**3GPP TSG-SA5 Meeting #155 *S5-242461***

**Jeju, Korea (Republic Of), 27th May 2024 - 31st May 2024**

|  |
| --- |
| *CR-Form-v12.3* |
| **CHANGE REQUEST** |
|  |
|  | **28.623** | **CR** | **0353** | **rev** | **-** | **Current version:** | **18.6.0** |  |
|  |
| *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 |  | Radio Access Network | **X** | Core Network | **X** |

|  |
| --- |
|  |
| ***Title:***  | Rel-18 CR TS 28.623 Change NpnId from dataType to choice to align with TS 38.331 |
|  |  |
| ***Source to WG:*** | China Telecom, Nokia, Nokia Shanghai Bell, CATT, Huawei |
| ***Source to TSG:*** | S5 |
|  |  |
| ***Work item code:*** | TEI18  |  | ***Date:*** | 2024-05-17 |
|  |  |  |  |  |
| ***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 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:*** | Observations:1. As defined in TS 38.331 clause 6.3.2, the type of IE NPN-Identity is CHOICE. So the definition of NpnId in TS 28.622 clause 4.3.66 need to be fixed.

A screenshot of a computer code  Description automatically generated1. In TS28.541, clause 4.3.66, NPNIdentity is a definition for NPN-Identity. There should be no duplicate definition for the same Information Element.
2. The related stage 3 in TS 28.623 and TS28.541 are implemented twice, the one in TS28.541 is aligned with Stage 2 definition.

(To avoid confusion, the definition shall be aligned with that in TS38.331 in TS28.622, and remove the duplicated definition in TS 28.541 and refer to that from TS 28.622, correct the related stage 3 in TS28.623, in TS28.541, the stage 3 can simply refer to that in TS28.623) |
|  |  |
| ***Summary of change:*** | Change NpnId from dataType to choice. |
|  |  |
| ***Consequences if not approved:*** | Incorrect definition may cause confusion and implementation error. |
|  |  |
| ***Clauses affected:*** | (Note: normative Stage 3 code is in Forge) |
|  |  |
|  | **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 28.622 CR 0370 TS 28.541 CR 1244 |
|  |  |
| ***Other comments:*** | Forge MR link: https://forge.3gpp.org/rep/sa5/MnS/-/merge\_requests/1155 at commit 1c0c2c1b13b776c2445a196b105da9a771c99e20 |
|  |  |
| ***This CR's revision history:*** |  |

\*\*\* START OF CHANGE 1 \*\*\*

\*\*\* OpenAPI/TS28623\_GenericNrm.yaml \*\*\*

<CODE BEGINS>

openapi: 3.0.1

info:

 title: Generic NRM

 version: 18.6.0

 description: >-

 OAS 3.0.1 definition of the Generic NRM

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externalDocs:

 description: 3GPP TS 28.623; Generic NRM

 url: http://www.3gpp.org/ftp/Specs/archive/28\_series/28.623/

paths: {}

components:

 schemas:

#-------- Definition of types-----------------------------------------------------

 RegistrationState:

 type: string

 enum:

 - REGISTERED

 - DEREGISTERED

 VnfParameter:

 type: object

 properties:

 vnfInstanceId:

 type: string

 vnfdId:

 type: string

 flavourId:

 type: string

 autoScalable:

 type: boolean

 PeeParameter:

 type: object

 properties:

 siteIdentification:

 type: string

 siteDescription:

 type: string

 siteLatitude:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Latitude'

 siteLongitude:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Longitude'

 siteAltitude:

 type: number

 format: float

 equipmentType:

 type: string

 environmentType:

 type: string

 powerInterface:

 type: string

 Operation:

 type: object

 properties:

 name:

 type: string

 allowedNFTypes:

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

 operationSemantics:

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

 NFType:

 type: string

 description: ' NF name defined in TS 23.501 or TS 29.510'

 enum:

 - NRF

 - UDM

 - AMF

 - SMF

 - AUSF

 - NEF

 - PCF

 - SMSF

 - NSSF

 - UDR

 - LMF

 - GMLC

 - 5G\_EIR

 - SEPP

 - UPF

 - N3IWF

 - AF

 - UDSF

 - DN

 - BSF

 - CHF

 - NWDAF

 - PCSCF

 - CBCF

 - HSS

 - UCMF

 - SOR\_AF

 - SPAF

 - MME

 - SCSAS

 - SCEF

 - SCP

 - NSSAAF

 - ICSCF

 - SCSCF

 - DRA

 - IMS\_AS

 - AANF

 - 5G\_DDNMF

 - NSACF

 - MFAF

 - EASDF

 - DCCF

 - MB\_SMF

 - TSCTSF

 - ADRF

 - GBA\_BSF

 - CEF

 - MB\_UPF

 - NSWOF

 - PKMF

 - MNPF

 - SMS\_GMSC

 - SMS\_IWMSC

 - MBSF

 - MBSTF

 - PANF

 - TNGF

 - W\_AGF

 - TWIF

 - TSN\_AF

 OperationSemantics:

 type: string

 enum:

 - REQUEST\_RESPONSE

 - SUBSCRIBE\_NOTIFY

 SAP:

 type: object

 properties:

 host:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/HostAddr'

 port:

 type: integer

 NFServiceType:

 type: string

 enum:

 - Namf\_Communication

 - Namf\_EventExposure

 - Namf\_MT

 - Namf\_Location

 - Nsmf\_PDUSession

 - Nsmf\_EventExposure

 - Others

 TransportProtocol:

 anyOf:

 - type: string

 enum:

 - TCP

 - type: string

 SupportedPerfMetricGroup:

 type: object

 properties:

 performanceMetrics:

 type: array

 items:

 type: string

 granularityPeriods:

 type: array

 items:

 type: integer

 minimum: 1

 reportingMethods:

 type: array

 items:

 type: string

 enum:

 - FILE\_BASED\_LOC\_SET\_BY\_PRODUCER

 - FILE\_BASED\_LOC\_SET\_BY\_CONSUMER

 - STREAM\_BASED

 reportingPeriods:

 type: array

 items:

 type: integer

 minimum: 1

 ReportingCtrl:

 oneOf:

 - type: object

 properties:

 fileReportingPeriod:

 type: integer

 - type: object

 properties:

 fileReportingPeriod:

 type: integer

 notificationRecipientAddress:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Uri'

 - type: object

 properties:

 fileReportingPeriod:

 type: integer

 fileLocation:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Uri'

 - type: object

 properties:

 streamTarget:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Uri'

 Scope:

 oneOf:

 - type: object

 properties:

 scopeType:

 type: string

 enum:

 - BASE\_ONLY

 - BASE\_ALL

 - BASE\_NTH\_LEVEL

 - BASE\_SUBTREE

 scopeLevel:

 type: integer

 - type: object

 properties:

 dataNodeSelector:

 type: string

 ProcessMonitor:

 description: >-

 This data type is the "ProcessMonitor" data type without specialisations.

 type: object

 properties:

 jobId:

 type: string

 status:

 type: string

 enum:

 - NOT\_STARTED

 - RUNNING

 - FINSHED

 - FAILED

 - PARTIALLY\_FAILED

 - CANCELLING

 - CANCELLED

 progressPercentage:

 type: integer

 minimum: 0

 maximum: 100

 progressStateInfo:

 type: string

 resultStateInfo:

 type: string

 startTime:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/DateTime'

 endTime:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/DateTime'

 timer:

 type: integer

 AreaScope:

 oneOf:

 - type: array

 items:

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

 - type: array

 items:

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

 - type: array

 items:

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

 - type: array

 items:

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

 - type: array

 items:

 $ref: '#/components/schemas/NpnId-Type'

 Tai:

 type: object

 properties:

 mcc:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Mcc'

 mnc:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Mnc'

 tac:

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

 Tac:

 type: string

 pattern: '(^[A-Fa-f0-9]{4}$)|(^[A-Fa-f0-9]{6}$)'

 EutraCellId:

 type: string

 pattern: '^[A-Fa-f0-9]{7}$'

 NrCellId:

 type: string

 pattern: '^[A-Fa-f0-9]{9}$'

 IpAddr:

 oneOf:

 - $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Ipv4Addr'

 - $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Ipv6Addr'

 SchedulingTime:

 oneOf:

 - $ref: 'TS28623\_ComDefs.yaml#/components/schemas/TimeWindow'

 - type: object

 properties:

 timeIntervals:

 type: array

 items:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/TimeInterval'

 - type: object

 properties:

 timeIntervals:

 type: array

 items:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/TimeInterval'

 daysOfWeek:

 type: array

 items:

 type: string

 enum:

 - MONDAY

 - TUESDAY

 - WEDNESDAY

 - THURSDAY

 - FRIDAY

 - SATURDAY

 - SUNDAY

 - type: object

 properties:

 timeIntervals:

 type: array

 items:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/TimeInterval'

 daysOfMonth:

 type: array

 items:

 type: integer

 minimum: 0

 maximum: 31

 NpnId-Type:

 type: object

 properties:

 plmnId:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/PlmnId'

 cAGIdList:

 type: array

 items:

 type: string

 minItems: 1

 maxItems: 256

 nIDList:

 type: array

 items:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Nid'

 minItems: 1

 maxItems: 16

 oneOf:

 - required: [plmnId, cAGIdList]

 - required: [plmnId, nIDList]

#-------- Definition of abstract IOC Top -----------------------------------------

 Top-Attr:

 # This definition will be deprecated, when all occurances of Top-Attr

 # are replaced by Top.

 type: object

 properties:

 id:

 type: string

 nullable: true

 objectClass:

 type: string

 objectInstance:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Dn'

 VsDataContainer:

 $ref: '#/components/schemas/VsDataContainer-Multiple'

 required:

 - id

 Top:

 type: object

 properties:

 id:

 type: string

 nullable: true

 objectClass:

 type: string

 objectInstance:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Dn'

 VsDataContainer:

 $ref: '#/components/schemas/VsDataContainer-Multiple'

 required:

 - id

#-------- Definition of IOCs with new name-containments defined in other TS ------

 SubNetwork-Attr:

 type: object

 properties:

 dnPrefix:

 type: string

 userLabel:

 type: string

 userDefinedNetworkType:

 type: string

 setOfMcc:

 type: array

 items:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Mcc'

 priorityLabel:

 type: integer

 supportedPerfMetricGroups:

 type: array

 items:

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

 supportedTraceMetrics:

 type: array

 items:

 type: string

 ManagedElement-Attr:

 type: object

 properties:

 dnPrefix:

 type: string

 managedElementTypeList:

 type: array

 items:

 type: string

 userLabel:

 type: string

 locationName:

 type: string

 managedBy:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/DnList'

 vendorName:

 type: string

 userDefinedState:

 type: string

 swVersion:

 type: string

 priorityLabel:

 type: integer

 supportedPerfMetricGroups:

 type: array

 items:

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

 supportedTraceMetrics:

 type: array

 items:

 type: string

 SubNetwork-ncO:

 type: object

 properties:

 ManagementNode:

 $ref: '#/components/schemas/ManagementNode-Multiple'

 MnsAgent:

 $ref: '#/components/schemas/MnsAgent-Multiple'

 MeContext:

 $ref: '#/components/schemas/MeContext-Multiple'

 PerfMetricJob:

 $ref: 'TS28623\_PmControlNrm.yaml#/components/schemas/PerfMetricJob-Multiple'

 ThresholdMonitor:

 $ref: 'TS28623\_ThresholdMonitorNrm.yaml#/components/schemas/ThresholdMonitor-Multiple'

 TraceJob:

 $ref: 'TS28623\_TraceControlNrm.yaml#/components/schemas/TraceJob-Multiple'

 ManagementDataCollection:

 $ref: 'TS28623\_ManagementDataCollectionNrm.yaml#/components/schemas/ManagementDataCollection-Multiple'

 NtfSubscriptionControl:

 $ref: 'TS28623\_SubscriptionControlNrm.yaml#/components/schemas/NtfSubscriptionControl-Multiple'

 AlarmList:

 $ref: 'TS28111\_FaultNrm.yaml#/components/schemas/AlarmList-Single'

 FileDownloadJob:

 $ref: 'TS28623\_FileManagementNrm.yaml#/components/schemas/FileDownloadJob-Multiple'

 Files:

 $ref: 'TS28623\_FileManagementNrm.yaml#/components/schemas/Files-Multiple'

 MnsRegistry:

 $ref: 'TS28623\_MnSRegistryNrm.yaml#/components/schemas/MnsRegistry-Single'

 Scheduler:

 $ref: '#/components/schemas/Scheduler-Multiple'

 ConditionMonitor:

 $ref: '#/components/schemas/ConditionMonitor-Multiple'

 SupportedNotifications:

 $ref: '#/components/schemas/SupportedNotifications-Single'

 QMCJobs:

 $ref: 'TS28623\_QoEMeasurementCollectionNrm.yaml#/components/schemas/QMCJob-Multiple'

 ManagedElement-ncO:

 type: object

 properties:

 MnsAgent:

 $ref: '#/components/schemas/MnsAgent-Multiple'

 PerfMetricJob:

 $ref: 'TS28623\_PmControlNrm.yaml#/components/schemas/PerfMetricJob-Multiple'

 ThresholdMonitor:

 $ref: 'TS28623\_ThresholdMonitorNrm.yaml#/components/schemas/ThresholdMonitor-Multiple'

 TraceJob:

 $ref: 'TS28623\_TraceControlNrm.yaml#/components/schemas/TraceJob-Multiple'

 NtfSubscriptionControl:

 $ref: 'TS28623\_SubscriptionControlNrm.yaml#/components/schemas/NtfSubscriptionControl-Multiple'

 AlarmList:

 $ref: 'TS28111\_FaultNrm.yaml#/components/schemas/AlarmList-Single'

 FileDownloadJob:

 $ref: 'TS28623\_FileManagementNrm.yaml#/components/schemas/FileDownloadJob-Multiple'

 Files:

 $ref: 'TS28623\_FileManagementNrm.yaml#/components/schemas/Files-Multiple'

 Scheduler:

 $ref: '#/components/schemas/Scheduler-Multiple'

 ConditionMonitor:

 $ref: '#/components/schemas/ConditionMonitor-Multiple'

 SupportedNotifications:

 $ref: '#/components/schemas/SupportedNotifications-Single'

 QMCJobs:

 $ref: 'TS28623\_QoEMeasurementCollectionNrm.yaml#/components/schemas/QMCJob-Multiple'

#-------- Definition of abstract IOCs --------------------------------------------

 ManagedFunction-Attr:

 type: object

 properties:

 userLabel:

 type: string

 vnfParametersList:

 type: array

 items:

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

 peeParametersList:

 type: array

 items:

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

 priorityLabel:

 type: integer

 supportedPerfMetricGroups:

 type: array

 items:

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

 supportedTraceMetrics:

 type: array

 items:

 type: string

 EP\_RP-Attr:

 type: object

 properties:

 userLabel:

 type: string

 farEndEntity:

 type: string

 supportedPerfMetricGroups:

 type: array

 items:

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

 ManagedFunction-ncO:

 type: object

 properties:

 PerfMetricJob:

 $ref: 'TS28623\_PmControlNrm.yaml#/components/schemas/PerfMetricJob-Multiple'

 ThresholdMonitor:

 $ref: 'TS28623\_ThresholdMonitorNrm.yaml#/components/schemas/ThresholdMonitor-Multiple'

 ManagedNFService:

 $ref: '#/components/schemas/ManagedNFService-Multiple'

 TraceJob:

 $ref: 'TS28623\_TraceControlNrm.yaml#/components/schemas/TraceJob-Multiple'

#-------- Definition of concrete IOCs --------------------------------------------

 VsDataContainer-Single:

 type: object

 properties:

 id:

 type: string

 attributes:

 type: object

 properties:

 vsDataType:

 type: string

 vsDataFormatVersion:

 type: string

 vsData:

 nullable: true

 VsDataContainer:

 $ref: '#/components/schemas/VsDataContainer-Multiple'

 ManagedNFService-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 userLabel:

 type: string

 nFServiceType:

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

 sAP:

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

 operations:

 type: array

 items:

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

 administrativeState:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/AdministrativeState'

 operationalState:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/OperationalState'

 usageState:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/UsageState'

 registrationState:

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

 ManagementNode-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 userLabel:

 type: string

 managedElements:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/DnList'

 vendorName:

 type: string

 userDefinedState:

 type: string

 locationName:

 type: string

 swVersion:

 type: string

 MnsAgent:

 $ref: '#/components/schemas/MnsAgent-Multiple'

 MnsAgent-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 systemDN:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/Dn'

 MeContext-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 dnPrefix:

 type: string

 Scheduler-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 schedulingTimes:

 type: array

 items:

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

 minItems: 1

 schedulerStatus:

 type: boolean

 ConditionMonitor-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 condition:

 type: string

 conditionStatus:

 type: boolean

 SupportedNotifications-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - type: object

 properties:

 attributes:

 type: object

 properties:

 notificationTypes:

 type: array

 items:

 $ref: 'TS28623\_ComDefs.yaml#/components/schemas/NotificationType'

 notificationProtocols:

 type: array

 items:

 type: string

 enum:

 - HTTP

 - HTTP\_VES\_ENCAPS

 minItems: 1

 SubNetwork-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - $ref: '#/components/schemas/SubNetwork-Attr'

 - $ref: '#/components/schemas/SubNetwork-ncO'

 - $ref: '#/components/schemas/SubNetwork-Multiple'

 - $ref: '#/components/schemas/ManagedElement-Multiple'

 - $ref: 'TS28104\_MdaNrm.yaml#/components/schemas/SubNetwork-ncO-MdaNrm'

 - $ref: 'TS28105\_AiMlNrm.yaml#/components/schemas/SubNetwork-ncO-AiMlNrm'

 - $ref: 'TS28312\_IntentNrm.yaml#/components/schemas/SubNetwork-ncO-IntentNrm'

 - $ref: 'TS28317\_RanScNrm.yaml#/components/schemas/SubNetwork-ncO-RanScNrm'

 - $ref: 'TS28536\_CoslaNrm.yaml#/components/schemas/SubNetwork-ncO-CoslaNrm'

 - $ref: 'TS28538\_EdgeNrm.yaml#/components/schemas/SubNetwork-ncO-EdgeNrm'

 - $ref: 'TS28541\_SliceNrm.yaml#/components/schemas/SubNetwork-ncO-SliceNrm'

 - $ref: 'TS28541\_NrNrm.yaml#/components/schemas/SubNetwork-ncO-NrNrm'

 - $ref: 'TS28541\_5GcNrm.yaml#/components/schemas/SubNetwork-ncO-5GcNrm'

 - $ref: 'TS28318\_DsoNrm.yaml#/components/schemas/SubNetwork-ncO-DsoNrm'

 ManagedElement-Single:

 allOf:

 - $ref: '#/components/schemas/Top'

 - $ref: '#/components/schemas/ManagedElement-Attr'

 - $ref: '#/components/schemas/ManagedElement-ncO'

 - $ref: 'TS28104\_MdaNrm.yaml#/components/schemas/ManagedElement-ncO-MdaNrm'

 - $ref: 'TS28105\_AiMlNrm.yaml#/components/schemas/ManagedElement-ncO-AiMlNrm'

 - $ref: 'TS28536\_CoslaNrm.yaml#/components/schemas/ManagedElement-ncO-CoslaNrm'

 - $ref: 'TS28541\_NrNrm.yaml#/components/schemas/ManagedElement-ncO-NrNrm'

 - $ref: 'TS28541\_5GcNrm.yaml#/components/schemas/ManagedElement-ncO-5GcNrm'

#-------- Definition of YAML arrays for name-contained IOCs ----------------------

 VsDataContainer-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/VsDataContainer-Single'

 ManagedNFService-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/ManagedNFService-Single'

 ManagementNode-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/ManagementNode-Single'

 MnsAgent-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/MnsAgent-Single'

 MeContext-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/MeContext-Single'

 Scheduler-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/Scheduler-Single'

 ConditionMonitor-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/ConditionMonitor-Single'

 SubNetwork-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/SubNetwork-Single'

 ManagedElement-Multiple:

 type: array

 items:

 $ref: '#/components/schemas/ManagedElement-Single'

#-------- Definitions in TS 28.623 for TS 28.532 ---------------------------------

 resources-genericNrm:

 oneOf:

 - $ref: '#/components/schemas/VsDataContainer-Single'

 - $ref: '#/components/schemas/ManagementNode-Single'

 - $ref: '#/components/schemas/MnsAgent-Single'

 - $ref: '#/components/schemas/MeContext-Single'

 - $ref: '#/components/schemas/ManagedNFService-Single'

 - $ref: '#/components/schemas/Scheduler-Single'

 - $ref: '#/components/schemas/ConditionMonitor-Single'

 - $ref: '#/components/schemas/SupportedNotifications-Single'

 - $ref: '#/components/schemas/SubNetwork-Single'

 - $ref: '#/components/schemas/ManagedElement-Single'

<CODE ENDS>

\*\*\* END OF CHANGE 1 \*\*\*