**3GPP TSG-SA5 Meeting #148e *S5-233332***

Electronic meeting, Online, 17 -25 April 2023

**Source: Ericsson**

**Title: pCR 28.925 Proposal in 28.622**

**Document for: Approval**

**Agenda Item: 6.8.1.3**

# 1 Decision/action requested

***The group is asked to discuss and approval.***

# 2 References

1. 3GPP TS 28.622: "Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)
2. 3GPP TR 28.925: "Study on enhancement of service-based management architecture"

# 3 Rationale

Three alternative solutions are proposed in pCR S5-xxxxx to address the issues in TS28.622[1] as following:

1. Keep both IRP and SBMA information service in TS28.622[1]. and adding enough clarifications
2. Create a new TS for SBMA information service only and maintain TS28.622[1] for IRP information service only.
3. Create a new TS for SBMA information service only and keep TS28.622[1] as is (with a note that any SBMA related updates will be continued in the new TS after R18)

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| # | Descriptions  | Pros  | Cons  |
| 1 | Keep both IRP and SBMA information service in TS28.622[1] and adding enough clarifications | * One TS to maintain
 | * Mixed information in one TS. No clear split of the definitions for different architecture
* It is possible to do this, but there will be a lot of rewording with many repeated texts. It will increase the TS’s complexity.
* Same IOCs may have to have different definition for different architecture in long term. This will lose the readability.
* Different understandings may lead to different implementations which may lead to into interoperability is broken.
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| 2 | Create a new TS for SBMA information service only and maintain TS28.622[1] for IRP information service only | * IRP NRMs are defined in one place
* SBMA NRMs are defined in one place.
* This is a clean split which is easy for maintenance and implementation.
* Inline with the agreed proposal in 3GPP TS28.925[2] section 5.1.4 “Solution #1-2 new SBMA TS for Generic RAN NRM”
 | * External reference shall be updated, but it is anyhow required for any new 3GPP SA5 release
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| 3 | Create a new TS for SBMA information service only and keep TS28.622[1] as is (with a note that any SBMA updates will be continued in the new TS after R18) | * SBMA NRMs are defined in one place.
* Inline with the agreed proposal in 3GPP TS28.925[2] section 5.1.4 “Solution #1-2 new SBMA TS for Generic RAN NRM”
 | * External reference shall be updated, but it is anyhow required for any new 3GPP SA5 release
* Not a clean definition for IRP only architecture.
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# 4 Detailed proposals

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| **1st Change** |

# 5 Conclusion and Recommendation

### 5.x Scope of TS28.622[z1] Specification

#### 5.x.1 Solution #y-1 update TS28.622[z1]

It is recommended to not pursue the solution#y-1.

#### 5.x.2 Solution #y-2 New TS - 1

Create a new TS for Stage 2 Information Service (IS) for SBMA architecture NRM. And maintain TS28.622[z1] for IRP information service only in a future release

Note: There are ongoing working items in SA5, e.g., S5-232083 DP on restructuring TS 28-545, which may have impacts on the detail steps of this this solution.

#### 5.x.3 Solution #y-3 New TS - 2

It is recommended to not pursue the solution#y-3.

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| **End of Change** |