**3GPP TSG-SA5 Meeting #157 *S5-246216***

Hyderabad, India, 14 - 18 October 2024

**Source: Ericsson India Private Limited**

**Title: Recommendation for TS handling of IRP based solutions**

**Document for: Endorsement**

**Agenda Item: 6.1 - OAM&P Plenary**

# 1 Decision/action requested

***The group to discuss and endorse the proposal.***

# 2 References

[1] 3GPP TS 28.623 “Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions”.

[2] 3GPP TS 28.622 “Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS)”.

# 3 Rationale

Support for all IRP based solutions including XML is removed from TS 28.623[1] from release 18. Many stage 3 specifications refer to Annex A-E which are now voided. All of these specifications are upgraded and valid for release 18 and 19. Support for 3G and 4G is still in the scope of 5G.

In TS 28.622 [2], clause 1 Scope there is a statement:

Note that the present document is applicable to deployment scenarios using the Service Based Management Architecture (SBMA) as defined in TS 28.533 [32]. For deployment scenarios using the IRP framework as defined in TS 32.102 [2] the latest Rel-14 version of TS 28.622 is applicable.

## Potential issue

Regardless how much IRP based solution sets are used or not, the content of the documents has to be consistent and correct, especially when they are continuously be upgraded to new releases. A decision needs to be made to address this issue.

From release 18, support for all IRP based solutions including XML is removed from TS 28.623 [1] from release 18. Many stage 3 specifications refer to Annex A-E which are now voided. All of these specifications are upgraded and valid for release 18 and 19. Support for 3G and 4G is still in the scope of 5G.

## Conclusion

A correction has to be made. There are several options to solve the issue:

1. To put all removed text back to TS 28.623 in release 18 and 19, i.e. copy/paste from release 17.
2. Add a new clause in TS 28.623 with similar information as for TS 28.620 i.e. refer to the latest Rel-14 version of TS 28.623.
3. In clause 2 Reference of all impacted documents add revision number to reference for 28.623.

Option 1 is not recommended since the content has not been reviewed for a long time.

Option 2 above seems to be a more straight forward solution and solves the problem for now. However, for long term, we need to discuss and agree upon a more proper solution and a decision for withdrawing all old specifications and make a clean scope. There are examples of documents that are not upgraded after release 6, 9, etc. Some specifications are automatically upgraded to new releases, without checking the validity and consistency of them. An example is TS 28.620 with wrong content. There is another discussion paper from Ericsson that covers that issue.

There is no mechanism in 3GPP to filter and only see the documents valid for each release. We need to do an investigation about which documents are still valid and can be kept with or without updates. Which are not needed and can be withdrawn. If possible, introduce a mechanism for filtering the specifications per release.

# 5 Detailed proposal

The group is asked to acknowledge this issue and endorse the proposed solution.