**3GPP TSG-RAN3 Meeting #108-e *R3-203648***

**E-meeting, 01 - 12 June 2020**

**Title:** (TP for WWC BL CR for TS 38.413) Support for interfacing wireline and trusted non-3GPP access to the 5GC

**Source:** Huawei, Telecom Italia, BT, Broadcom, Nokia, Nokia Shanghai Bell

**Agenda item:** 21.2

**Document for:** Other

# Annex – TP

|  |
| --- |
| **Change Begins** |

9.2.5.1 INITIAL UE MESSAGE

This message is sent by the NG-RAN node to transfer the initial layer 3 message to the AMF over the NG interface.

Direction: NG-RAN node → AMF

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| IE/Group Name | Presence | Range | IE type and reference | Semantics description | Criticality | Assigned Criticality |
| Message Type | M |  | 9.3.1.1 |  | YES | ignore |
| RAN UE NGAP ID | M |  | 9.3.3.2 |  | YES | reject |
| NAS-PDU | M |  | 9.3.3.4 |  | YES | reject |
| User Location Information | M |  | 9.3.1.16 |  | YES | reject |
| RRC Establishment Cause | M |  | 9.3.1.111 |  | YES | ignore |
| 5G-S-TMSI | O |  | 9.3.3.20 |  | YES | reject |
| AMF Set ID | O |  | 9.3.3.12 |  | YES | ignore |
| UE Context Request | O |  | ENUMERATED (requested, ...) |  | YES | ignore |
| Allowed NSSAI | O |  | 9.3.1.31 |  | YES | reject |
| Source to Target AMF Information Reroute | O |  | 9.3.3.27 |  | YES | Ignore |
| Authenticated Indication | O |  | ENUMERATED (true, …) | Indicates the authentication is performed for the FN-RG by the wireline 5G access networks. | YES | ignore |
| Selected PLMN Identity | O |  | PLMN Identity9.3.3.5 |  | YES | Ignore |

/\*\*\*\*\*\*\*\*Skip to next change\*\*\*\*\*\*\*\*\*\*/

9.3.1.cc W-AGF User Location Information

This IE indicates the location information via wireline access as specified in TS 23.316 [x].

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **IE/Group Name** | **Presence** | **Range** | **IE type and reference** | **Semantics description** |
| CHOICE *W-AGF User Location Information* | M |  |  |  |
| >*Global Line ID* |  |  |  |  |
| >>Global Line ID | M |  | OCTET STRING | Encoded as defined in TS 23.003 [23]. |
| >>Line Type | O |  | ENUMERATED (DSL, PON, …) |  |
| >*HFC Node ID* |  |  |  |  |
| >>HFC Node ID | M |  | OCTET STRING | Indicates the identifier of the HFC node as specified in [m]. Encoded as defined in TS 23.003 [23]. |

/\*\*\*\*\*\*\*\*Skip to next change\*\*\*\*\*\*\*\*\*\*/

###

### 9.4.4 PDU Definitions

<Unchanged Text Omitted>

 WarningSecurityInfo,

 WarningType,

 RIMInformationTransfer,

 RGLevelWirelineAccessCharacteristics,

 AuthenticatedIndication,

 PLMNIdentity

<Unchanged Text Omitted>

 id-WarningSecurityInfo,

 id-WarningType,

 id-RIMInformationTransfer,

 id-RGLevelWirelineAccessCharacteristics,

 id-W-AGFIdentityInformation,

 id-AuthenticatedIndication,

 id-TNGFIdentityInformation,

 id-TWIFIdentityInformation,

 id-SelectedPLMNIdentity

<Unchanged Text Omitted>

InitialUEMessage ::= SEQUENCE {

 protocolIEs ProtocolIE-Container { {InitialUEMessage-IEs} },

 ...

}

InitialUEMessage-IEs NGAP-PROTOCOL-IES ::= {

 { ID id-RAN-UE-NGAP-ID CRITICALITY reject TYPE RAN-UE-NGAP-ID PRESENCE mandatory }|

 { ID id-NAS-PDU CRITICALITY reject TYPE NAS-PDU PRESENCE mandatory }|

 { ID id-UserLocationInformation CRITICALITY reject TYPE UserLocationInformation PRESENCE mandatory }|

 { ID id-RRCEstablishmentCause CRITICALITY ignore TYPE RRCEstablishmentCause PRESENCE mandatory }|

 { ID id-FiveG-S-TMSI CRITICALITY reject TYPE FiveG-S-TMSI PRESENCE optional }|

 { ID id-AMFSetID CRITICALITY ignore TYPE AMFSetID PRESENCE optional }|

 { ID id-UEContextRequest CRITICALITY ignore TYPE UEContextRequest PRESENCE optional }|

 { ID id-AllowedNSSAI CRITICALITY reject TYPE AllowedNSSAI PRESENCE optional }|

 { ID id-SourceToTarget-AMFInformationReroute CRITICALITY ignore TYPE SourceToTarget-AMFInformationReroute PRESENCE optional }|

 { ID id-AuthenticatedIndication CRITICALITY ignore TYPE AuthenticatedIndication PRESENCE optional }|

 { ID id-SelectedPLMNIdentity CRITICALITY ignore TYPE PLMNIdentity PRESENCE optional },

 ...

}

<Unchanged Text Omitted>

GlobalLine-ID ::= SEQUENCE {

 globalLineIdentity GlobalLineIdentity,

 lineType LineType OPTIONAL,

 iE-Extensions ProtocolExtensionContainer { {GlobalLine-ID-ExtIEs} } OPTIONAL,

 ...

}

GlobalLine-ID-ExtIEs NGAP-PROTOCOL-EXTENSION ::= {

 ...

}

GlobalLineIdentity ::= OCTET STRING

LineType ::= ENUMERATED {

 dsl,

 pon,

 ...

}

<Unchanged Text Omitted>

### 9.4.7 Constant Definitions

<Unchanged Text Omitted>

 id-ExtendedRATRestrictionInformation ProtocolIE-ID ::= 180

 id-QosMonitoringRequest ProtocolIE-ID ::= 181

 id-SgNB-UE-X2AP-ID ProtocolIE-ID ::= 182

 id-RGLevelWirelineAccessCharacteristics ProtocolIE-ID ::= 183

 id-W-AGFIdentityInformation ProtocolIE-ID ::= 184

 id-GlobalTNGF-ID ProtocolIE-ID ::= 185

 id-GlobalTWIF-ID ProtocolIE-ID ::= 186

 id-GlobalW-AGF-ID ProtocolIE-ID ::= 187

 id-UserLocationInformationW-AGF ProtocolIE-ID ::= 188

 id-UserLocationInformationTNGF ProtocolIE-ID ::= 189

 id-AuthenticatedIndication ProtocolIE-ID ::= 190

 id-TNGFIdentityInformation ProtocolIE-ID ::= 191

 id-TWIFIdentityInformation ProtocolIE-ID ::= 192

 id-UserLocationInformationTWIF ProtocolIE-ID ::= 193

 id-SelectedPLMNIdentity ProtocolIE-ID ::= xxx

END

-- ASN1STOP

<Unchanged Text Omitted>