**3GPP TSG-SA5 Meeting #145-eS5-225561**

**e-meeting, 15 - 24 August 2022**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **28.541** | **CR** | **0783** | **rev** | **-** | **Current version:** | **15.8.0** |  |
|  | | | | | | | | |
| *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)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME |  | Radio Access Network | **X** | Core Network | **X** |

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|  | | | | | | | | | | |
| ***Title:*** | Clarify and update state management for network slicing | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson | | | | | | | | | |
| ***Source to TSG:*** | S5 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NETSLICE | | | | |  | ***Date:*** | | | 2022-08-04 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | **F** |  | | | | | ***Release:*** | | | Rel-15 |
|  | *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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | The use of operationalState and adminstrativeState attributes as part of the network slicing solution is not clear following reasons:   * It is not clear how state management could be implemented for network slicing * The definitions of operationalState and adminstrativeState are not applicable to NSI and NSSI as they represent groupings of shared functions * The use case and requirements for state management of network slice and network slice subnet are missing. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | * 6.3.1.2, 6.3.2.2, 6.4.1 Remove adminstrativeState and operationalState attributes from NetworkSlicing definitions * Annex B remove content and make Void * Annex I.4.3 sliceNrm XML * Annex J.4.3 sliceNrm JSON | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Incompatible implementation of network slice and network slice subnet MnS. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **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:*** | |  | | | | | | | | |

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| **First change** |

## 6.3 Class definitions

### 6.3.1 NetworkSlice

#### 6.3.1.1 Definition

This IOC represents the properties of a network slice instance in a 5G network. For more information about the network slice instance, see 3GPP TS 28.531 [26].

#### 6.3.1.2 Attributes

The NetworkSlice IOC includes attributes inherited from SubNetwork IOC (defined in TS 28.622[30]) and the following attributes:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Attribute name | Support Qualifier | isReadable | isWritable | isInvariant | isNotifyable | |
|  |  |  |  |  |  | |
|  |  |  |  |  |  |
| serviceProfileList | M | T | T | F | T | |
| **Attribute related to role** |  |  |  |  |  | |
| networkSliceSubnetRef | M | T | F | F | T | |

#### 6.3.1.3 Attribute constraints

None.

#### 6.3.1.4 Notifications

The common notifications defined in subclause 6.5 are valid for this IOC, without exceptions or additions.

### 6.3.2 NetworkSliceSubnet

#### 6.3.2.1 Definition

This IOC represents the properties of a network slice subnet instance in a 5G network. For more information about the network slice subnet instance, see 3GPP TS 28.531 [26].

#### 6.3.2.2 Attributes

The NetworkSliceSubnet IOC includes attributes inherited from SubNetwork IOC (defined in TS 28.622[30]) and the following attributes:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Attribute name | Support Qualifier | isReadable | isWritable | isInvariant | isNotifyable |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| nsInfo | CM | T | F | F | T |
| sliceProfileList | M | T | T | F | T |
| **Attribute related to role** |  |  |  |  |  |
| managedFunctionRef | M | T | F | F | T |
| networkSliceSubnetRef | M | T | F | F | T |

#### 6.3.2.3 Attribute constraints

|  |  |
| --- | --- |
| Name | Definition |
| nsInfo Support Qualifier | Condition: It shall be supported if the NSS instance is realized in the virtualized environment. Otherwise this attribute shall be absent. |

#### 6.3.2.4 Notifications

The common notifications defined in subclause 6.5 are valid for this IOC, without exceptions or additions.

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| **Second change** |

## 6.4 Attribute definition

### 6.4.1 Attribute properties

| Attribute Name | Documentation and Allowed Values | Properties |
| --- | --- | --- |
| availability | This parameter specifies the availability requirement for an network slice instance, expressed as a percentage. | type: Float  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: True |
| serviceProfileId | A unique identifier of property of network slice related requirement should be supported by the network slice instance. | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: True |
| sliceProfileId | A unique identifier of the property of network slice subnet related requirement should be supported by the network slice subnet instance. | type: String  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: True |
| constituentNSSIIdList | It is a list of DN of MOI(s) for the constituent NSSI associated with the network slice subnet instance. | type: DN  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| mFIdList | It is a list of DN of the MOI(s) for the NF instances associated with the network slice subnet instance. | type: DN  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
|  |  |  |
|  |  |  |
| nsInfo | This attribute contains the NsInfo of the NS instance corresponding to the network slice subnet instance. The NsInfo is described in clause 8.3.3.2.2 of ETSI GS NFV-IFA 013 [29].  The NsInfo contains:  - nsInstanceId.  - nsName (optional).  - description (optional). | type: <<dataType>>  multiplicity: 1  isOrdered: N/A  isUnique: True  defaultValue: No default value  isNullable: True |
| perfReq | This parameter specifies the requirements to the NSI in terms of the scenarios defined in the TS 22.261 [28], such as Experienced data rate, Area traffic capacity (density) information of UE density.  It is a structure containing the following elements:  - list of perfRequirements  Depending on the sST value, the list of perfRequirements will be  - list of eMBBPerfReq  or  - list of uRLLCPerfReq  or  - list of mIoTPerfReq  NOTE: the list of mIoTPerfReq is not addressed in the present document.  allowedValues:  - list of eMBBPerfReq is a list of entries where an entry identifies the performance requirements to the NSI in terms of the scenarios defined in the Table 7.1-1 of TS 22.261 [28]. An entry has the following attributes: expDataRateDL (Integer), expDataRateUL (Integer), areaTrafficCapDL (Integer), areaTrafficCapUL (Integer), userDensity (Integer), activityFactor (Integer), uESpeed (Integer), coverage (String) (see Table 7.1-1 of TS 22.261 [28]).  - list of uRLLCPerfReq is a list of entries where an entry identifies the performance requirements to the NSI in terms of the scenarios defined in the Table 7.2.2-1 of TS 22.261 [28]. An entry has the following attributes: e2eLatency (Integer), jitter (Integer), survivalTime (Integer), cSAvailability (Float), reliability (Float), expDataRate (Integer), payloadSize (String), trafficDensity (Integer), connDensity (Integer), serviceAreaDimension (String) (see Table 7.2-1 of TS 22.261 [28]).  NOTE: Limitation on attribute values in instances of ServiceProfile is not addressed in the present document. | type: <<dataType>>  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| sNSSAIList | This parameter specifies the S-NSSAI list to be supported by the new NSI to be created or the existing NSI to be re-used.  sNSSAList is defined in subclause 4.4.1 |  |
| maxNumberofUEs | An attribute specifies the maximum number of UEs may simultaneously access the network slice instance. | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| coverageAreaTAList | An attribute specifies a list of <TrackingArea> where the NSI can be selected. | type: <<dataType>>  multiplicity: 1..\*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| latency | An attribute specifies the packet transmission latency (millisecond) through the RAN, CN, and TN part of 5G network and is used to evaluate utilization performance of the end-to-end network slice instance. See clause 6.3.1 of 28.554 [27]. | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| uEMobilityLevel | An attribute specifies the mobility level of UE accessing the network slice instance. See 6.2.1 of TS 22.261 [28].  allowedValues:  STATIONARY, NOMADIC, RESTRICTED\_MOBILITY, FULLY\_MOBILITY | type: ENUM  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: True |
| serviceProfile.resourceSharingLevel | An attribute specifies whether the resources to be allocated to the network slice instance may be shared with another network slice instance(s).  allowedValues: SHARED, NON\_SHARED. | type: ENUM  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: Yes  isNullable: True |
| sliceProfile.resourceSharingLevel | An attribute specifies whether the resources to be allocated to the network slice subnet instance may be shared with another network slice subnet instance(s).  allowedValues: SHARED, NON\_SHARED. | type: ENUM  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: Yes  isNullable: True |
| serviceProfileList | An attribute specifies a list of ServiceProfile (see clause 6.3.3) supported by the network slice instance | type: << dataType >>  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| sliceProfileList | An attribute specifies a list of SliceProfile (see clause 6.3.4) supported by the network slice subnet instance | type: << dataType >>  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| sST | This parameter specifies the slice/service type for a ServiceProfile..  See clause 5.15.2 of 3GPP TS 23.501 [2]. | type: Integer  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |
| NetworkSlice.networkSliceSubnetRef | This holds a DN of NetworkSliceSubnet relating to the NetworkSlice instance. | type: DN  multiplicity: 1  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| NetworkSliceSubnet.networkSliceSubnetRef | This holds a list of DN of constituent NetworkSliceSubnet supporting NetworkSliceSubnet instance | type: DN  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  isNullable: False |
| managedFunctionRef | This holds a list of DN of ManagedFunction instances supporting the NetworkSliceSubnet instance. | type: DN  multiplicity: \*  isOrdered: N/A  isUnique: N/A  defaultValue: None  allowedValues: N/A  isNullable: False |

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| **Third change** |

Annex B (normative):   
Void

# B.1 Void



# B.2 Void



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| **Fourth change** |

## I.4.3 XML schema "sliceNrm.xsd"

<?xml version="1.0" encoding="UTF-8"?>

<!--

3GPP TS 28.541 network slice Network Resource Model

XML schema definition

sliceNrm.xsd

-->

<schema xmlns="http://www.w3.org/2001/XMLSchema"

xmlns:xn="http://www.3gpp.org/ftp/specs/archive/28\_series/28.623#genericNrm"

xmlns:sl="http://www.3gpp.org/ftp/specs/archive/28\_series/28.541#sliceNrm"

xmlns:nn="http://www.3gpp.org/ftp/specs/archive/28\_series/28.541#nrNrm"

xmlns:ngc="http://www.3gpp.org/ftp/specs/archive/28\_series/28.541#ngcNrm"

xmlns:en="http://www.3gpp.org/ftp/specs/archive/28\_series/28.659#eutranNrm"

xmlns:sm="http://www.3gpp.org/ftp/specs/archive/28\_series/28.626#stateManagementIRP"

targetNamespace="http://www.3gpp.org/ftp/specs/archive/28\_series/28.541#sliceNrm" elementFormDefault="qualified">

<import namespace="http://www.3gpp.org/ftp/specs/archive/28\_series/28.623#genericNrm"/>

<import namespace="http://www.3gpp.org/ftp/specs/archive/28\_series/28.541#nrNrm"/>

<import namespace="http://www.3gpp.org/ftp/specs/archive/28\_series/28.541#ngcNrm"/>

<import namespace="http://www.3gpp.org/ftp/specs/archive/28\_series/28.659#eutranNrm"/>

<import namespace="http://www.3gpp.org/ftp/specs/archive/28\_series/28.626#stateManagementIRP"/>

<simpleType name="MobilityLevel">

<restriction base="string">

<enumeration value="STATIONARY"/>

<enumeration value="NOMADIC"/>

<enumeration value="RESTRICTED MOBILITY"/>

<enumeration value="FULLY MOBILITY"/>

</restriction>

</simpleType>

<simpleType name="SharingLevel">

<restriction base="string">

<enumeration value="SHARED"/>

<enumeration value="NON-SHARED"/>

</restriction>

</simpleType>

<complexType name="PerfReq">

<!-- Refer to definitions in TS 22.261-->

<sequence>

<choice minOccurs="0" maxOccurs="1">

<element name="perfReqEMBB" type="sl:PerfReqEmbb"/>

<element name="perfReqUrllc" type="sl:PerfReqUrllc"/>

</choice>

</sequence>

</complexType>

<complexType name="PerfReqEmbb">

<sequence>

<element name="expDataRateDL" type="integer" minOccurs="0"/>

<element name="expDataRateUL" type="integer" minOccurs="0"/>

<element name="areaTrafficCapDL" type="integer" minOccurs="0"/>

<element name="areaTrafficCapUL" type="integer" minOccurs="0"/>

<element name="userDensity" type="integer" minOccurs="0"/>

<element name="activityFactor" type="integer " minOccurs="0"/>

<element name="uESpeed" type="integer" minOccurs="0"/>

<element name="coverage" type="string" minOccurs="0"/>

</sequence>

</complexType>

<complexType name="PerfReqUrllc">

<sequence>

<element name="e2eKatency" type="integer" minOccurs="0"/>

<element name="jitter" type="integer" minOccurs="0"/>

<element name="survivalTime" type="integer" minOccurs="0"/>

<element name="cSAvailability" type="float" minOccurs="0"/>

<element name="reliability" type="float" minOccurs="0"/>

<element name="expDataRate" type="integer " minOccurs="0"/>

<element name="payloadSize" type="integer" minOccurs="0"/>

<element name="trafficDensity" type="string" minOccurs="0"/>

<element name="connDensity" type="float" minOccurs="0"/>

<element name="serviceDimension" type="string " minOccurs="0"/>

</sequence>

</complexType>

<complexType name="ServiceProfile">

<sequence>

<element name="serviceProfileId" type="string"/>

<element name="sNSSAIList" type="ngc:SnssaiList"/>

<element name="pLMNIdList" type="en:PLMNIdList"/>

<element name="perfReq" type="sl:PerfReq"/>

<element name="maxNumberofUEs" type="long" minOccurs="0"/>

<element name="coverageAreaTAList" type="ngc:NrTACList" minOccurs="0"/>

<element name="latency" type="integer" minOccurs="0"/>

<element name="uEMobilityLevel" type="integer" minOccurs="0"/>

<element name="resourceSharingLevel" type="integer" minOccurs="0"/>

<element name="sst" type="ngc:Sst"/>

<element name="availability" type="float" minOccurs="0"/>

</sequence>

</complexType>

<complexType name="ServiceProfileList">

<sequence>

<element name="serviceProfile" type="sl:ServiceProfile"/>

</sequence>

</complexType>

<complexType name="SliceProfile">

<sequence>

<element name="sliceProfileId" type="string"/>

<element name="sNSSAIList" type=" ngc:SnssaiList"/>

<element name="pLMNIdList" type="en:PLMNIdList"/>

<element name="perfReq" type="sl:PerfReq"/>

<element name="maxNumberofUEs" type="long" minOccurs="0"/>

<element name="coverageAreaTAList" type="ngc:NrTACList" minOccurs="0"/>

<element name="latency" type="integer" minOccurs="0"/>

<element name="uEMobilityLevel" type="sl: MobilityLevel" minOccurs="0"/>

<element name="resourceSharingLevel" type="integer" minOccurs="0"/>

</sequence>

</complexType>

<complexType name="SliceProfileList">

<sequence>

<element name="sliceProfile" type="sl:SliceProfile"/>

</sequence>

</complexType>

<complexType name="NsInfo">

<!-- Refer to definitions in subclause 8.3.3.2.2 of ETSI NFV IFA013 -->

<sequence>

<element name="nsInstanceId" type="string"/>

<element name="nsName" type="string"/>

<element name="description" type="string"/>

</sequence>

</complexType>

<element name="NetworkSlice" substitutionGroup="xn:SubNetworkOptionallyContainedNrmClass">

<complexType>

<complexContent>

<extension base="xn:NrmClass">

<sequence>

<element name="attributes">

<complexType>

<all>

<!-- Inherited attributes from SubNetwork -->

<element name="dnPrefix" type="string" minOccurs="0"/>

<element name="userLabel" type="string"/>

<element name="userDefinedNetworkType" type="string"/>

<element name="setOfMcc" type="string" minOccurs="0"/>

<element name="measurements" type="xn:MeasurementTypesAndGPsList" minOccurs="0"/>

<!-- End of inherited attributes from SubNetwork -->

<element name="serviceProfileList" type="sl:ServiceProfileList"/>

<element *name*="networkSliceSubnetRef" *type*="xn:dn"/>

</all>

</complexType>

</element>

<choice minOccurs="0" maxOccurs="unbounded">

<element ref="xn:MeasurementControl"/>

</choice>

</sequence>

</extension>

</complexContent>

</complexType>

</element>

<element name="NetworkSliceSubnet" substitutionGroup="xn:SubNetworkOptionallyContainedNrmClass">

<complexType>

<complexContent>

<extension base="xn:NrmClass">

<sequence>

<element name="attributes">

<complexType>

<all>

<!-- Inherited attributes from SubNetwork -->

<element name="dnPrefix" type="string" minOccurs="0"/>

<element name="userLabel" type="string"/>

<element name="userDefinedNetworkType" type="string"/>

<element name="setOfMcc" type="string" minOccurs="0"/>

<element name="measurements" type="xn:MeasurementTypesAndGPsList" minOccurs="0"/>

<!-- End of inherited attributes from SubNetwork -->

<element name="nsInfo" type="sl:NsInfo" minOccurs="0"/>

<element name="sliceProfileList" type="sl:SliceProfileList"/>

<element *name*="managedFunctionRef" *type*="xn:dnlist"/>

<element *name*="networkSliceSubnetRef" *type*="xn:dnlist"/>

</all>

</complexType>

</element>

<choice minOccurs="0" maxOccurs="unbounded">

<element ref="xn:MeasurementControl"/>

</choice>

</sequence>

</extension>

</complexContent>

</complexType>

</element>

</schema>

|  |
| --- |
| **Fifth change** |

## J.4.3 JSON schema "sliceNrm.json"

{

"openapi": "3.0.1",

"info": {

"title": "3GPP Network Slice NRM",

"version": "15.3.0",

"description": "OAS 3.0.1 specification compatible schema for 3GPP Network Slice NRM"

},

"paths": {},

"components": {

"schemas": {

"MobilityLevel": {

"type": "string",

"enum": [

"STATIONARY",

"NOMADIC",

"RESTRICTED MOBILITY",

"FULLY MOBILITY"

]

},

"SharingLevel": {

"type": "string",

"enum": [

"SHARED",

"NON-SHARED"

]

},

"PerfReq": {

"type": "object",

"properties": {

"prefReqEmbb": {

"$ref": "#/components/schemas/PerfReqEmbb"

},

"prefReqUrllc": {

"$ref": "#/components/schemas/PerfReqUrllc"

}

}

},

"PerfReqEmbb": {

"type": "object",

"properties": {

"expDataRateDL": {

"type": "number"

},

"expDataRateUL": {

"type": "number"

},

"areaTrafficCapDL": {

"type": "number"

},

"areaTrafficCapUL": {

"type": "number"

},

"userDensity": {

"type": "number"

},

"activityFactor": {

"type": "number"

},

"uESpeed": {

"type": "number"

},

"coverage": {

"type": "string"

}

}

},

"PerfReqUrllc": {

"type": "object",

"properties": {

"e2eLatency": {

"type": "number"

},

"jitter": {

"type": "number"

},

"survivalTime": {

"type": "number"

},

"areaTrafficCapUL": {

"type": "number"

},

"cSAvailability": {

"type": "number"

},

"reliability": {

"type": "number"

},

"expDataRate": {

"type": "number"

},

"payloadSize": {

"type": "number"

},

"trafficDensity": {

"type": "string"

},

"connDensity": {

"type": "number"

},

"serviceDimension": {

"type": "string"

}

}

},

"NsInfo": {

"type": "object",

"properties": {

"nsInstanceId": {

"type": "string"

},

"nsName": {

"type": "string"

}

}

},

"NetworkSlice": {

"allOf": [

{

"$ref": "genericNrm.json#/components/schemas/Top-Attributes"

},

{

"type": "object",

"properties": {

"attributes": {

"allOf": [

{

"$ref": "genericNrm.json#/components/schemas/SubNetwork-Attributes"

},

{

"type": "object",

"properties": {}

},

{

"type": "object",

"properties": {

"networkSliceSubnetRef": {

"$ref": "genericNrm.json#/components/schemas/Dn"

},

},

"serviceProfileList": {

"$ref": "#/components/schemas/ServiceProfileList"

}

}

}

]

}

}

}

]

},

"NetworkSliceSubnet": {

"allOf": [

{

"$ref": "genericNrm.json#/components/schemas/Top-Attributes"

},

{

"type": "object",

"properties": {

"attributes": {

"allOf": [

{

"$ref": "genericNrm.json#/components/schemas/SubNetwork-Attributes"

},

{

"type": "object",

"properties": {}

},

{

"type": "object",

"properties": {

"managedFunctionRefList": {

"$ref": "genericNrm.json#/components/schemas/DnList"

},

"networkSliceSubnetRefList": {

"$ref": "genericNrm.json#/components/schemas/DnList"

},

"

},

"nsInfo": {

"$ref": "#/components/schemas/NsInfo"

},

"sliceProfileList": {

"$ref": "#/components/schemas/SliceProfileList"

}

}

}

]

}

}

}

]

},

"ServiceProfile": {

"type": "object",

"properties": {

"serviceProfileId": {

"type": "string"

},

"snssaiList": {

"$ref": "nRNrm.json#/components/schemas/SnssaiList"

},

"plmnIdList": {

"$ref": "nRNrm.json#/components/schemas/PlmnIdList"

},

"perfReq": {

"$ref": "#/components/schemas/PerfReq"

},

"maxNumberofUEs": {

"type": "number"

},

"coverageAreaTAList": {

"$ref": "ngcNrm.json#/components/schemas/TACList"

},

"latency": {

"type": "number"

},

"uEMobilityLevel": {

"$ref": "#/components/schemas/MobilityLevel"

},

"sst": {

"$ref": "nrNrm.json#/components/schemas/Sst"

},

"resourceSharingLevel": {

"$ref": "#/components/schemas/SharingLevel"

},

"availability": {

"type": "number"

}

}

},

"ServiceProfileList": {

"type": "array",

"items": {

"$ref": "#/components/schemas/ServiceProfile"

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},

"SliceProfile": {

"type": "object",

"properties": {

"sliceProfileId": {

"type": "string"

},

"snssaiList": {

"$ref": "nRNrm.json#/components/schemas/SnssaiList"

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"plmnIdList": {

"$ref": "nRNrm.json#/components/schemas/PlmnIdList"

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"perfReq": {

"$ref": "#/components/schemas/PerfReq"

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"maxNumberofUEs": {

"type": "number"

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"coverageAreaTAList": {

"$ref": "ngcNrm.json#/components/schemas/TACList"

},

"latency": {

"type": "number"

},

"uEMobilityLevel": {

"$ref": "#/components/schemas/MobilityLevel"

},

"resourceSharingLevel": {

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}

}

},

"SliceProfileList": {

"type": "array",

"items": {

"$ref": "#/components/schemas/SliceProfile"

}

}

}

}

}

|  |
| --- |
| **End of changes** |