**3GPP TSG SA WG2 Meeting #164 S2-240xxxx**

**Maastricht, Netherlands, 19 – 23 August, 2024** **(revision of S2-2407634)**

**Source: NEC**

**Title:** **New WID on ATSSS Rule Provisioning via 3GPP access to EPC**

**Document for: Information**

**Agenda Item: 4.1**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

Title: WID on ATSSS Rule Provisioning via 3GPP access to EPC

Acronym: TEI19\_ ARP3E

Unique identifier: TBD

Potential target Release: Rel-19

# 1 Impacts

{For Normative work, identify the anticipated impacts. For a Study, identify the scope of the study}

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Affects: | UICC apps | ME | AN | CN | Others (specify) |
| Yes |  | X |  | X |  |
| No | X |  | X |  | X |
| Don't know |  |  |  |  |  |

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

|  |  |
| --- | --- |
|  | Study  |
|  | Normative – Stage 1 |
| X | Normative – Stage 2 |
|  | Normative – Stage 3 |
|  | Normative – Other\* |

**\* Other = e.g. testing**

## 2.2 Parent Work Item

For a brand-new topic, use “N/A” in the table below. Otherwise indicate the parent Work Item.

|  |
| --- |
| Parent Work / Study Items  |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
|  |  |  | N/A |

### 2.3 Other related Work Items and dependencies

|  |
| --- |
| Other related Work /Study Items (if any) |
| Unique ID | Title | Nature of relationship |
|  |  |  |

# 3 Justification

After the establishment of a MA PDU Session, the UE receives a prioritized list of ATSSS rules from the SMF. For MA PDU Session establishment with 3GPP access connected to EPC and non-3GPP access connected to 5GC, the ATSSS rules are provided from the PGW-C+SMF to the UE via SM NAS signalling over 5GC, but ATSSS rules are not provided via 3GPP access connected to EPC.

It is beneficial for ATSSS rule provisioning if ATSSS rules can be provided via 3GPP access to EPC from Rel-19.

# 4 Objective

The following aspects will be specified:

WT 1: ATSSS rules may be provided to the UE via 3GPP access connected to EPC.

This work item will require 0.25 TU(s) to discuss and agree on the corresponding CRs.

## TU estimates and dependencies

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Work Tas ID | TU Estimate(Study) | TU Estimate(Normative) | RAN Dependency(Yes/No/Maybe) | Inter Work Tasks Dependency |
| WT 1 |  | 0.25 | No | None |

# 5 Expected Output and Time scale

***{If this WID covers both stage 2 and stage 3, clearly indicate the different completion dates.}***

|  |
| --- |
| New specifications {One line per specification. Create/delete lines as needed} |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| TS 23.502 | Support of ATSSS rule provisioning via 3GPP access to EPC | TSG#106 (Dec 2024) |  |
|  |  |  |  |

# 6 Work item Rapporteur(s)

NEC

# 7 Work item leadership

SA2

# 8 Aspects that involve other WGs

None

# 9 Supporting Individual Members

{At least 4 supporting Individual Members are needed. There is an expectation that these companies will provide resources to progress the work. Note that having 4 supporting companies is a necessary but not sufficient condition: the usual TSG approval process by consensus is needed for the WID approval}

|  |
| --- |
| Supporting IM name |
| NEC |
| China Mobile |
| China Telecom |
| Tencent |
| Charter Communications |
| Apple |
| [InterDigital](https://portal.etsi.org/webapp/TelDir/QueryOrgaInfo.asp?OrgaId=15711" \t "_blank) |
| CableLabs |
| Lenovo |
|  |