**TSG SA Meeting #SP-97E SP-220965r1**

**13 - 19 September 2022, Electronic meeting**

**Source: Moderator**

**Title: Basic Principles for Release 19 Content Planning**

**Document for: Discussion**

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**1. Introduction**

This document provides an initial set of basic principles for the Rel-19 content definition and completion for SA for discussion, with more details to be developed by SA#98e in December.

**The objective of this exercise is to focus on internal SA planning for Rel-19.**

**2. Basic principles for SA internal Rel-19 content planning**

* **Provide a coherent view of the release content**

1. Start identifying SA-wide release Themes at beginning of the release (after Stage 1 has started but before the start of Stage 2)

a. The aim of themes is to provide guidance to SA WGs on areas to focus on when defining new SI/WI

b. Themes are major items of release defined by SAPotential themes: are they keywords? Defintions or descriptions? Something else?

Examples for illustration below:

|  |  |  |
| --- | --- | --- |
| Keyword | Sensing | Ambient IoT |
| Definition / Description  | Wireless Sensing: provides sensing measurements and information about target environment(s)’ and object(s)’ characteristics (e.g. shape, size, speed, location, distances or relative motion between objects, etc.) using NR RF signals. | Ambient power-enabled Internet of Things device is an IoT device powered by energy harvesting, being either battery-less or with limited energy storage capability (i.e., using a capacitor) and the energy is provided through the harvesting of radio waves, light, motion, heat, or any other power source that could be seen suitable. It can be maintenance free and can have long life span. Ambient IoT device has low complexity, small size and it shall have lower capability than existing 3GPP IoT devices, e.g., NB-IoT devices. |

c. Individual themes can be related to work in a single WG or multiple WGs.

d. SI/WI not covered by themes are allowed

e. The input for defining themes can be based on company, SA WGs, and MRP contributions and work already done in SA1. Discussion and decisions on themes only takes place at TSG level.

f. Themes can be initially presented and discussed in a workshop linked to an SA plenary meeting

g. Themes can be further developed between the workshop and the following SA plenary meeting by moderated email discussions

* h. Number of themes to be endorsed is decided by SA independently for each release**Provide tools for WGs to manage workload**

2. Define capacity per SA WG per release

a. SA WG capacity can be a combination of maximum number of SI/WI and possibly TU budget for a WG, individual SA WGs to decide the criteria to use to define their WG capacity

b. SA WG capacity determined by SA WG leadership once release timeline decided and be made available to SA accordingly.

c. TU budget for e-meeting based on typical F2F setup

3. Consider CT WGs capacity

a. Keep minimum 9 months between Stage 2 freeze and Stage 3 freeze

4. Maintain flexibility for studies and related normative work to be in the same or in different releases

xfreeze date of previous release

* **Improve inter-WG alignment**

5. Move CT meeting to later in the week to have more overlap with SA, this is for CT plenary to consider.

6. Keep regular cross-TSG coordination between RAN, SA and CT

* **Other aspects**

7. Treat leftover work from one release on equal footing with other new proposed work in the next release

**3. Draft Rel-x Planning Timeline**

Rel-x themes defined

Rel-x Workshop

Quarter z+2

Quarter z+1

Quarter z

*Rel-(x-1) Stage 2 freeze?*

Rel-X

content defined

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Inputs**1. Companies’ and MRP theme proposals 2. TSG RAN/SA/CT leadership Rel-x timeline proposal |  | **Inputs**1. Moderators’ theme discussion summary 2. Individual SA WG resource capacity estimate |  | **Inputs**1. WG technically endorsed SI/WI, with RAN / SA WG dependencies, WG resource budget including inbound RAN dependencies |
| **SA Actions**1. From inputs, determine initial set of themes for further investigation2. Discuss and endorse timeline proposal |  | **SA Actions**1. Based on moderator summaries, select themes 2. Coordinate with RAN / CT to align themes |  | **SA Actions**1. Check WG resource capacity respected2. De-prioritise SI/WI as needed3. Co-ordinate with RAN / CT, including RAN dependencies |
| **Outputs**1. A set of themes for further discussion2. Endorsed Rel-x timeline, including Stage 2 / Stage 3 freeze |  | **Outputs**1. Endorsed list of themes |  | **Outputs**1. Approved WG SI/WI |
| **Next steps**1. moderated email discussion per theme |  | **Next steps**1. WG tasked to define SI/WI based on endorsed themes |  | **Next steps**1. WG start technical work |