains the store and forward parameters data

 type: object

 properties:

 exprTime:

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

 DeliveryStatusReport:

 description: Contains the delivery status report data

 type: object

 required:

 - oriAddr

 - destAddr

 - msgId

 - delivSt

 properties:

 oriAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 destAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 msgId:

 type: string

 secCred:

 type: string

 failureCause:

 type: string

 delivSt:

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

#

# SIMPLE DATA TYPES

#

#

# ENUMERATIONS

#

 DeliveryStatus:

 anyOf:

 - type: string

 enum:

 - DELY\_FAILED

 - DELY\_STORED

 - 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:

 - DELY\_FAILED: Indicates that the message delivery is failed.

 - DELY\_STORED: Indicates that the message is stored for deferred delivery.

 ReportDeliveryStatus:

 anyOf:

 - type: string

 enum:

 - REPT\_DELY\_SUCCESS

 - REPT\_DELY\_FAILED

 - 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:

 - REPT\_DELY\_SUCCESS: Indicates that the report delivery is successful.

 - REPT\_DELY\_FAILED: Indicates that the report delivery is failed.

 Priority:

 anyOf:

 - type: string

 enum:

 - HIGH

 - MIDDLE

 - LOW

 - 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:

 - HIGH: Indicates the messages should be sent in high priority.

 - MIDDLE: Indicates the messages should be sent in middle priority.

 - LOW: Indicates the messages should be sent in low priority.

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

A.4 MSGG\_L3GDelivery API

openapi: 3.0.0

info:

 title: MSGG\_L3GDelivery

 version: 1.0.0

 description: |

 API for MSGG L3G Message Delivery Service.

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externalDocs:

 description: >

 3GPP TS 29.538 V17.1.0; Enabling MSGin5G Service; Application Programming Interfaces (API)

 specification; Stage 3

 url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.538/

servers:

 - url: '{apiRoot}/msgg-l3gdelivery/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501

security:

 - {}

 - oAuth2ClientCredentials: []

paths:

 /deliver-message:

 post:

 summary: deliver message to Legacy 3GPP Message Gateway

 tags:

 - L3G Message delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/L3gMessageDelivery'

 responses:

 '204':

 description: No Content, Message delivery 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'

 /deliver-report:

 post:

 summary: deliver status report to Legacy 3GPP Message Gateway

 tags:

 - L3G status report delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

 $ref: 'TS29538\_MSGS\_MSGDelivery.yaml#/components/schemas/DeliveryStatusReport'

 responses:

 '204':

 description: No Content, status report delivery 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'

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

#

# STRUCTURED DATA TYPES

#

 L3gMessageDelivery:

 description: Contains the L3G message delivery data

 type: object

 required:

 - oriAddr

 - destAddr

 - msgId

 properties:

 oriAddr:

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

 destAddr:

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

 appId:

 type: string

 msgId:

 type: string

 delivStReqInd:

 type: boolean

 payload:

 type: string

 segInd:

 type: boolean

 segParams:

 $ref: 'TS29538\_MSGS\_MSGDelivery.yaml#/components/schemas/MessageSegmentParameters'

 Address:

 description: Contains the Message type data

 type: object

 required:

 - addrType

 - addr

 properties:

 addrType:

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

 addr:

 type: string

#

# SIMPLE DATA TYPES

#

#

# ENUMERATIONS

#

 AddressType:

 anyOf:

 - type: string

 enum:

 - UE

 - AS

 - GROUP

 - BC

 - TOPIC

 - 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:

 - UE: The address type is UE.

 - AS: The address type is AS.

 - GROUP: The address type is GROUP.

 - BC: The address type is BC.

 - TOPIC: The address type is TOPIC.

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

A.5 MSGG\_N3GDelivery API

openapi: 3.0.0

info:

 title: MSGG\_N3GDelivery

 version: 1.0.0

 description: |

 API for MSGG N3G Message Delivery Service.

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externalDocs:

 description: >

 3GPP TS 29.538 V17.1.0; Enabling MSGin5G Service; Application Programming Interfaces (API)

 specification; Stage 3

 url: https://www.3gpp.org/ftp/Specs/archive/29\_series/29.538/

servers:

 - url: '{apiRoot}/msgg-n3gdelivery/v1'

 variables:

 apiRoot:

 default: https://example.com

 description: apiRoot as defined in clause 4.4 of 3GPP TS 29.501

security:

 - {}

 - oAuth2ClientCredentials: []

paths:

 /deliver-message:

 post:

 summary: deliver message to NON-3GPP Message Gateway

 tags:

 - N3G Message delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

 $ref: '#/components/schemas/N3gMessageDelivery'

 responses:

 '204':

 description: No Content,Message delivery 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'

 /deliver-report:

 post:

 summary: deliver status report to NON-3GPP Message Gateway

 tags:

 - N3G status report delivery

 requestBody:

 required: true

 content:

 application/json:

 schema:

 $ref: 'TS29538\_MSGS\_MSGDelivery.yaml#/components/schemas/DeliveryStatusReport'

 responses:

 '204':

 description: No Content, status report delivery 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'

 '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'

components:

 securitySchemes:

 oAuth2ClientCredentials:

 type: oauth2

 flows:

 clientCredentials:

 tokenUrl: '{tokenUrl}'

 scopes: {}

 schemas:

#

# STRUCTURED DATA TYPES

#

 N3gMessageDelivery:

 description: N3G message delivery data

 type: object

 required:

 - oriAddr

 - destAddr

 - msgId

 properties:

 oriAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 destAddr:

 $ref: 'TS29538\_MSGG\_L3GDelivery.yaml#/components/schemas/Address'

 appId:

 type: string

 msgId:

 type: string

 delivStReqInd:

 type: boolean

 payload:

 type: string

 segInd:

 type: boolean

 segParams:

 $ref: 'TS29538\_MSGS\_MSGDelivery.yaml#/components/schemas/MessageSegmentParameters'

\* \* \* End of Change \* \* \* \*