**3GPP TSG-SA5 Meeting #156 *S5-244870***

**Maastricht, Netherlands, 19 - 23 August 2024**

**Source: Nokia, Nokia Shanghai Bell**

**Title: New WID on Configuration plan management**

**Document for: Approval**

**Agenda Item: 6.2.2**

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: Configuration plan management

Acronym: PlaMan

Unique identifier:

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 |  |  |  |
| Don't know |  |  |  |  |  |

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

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

## 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 | N/A | N/A | N/A |

### 2.3 Other related Work Items and dependencies

|  |
| --- |
| Other related Work /Study Items (if any) |
| Unique ID | Title | Nature of relationship |
| 1020033 | Study on Management of planned configurations |  |

# 3 Justification

TR 28.872 "Study on Management of planned configurations" concludes with the recommendation to start normative work on configuration plan management for RAN and CN. The following topics were investigated and detailed solution proposals are provided:

* methods for adding and updating planned configurations.
* methods for validating the planned configurations.
* methods for activating the planned configurations (incl. cancellation of an ongoing activation).
* methods for managing transactions (set of plans)
* methods for conditional activation of planned configurations

This work item is to normatively specify the proposed solutions.

# 4 Objective

The objective is to specify

* WT-1 methods for adding and updating planned configurations.
* WT-2 methods for validating the planned configurations.
* WT-3 methods for activating the planned configurations (incl. cancellation of an ongoing activation).
* WT-4 methods for managing transactions (set of plans)
* WT-5 methods for conditional activation of planned configurations

## TU estimates and dependencies

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Work Task ID** | **TU Estimate****(Study)** | **TU Estimate****(Normative)** | **RAN Dependency****(Yes/No/Maybe)**  | **SA Dependency****(Yes/No/Maybe)** |
| WT-1 | 1 | 1 | No | No |
| WT-2 | 1 | 1 | No | No |
| WT-3 | 1 | 1 | No | No |
| WT-4 | 1 | 0,5 | No | No |
| WT-5 |  | 0,5 | No | No |

# 5 Expected Output and Time scale

|  |
| --- |
| 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 |
| TS | 28.XXX | Configuration plan management |  |  |  |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
|  |  |  |  |

# 6 Work item Rapporteur(s)

{Mandatory: <FamilyName>, <GivenName>, <Company>, <email address>}

{Optional: <FamilyName>, <GivenName>, <Company>, <email address>: Secondary task(s)}

# 7 Work item leadership

SA5

# 8 Aspects that involve other WGs

None.

# 9 Supporting Individual Members

|  |
| --- |
| Supporting IM name |
| Nokia |
| Ericsson |
| Verizon |
|  |
|  |
|  |