3GPP TSG SA WG5 Meeting 151 S5-23-NormForge18a

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *CR-Form-v12.1* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | 28.541 | **CR** |  | **rev** |  | **Current version:** | 18 |  |
|  | | | | | | | | |
| *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 28.541 Move normative YANG code to Forge | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Ericsson Hungary | | | | | | | | | |
| ***Source to TSG:*** |  | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | TEI18 | | | | |  | ***Date:*** | | |  |
|  |  | | | |  | |  | | |  |
| ***Category:*** | C |  | | | | | ***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-15 (Release 15) Rel-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Improve methods of code handling following   * S5-235145 DP on Using Forge-Git as the primary storage for Code * SP-231201 Add Forge as a potential normative storage for Code | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Move normative YANG code to Forge | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***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:*** | |  | | | | | | | | |

***First change***

7 Solution Set (SS)

The present document defines the following NRM Solution Set definitions for NR and NG-RAN:

- YAML based 3GPP NR and NG-RAN NRM Solution Set (Annex D).

The present document defines the following NRM Solution Set definitions for 5GC:

- YAML based 3GPP 5GC NRM Solution Set (Annex G).

The present document defines the following NRM Solution Set definitions for network slice and network slice subnet:

- YAML based 3GPP Network Slice NRM Solution Set (Annex J).

## 7.1 YANG-Netconf Solution Set, YANG Definitions

### 7.1.1 YANG Definitions for NR and NG-RAN

The definitions are specified in Forge at [Tag\_Rel18\_SA102 Browse files](https://forge.3gpp.org/rep/sa5/MnS/-/tree/Tag_Rel18_SA102)

Directory: yang-models

Files:

\_3gpp-nr-nrm-beam.yang

\_3gpp-nr-nrm-bwp.yang

\_3gpp-nr-nrm-bwpset.yang

\_3gpp-nr-nrm-cesmanagementfunction.yang

\_3gpp-nr-nrm-commonbeamformingfunction.yang

\_3gpp-nr-nrm-cpciconfigurationfunction.yang

\_3gpp-nr-nrm-danrmanagementfunction.yang

\_3gpp-nr-nrm-desmanagementfunction.yang

\_3gpp-nr-nrm-dlbofunction.yang

\_3gpp-nr-nrm-dmrofunction.yang

\_3gpp-nr-nrm-dpciconfigurationfunction.yang

\_3gpp-nr-nrm-drachoptimizationfunction.yang

\_3gpp-nr-nrm-ep.yang

\_3gpp-nr-nrm-eutrancellrelation.yang

\_3gpp-nr-nrm-eutranetwork.yang

\_3gpp-nr-nrm-eutranfreqrelation.yang

\_3gpp-nr-nrm-eutranfrequency.yang

\_3gpp-nr-nrm-externalamffunction.yang

\_3gpp-nr-nrm-externalenbfunction.yang

\_3gpp-nr-nrm-externaleutrancell.yang

\_3gpp-nr-nrm-externalgnbcucpfunction.yang

\_3gpp-nr-nrm-externalgnbcuupfunction.yang

\_3gpp-nr-nrm-externalgnbdufunction.yang

\_3gpp-nr-nrm-externalnrcellcu.yang

\_3gpp-nr-nrm-externalservinggwfunction.yang

\_3gpp-nr-nrm-externalupffunction.yang

\_3gpp-nr-nrm-gnbcucpfunction.yang

\_3gpp-nr-nrm-gnbcuupfunction.yang

\_3gpp-nr-nrm-gnbdufunction.yang

\_3gpp-nr-nrm-nrcellcu.yang

\_3gpp-nr-nrm-nrcelldu.yang

\_3gpp-nr-nrm-nrcellrelation.yang

\_3gpp-nr-nrm-nrfreqrelation.yang

\_3gpp-nr-nrm-nrfrequency.yang

\_3gpp-nr-nrm-nrnetwork.yang

\_3gpp-nr-nrm-nroperatorcelldu.yang

\_3gpp-nr-nrm-nrsectorcarrier.yang

\_3gpp-nr-nrm-operatordu.yang

\_3gpp-nr-nrm-rimrsset.yang

\_3gpp-nr-nrm-rrmpolicy.yang

### 7.1.2 YANG Definitions for 5GC

The definitions are specified in Forge at [Tag\_Rel18\_SA102 Browse files](https://forge.3gpp.org/rep/sa5/MnS/-/tree/Tag_Rel18_SA102)

Directory: yang-models

Files:

\_3gpp-5gc-nrm-affunction.yang

\_3gpp-5gc-nrm-amffunction.yang

\_3gpp-5gc-nrm-amfregion.yang

\_3gpp-5gc-nrm-amfset.yang

\_3gpp-5gc-nrm-ausffunction.yang

\_3gpp-5gc-nrm-configurable5qiset.yang

\_3gpp-5gc-nrm-dnfunction.yang

\_3gpp-5gc-nrm-dynamic5qiset.yang

\_3gpp-5gc-nrm-ep.yang

\_3gpp-5gc-nrm-externalnrffunction.yang

\_3gpp-5gc-nrm-externalnssffunction.yang

\_3gpp-5gc-nrm-externalseppfunction.yang

\_3gpp-5gc-nrm-FiveQiDscpMappingSet.yang

\_3gpp-5gc-nrm-GtpUPathQoSMonitoringControl.yang

\_3gpp-5gc-nrm-lmffunction.yang

\_3gpp-5gc-nrm-n3iwffunction.yang

\_3gpp-5gc-nrm-neffunction.yang

\_3gpp-5gc-nrm-nfprofile.yang

\_3gpp-5gc-nrm-nfservice.yang

\_3gpp-5gc-nrm-ngeirfunction.yang

\_3gpp-5gc-nrm-nrffunction.yang

\_3gpp-5gc-nrm-nssffunction.yang

\_3gpp-5gc-nrm-nwdaffunction.yang

\_3gpp-5gc-nrm-pcffunction.yang

\_3gpp-5gc-nrm-predefinedpccruleset.yang

\_3gpp-5gc-nrm-QFQoSMonitoringControl.yang

\_3gpp-5gc-nrm-scpfunction.yang

\_3gpp-5gc-nrm-seppfunction.yang

\_3gpp-5gc-nrm-smffunction.yang

\_3gpp-5gc-nrm-smsffunction.yang

\_3gpp-5gc-nrm-udmfunction.yang

\_3gpp-5gc-nrm-udrfunction.yang

\_3gpp-5gc-nrm-udsffunction.yang

\_3gpp-5gc-nrm-upffunction.yang

\_3gpp-5g-common-yang-types.yang

### 7.1.3 YANG Definitions for slice and network slice subnet

The definitions are specified in Forge at [Tag\_Rel18\_SA102 Browse files](https://forge.3gpp.org/rep/sa5/MnS/-/tree/Tag_Rel18_SA102)

Directory: yang-models

Files:

\_3gpp-ns-nrm-common.yang

\_3gpp-ns-nrm-networkslice.yang

\_3gpp-ns-nrm-networkslicesubnet.yang

\_3gpp-ns-nrm-serviceprofile.yang

\_3gpp-ns-nrm-sliceprofile.yang

***Next change***

Annex E Void

***Next change***

Annex H Void

***Next change***

Annex N Void

***End of changes***