**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 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-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.
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| ***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
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| ***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:

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| 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

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| --- | --- |
| 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: Floatmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: True |
| serviceProfileId | A unique identifier of property of network slice related requirement should be supported by the network slice instance. | type: Stringmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: True |
| sliceProfileId | A unique identifier of the property of network slice subnet related requirement should be supported by the network slice subnet instance. | type: Stringmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: True |
| constituentNSSIIdList | It is a list of DN of MOI(s) for the constituent NSSI associated with the network slice subnet instance. | type: DNmultiplicity: \*isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: False |
| mFIdList | It is a list of DN of the MOI(s) for the NF instances associated with the network slice subnet instance. | type: DNmultiplicity: \*isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: 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: 1isOrdered: N/AisUnique: TruedefaultValue: No default valueisNullable: 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 perfRequirementsDepending on the sST value, the list of perfRequirements will be- list of eMBBPerfReqor- list of uRLLCPerfReqor- list of mIoTPerfReqNOTE: 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/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: 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: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: False |
| coverageAreaTAList | An attribute specifies a list of <TrackingArea> where the NSI can be selected. | type: <<dataType>>multiplicity: 1..\*isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: 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: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: 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: ENUMmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: 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: ENUMmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: YesisNullable: 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: ENUMmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: YesisNullable: 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/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: 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/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: False |
| sST | This parameter specifies the slice/service type for a ServiceProfile..See clause 5.15.2 of 3GPP TS 23.501 [2]. | type: Integermultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: False |
| NetworkSlice.networkSliceSubnetRef | This holds a DN of NetworkSliceSubnet relating to the NetworkSlice instance. | type: DNmultiplicity: 1isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False |
| NetworkSliceSubnet.networkSliceSubnetRef | This holds a list of DN of constituent NetworkSliceSubnet supporting NetworkSliceSubnet instance  | type: DNmultiplicity: \*isOrdered: N/AisUnique: N/AdefaultValue: NoneisNullable: False |
| managedFunctionRef | This holds a list of DN of ManagedFunction instances supporting the NetworkSliceSubnet instance. | type: DNmultiplicity: \*isOrdered: N/AisUnique: N/AdefaultValue: NoneallowedValues: N/AisNullable: False |

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| **Third change** |

Annex B (normative):
Void

# B.1 Void

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# 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>

|  |
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| **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"

 }

 },

 "SliceProfile": {

 "type": "object",

 "properties": {

 "sliceProfileId": {

 "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"

 },

 "resourceSharingLevel": {

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

 }

 }

 },

 "SliceProfileList": {

 "type": "array",

 "items": {

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

 }

 }

 }

 }

}

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