**3GPP TSG-CT Meeting #106CP-243abc**

**Madrid, Spain; 9th – 10th December is revision of C1-246987**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.2* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  |  | **CR** |  | **rev** | **2** | **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:*** | Correction on NS Info Delivery | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | China Mobile | | | | | | | | | |
| ***Source to TSG:*** | China Mobile | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NSCALE | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | F |  | | | | | ***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 can be 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 procedures on how the NSCE server notifies network slice information delivery to the NSCE client need to be considered in Rel-18 TS 24.549 according to TS 23.435 clause 9.17.  Backwards compatibility analysis:  This CR introduces backwards compatible changes with the completion of the notification for the Network slice information delivery. Without this correction, the network slice information delivery can not work. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Update the Resource definition and data definition for NS Info Delivery. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | SA6 Rel-18 requirements are not fulfilled. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 2, 7.5.2.2.2, 8.3.1.3.1, 8.3.1.3.3A, 8.3.1.3.5.1, 8.3.1.3.5.2.1, 8.3.1.3.5.3.1, 8.3.1.3.5.4, 8.3.1.3.6.1, 8.3.1.3.6.2.1, 8.3.1.3.6.2.2, 8.3.1.3.6.2.3, C.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | |  | **X** | Test specifications | | | | TS/TR ... CR ... | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | | This CR introduce a backward compatible correction to the NSCE\_SliceInfo API. | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | | CR version 2:  [C1-246987](https://www.3gpp.org/ftp/tsg_ct/WG1_mm-cc-sm_ex-CN1/TSGC1_152_Orlando/Docs/C1-246987.zip) agreed in CT1 #152 meeting revised to correct the error in the OpenAPI file i.e. sign # should be added as follows in the line:  $ref: '#/components/schemas/NSInfo' | | | | | | | | |

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

# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non‑specific.

- For a specific reference, subsequent revisions do not apply.

- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[1A] 3GPP TR 21.900: "Technical Specification Group working methods".

[2] 3GPP TS 23.434: "Service Enabler Architecture Layer for Verticals (SEAL); Functional architecture and information flows".

[2A] 3GPP TS 23.502: "Procedures for the 5G System (5GS); Stage 2".

[3] 3GPP TS 24.526: "User Equipment (UE) policies for 5G System (5GS); Stage 3".

[3A] 3GPP TS 24.546: "Configuration management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification".

[4] 3GPP TS 24.547: "Identity management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification".

[5] Void.

[6] IETF RFC 4825: "The Extensible Markup Language (XML) Configuration Access Protocol (XCAP)".

[7] IETF RFC 6750: "The OAuth 2.0 Authorization Framework: Bearer Token Usage".

[8] IETF RFC 9110:"HTTP Semantics".

[8A] IETF RFC 9111: "HTTP Caching".

[8B] IETF RFC 9112: "HTTP/1.1".

[8C] IETF RFC 9113: "HTTP/2".

[9] Void.

[10] IETF RFC 8259: "The JavaScript Object Notation (JSON) Data Interchange Format".

[11] Void.

[12] OMA OMA-TS-XDM\_Core-V2\_1-20120403-A: "XML Document Management (XDM) Specification".

[13] 3GPP TS 23.435: "Procedures for Network Slice Capability Exposure for Application Layer Enablement Service".

[14] 3GPP TS 29.571: "5G System; Common Data Types for Service Based Interfaces; Stage 3".

[15] 3GPP TS 26.531: "Data Collection and Reporting; General Description and Architecture".

[16] 3GPP TS 26.532: "Data Collection and Reporting; Protocols and Formats".

[17] 3GPP TS 29.122: "T8 reference point for Northbound Application Programming Interfaces (APIs)".

[18] 3GPP TS 29.435: "Service Enabler Architecture Layer for Verticals (SEAL); Network Slice Capability Enablement (NSCE) Server Services; Stage 3".

[19] 3GPP TS 29.501: "5G System; Principles and Guidelines for Services Definition; Stage 3".

[20] 3GPP TS 29.549:" Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification".

[21] 3GPP TS 33.434: "Service Enabler Architecture Layer for Verticals (SEAL); Security Aspects".

[22] OpenAPI Specification: "OpenAPI Specification Version 3.0.0", <https://spec.openapis.org/oas/v3.0.0>.

[29558] 3GPP TS 29.558: "Enabling Edge Applications; Application Programming Interface (API) specification; Stage 3".

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

##### 7.5.2.2.2 Network slice information delivery using Slice\_Info\_Delivery service operation

To send the allocated network slice information to the SNSCE-C, the SNSCE-S shall send an HTTP POST request message according to procedures specified in IETF RFC 9110 [8] and according to pattern Callback-URI, defined in clause A.1.2 of 3GPP TS 24.546 [3A] with a body containing the data type NSInfoDel as defined in clause 8.3.1.3.6.2.2, serialized into a JavaScript Object Notation (JSON) structure as specified in IETF RFC 8259 [10].

Upon receipt of the HTTP POST request, the SNSCE-C:

a) if the request is successfully processed, shall send an HTTP 204 No Content message indicating the successful response; or

b) if errors occur when processing the request, an appropriate error response as specified in clause 8.1.1.7.

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

##### 8.3.1.3.1 Overview

This clause describes the structure for the Resource URIs and the resources and methods used for the service.

The structure of the Resource URIs of the NSCE\_SliceInfo API is shown in Figure 8.3.1.3.1-1.



Figure 8.3.1.3.1-1: Resource URIs structure of the NSCE\_SliceInfo API

Table 8.3.1.3.1-1 provides an overview of resources and applicable HTTP methods defined for the NSCE\_SliceInfo API.

Table 8.3.1.3.1-1: Resources and methods overview

|  |  |  |  |
| --- | --- | --- | --- |
| Resource purpose/name | Resource URI (relative path after API URI) | HTTP method or custom operation | Description (service operation) |
| EDN Slice Subscriptions  (Collection) | /edn-slice-subscriptions | POST | This is a pseudo resource. |
| PLMN Slice Subscriptions  (Collection) | /plmn-slice-subscriptions | POST | This is a pseudo resource. |
| NS Info Delivery Subscriptions  (Collection) | /ns-info-subscriptions | POST | This is a pseudo resource. |

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

##### 8.3.1.3.3A Resource: PLMN Slice Subscriptions

###### 8.3.1.3.3A.1 Description

This is a pseudo resource.

###### 8.3.1.3.3A.2 Resource Definition

Resource URI: **{apiRoot}/nsce\_sliceinfo/<apiVersion>/ns-info-subscriptions**

This resource shall support the resource URI variables defined in table 8.3.1.3.3A.2-1.

Table 8.3.1.3.3A.2-1: Resource URI variables for this resource

|  |  |  |
| --- | --- | --- |
| Name | Data type | Definition |
| apiRoot | string | See clause 8.3.1.1 |

###### 8.3.1.3.3A.3 Resource Standard Methods

8.3.1.3.3A.3.1 POST

This method shall support the URI query parameters specified in table 8.3.1.3.3A.3.1-1.

Table 8.3.1.3.3A.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 8.3.1.3.3A.3.1-2 and the response data structures and response codes specified in table 8.3.1.3.3A.3.1-3.

Table 8.3.1.3.3A.3.1-2: Data structures supported by the POST Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| any |  |  |  |

Table 8.3.1.3.3A.3.1-3: Data structures supported by the POST Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response  codes | Description |
| n/a |  |  |  |  |
| NOTE: The mandatory HTTP error status codes for the POST method listed in table 5.2.6-1 of 3GPP TS 29.122 [17] shall also apply. | | | | |

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

###### 8.3.1.3.5.1 General

Table 8.3.1.3.5.1-1: Notifications overview

|  |  |  |  |
| --- | --- | --- | --- |
| Notification | Callback URI | HTTP method | Description  (service operation) |
| EDN slice notification | callbackUri  (NOTE) | POST | Notification on slice modification information for service continuity of a VAL application in the target EDN service area. |
| PLMN slice notification | callbackUri  (NOTE) | POST | Notification on slice modification information for service continuity of a VAL application in the target PLMN. |
| NS Info Delivery | callbackUri  (NOTE) | POST | Notification on enabling a NSCE Server to deliver the network slice information. |
| NOTE: The callbackURI is not provided by NF service consumer via NSCE\_SliceInfo API. The value of the callbackURI is set to the value of the Callback-URI parameter that is provided during the configuration update event subscription message specified in 3GPP TS 24.546 [3A] clause 6.2.2.1.2 and clause A.1.2. | | | |

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

8.3.1.3.5.2.1 Description

EDN slice notification is used by the SNSCE-S to notify the SNSCE-C about the modified slice configuration for VAL service continuity in the target EDN service area.

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

8.3.1.3.5.3.1 Description

EDN slice notification is used by the SNSCE-S to notify the SNSCE-C about the modified slice configuration for VAL service continuity during the inter PLMN mobility.

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

###### 8.3.1.3.5.4 NS Info Delivery

8.3.1.3.5.4.1 Description

NS Info Delivery is used by the SNSCE-S to notify the SNSCE-C VAL UE to deliver the network slice information.

8.3.1.3.5.4.2 Notification definition

The POST method shall be used for the EDN slice notification and the callback URI configured by SNSCE-S.

Callback URI: **{callbackUri}**

This method shall support the URI query parameters specified in table 8.3.1.3.5.4.2-1.

Table 8.3.1.3.5.4.2-1: URI query parameters supported by the POST method on this resource

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

If the notification is for inter-PLMNslice modification information, this method shall support the request data structures specified in table 8.3.1.3.5.4.2-2 and the response data structures and response codes specified in table 8.3.1.3.5.4.2-3.

Table 8.3.1.3.5.4.2-2: Data structures supported by the POST Request Body on this resource

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | P | Cardinality | Description |
| NSInfoDel | M | 1 | Contains the parameters for Network Slice Information delivery |

Table 8.3.1.3.5.4.2-3: Data structures supported by the POST Response Body on this resource

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Data type | P | Cardinality | Response codes | Description |
| n/a |  |  | 204 No Content | Successful case. Notification for the Network Slice Information delivery was successfully proceeded. |
| NOTE: The mandatory HTTP error status codes for the POST method listed in table 5.2.6-1 of 3GPP TS 29.122 [17] shall also apply. | | | | |

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

###### 8.3.1.3.6.1 General

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

Table 8.3.1.3.6.1-1 specifies the data types defined for the NSCE\_SliceInfo API.

Table 8.3.1.3.6.1-1: NSCE\_SliceInfo API specific Data Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Clause defined | Description | Applicability |
| NSInfo | 8.3.1.3.6.2.3 | Represnets the network slice information |  |
| NSInfoDel | 8.3.1.3.6.2.2 | Represents the network slice information delivery. |  |

Table 8.3.1.3.6.1-2 specifies data types re-used by the NSCE\_SliceInfo API from other specifications, including a reference to their respective specifications, and when needed, a short description of their use within the NSCE\_SliceInfo API.

Table 8.3.1.3.6.1-2: NSCE\_SliceInfo API re-used Data Types

|  |  |  |  |
| --- | --- | --- | --- |
| Data type | Reference | Comments | Applicability |
| EdgeSCRequirementNotif | 3GPP TS 29.435 [18] | Represents the slice information which is used and/or modified to extend slice availability to the target service area. (NOTE 1) |  |
| EndPoint | 3GPP TS 29.558 [29558] | Represents endpoint information. |  |
| InterPlmnServContNotif | 3GPP TS 29.435 [18] | Represents the slice information which is used and/or modified to extend slice availability to the target PLMN. (NOTE 2) |  |
| NetSliceId | 3GPP TS 29.435 [18] | Represents the identification information of a network slice. |  |
| NOTE 1: The slice information is sent to the VAL UEs which are impacted by the modification of the network slice, thus the related optional information element "ueIds" of the EdgeSCRequirementNotif data structure shall not be used when the EdgeSCRequirementNotif data structure is sent to the SNSCE-C by the SNSCE-S.  NOTE 2: The slice information is sent to the VAL UEs which are impacted by the modification of the network slice, thus the related optional information element "ueIds" of the InterPlmnServContNotif data structure shall not be used when the InterPlmnServContNotif data structure is sent to the SNSCE-C by the SNSCE-S. | | | |

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

8.3.1.3.6.2.1 Introduction

This clause defines the structures to be used in resource representations.

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

8.3.1.3.6.2.2 Type: NSInfoDel

Table 8.3.1.3.6.2.2-1: Definition of type NSInfoDel

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| valServId | string | M | 1 | Represents the identifier of the VAL service to which the notification is related. |  |
| tgtNsceServId | string | M | 1 | Contains the identifier of the target NSCE Server. |  |
| tgtNsceAddr | EndPoint | M | 1 | Contains the addressing information of the target NSCE Server. |  |
| valUeIds | array(string) | O | 1..N | Contains the identifiers of the targeted VAL UE(s). |  |
| nSInfos | array(NSInfo) | M | 1..N | Network slice information |  |

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

8.3.1.3.6.2.3 Type: NSInfo

Table 8.3.1.3.6.2.3-1: Definition of type NSInfo

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Data type | P | Cardinality | Description | Applicability |
| netSliceId | NetSliceId | M | 1 | Contains the identifier for the network slice. |  |
| dnn | Dnn | O | 0..1 | Identifies a DNN, a full DNN with both the Network Identifier and Operator Identifier, or a DNN with the Network Identifier only. |  |

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

# C.3 NSCE\_SliceInfo API

openapi: 3.0.0

info:

title: NSCE\_SliceInfo

version: 1.0.0

description: |

API for notification of slice information.

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externalDocs:

description: >

3GPP TS 24.549 V18.2.0 Network slice capability enablement- Service Enabler;

Architecture Layer for Verticals (SEAL); Protocol specification; Stage 3.

url: https://www.3gpp.org/ftp/Specs/archive/24\_series/24.549/

security:

- {}

- oAuth2ClientCredentials: []

servers:

- url: '{apiRoot}/nsce\_sliceinfo/v1'

variables:

apiRoot:

default: https://example.com

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

paths:

/edn-slice-subscriptions:

post:

# This is a pseudo operation, NF service consumers shall NOT invoke this method!

requestBody:

required: true

content:

application/json:

# Unspecified schema for the JSON body, since this is neither used by consumer nor by the producer.

schema: {}

responses:

default:

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

callbacks:

SliceNotification:

'{callbackUri}':

# The URI in {callbackUri} is not provided by SNSCE-C via NSCE\_SliceInfo API in this Release.

post:

requestBody:

required: true

content:

application/json:

schema:

$ref: 'TS29435\_NSCE\_ServiceContinuity.yaml#/components/schemas/EdgeSCRequirementNotif'

responses:

'204':

description: No Content, notification was succesfull.

'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'

/plmn-slice-subscriptions:

post:

# This is a pseudo operation, NF service consumers shall NOT invoke this method!

requestBody:

required: true

content:

application/json:

# Unspecified schema for the JSON body, since this is neither used by consumer nor by the producer.

schema: {}

responses:

default:

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

callbacks:

InterPlmnSliceNotification:

'{callbackUri}':

# The URI in {callbackUri} is not provided by SNSCE-C via NSCE\_SliceInfo API in this Release.

post:

requestBody:

required: true

content:

application/json:

schema:

$ref: 'TS29435\_NSCE\_InterPLMNContinuity.yaml#/components/schemas/InterPlmnServContNotif'

responses:

'204':

description: No Content, notification was succesfull.

'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'

/ns-info-subscriptions:

post:

# This is a pseudo operation, NF service consumers shall NOT invoke this method!

requestBody:

required: true

content:

application/json:

# Unspecified schema for the JSON body, since this is neither used by consumer nor by the producer.

schema: {}

responses:

default:

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

callbacks:

NSInfoDelivery:

'{callbackUri}':

# The URI in {callbackUri} is not provided by SNSCE-C via NSCE\_SliceInfo API in this Release.

post:

requestBody:

required: true

content:

application/json:

schema:

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

responses:

'204':

description: No Content, notification was succesfull.

'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:

NSInfoDel:

description: Represents the network slice information delivery.

type: object

properties:

valServId:

type: string

tgtNsceServId:

type: string

tgtNsceAddr:

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

valUeIds:

type: array

items:

type: string

minItems: 1

description: Represents the list of VAL UEs ID.

nSInfos:

type: array

items:

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

minItems: 1

required:

- valServId

- tgtNsceServId

- tgtNsceAddr

- nSInfos

NSInfo:

description: Represents the network slice information.

type: object

properties:

netSliceId:

$ref: 'TS29435\_NSCE\_PolicyManagement.yaml#/components/schemas/NetSliceId'

dnn:

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

required:

- netSliceId

\* \* \* \* End of changes \* \* \* \*