**3GPP TSG-SA5 Meeting #157 *S5-246038***

Hyderabad, India, 14 - 18 October 2024

**Source: Nokia**

**Title: Rel-19 pCR TR 28.879 Clean up to clarify the roles of the MnS producer vs the MnF and differentiates between discovery info configuration and authorization**

**Document for: Approval**

**Agenda Item: 6.19.21**

# 1 Decision/action requested

***In this box give a very clear / short /concise statement of what is wanted.***

# 2 References

[1] 3GPP TR 28.879, " Study on OAM for service management and exposure to external consumers".

# 3 Rationale

This pCR proposes a clean-up in TR 28.879[1] to differentiate between what functionalities are provided by the MnS producer and which are provided by the management function when exposing management services to an external MnS consumers. In addition, this pCR make modifications to differentiate between the configuration of the discovery information at the CCF and the authorization to consume service APIs or management services at the AEF.

# 4 Detailed proposal

It is proposed that the following changes be made to clause 5.1 of TR 28.879 [1].

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| **Begin Change** |

## 5.1 Exposure of management services

### 5.1.X Exposure of management services through the CAPIF framework

To expose management services through the CAPIF framework, the 3GPP management system should define the functional entity to provide the API provider domain functions (i.e., API Exposing Function (AEF), API management function (AMF), API publishing function (APF)) as defined by the CAPIF framework in clause 6.3 of TS 23.222[5].

For the present document, the functional entity is called the management services exposure function (MSEF). The MSEF can consume CAPIF APIs and expose one or more management services as service APIs as indicated in Figure 5.1.X-1.



Figure 5.1.X-1: MSEF implementing the API provider domain functions as defined by the CAPIF framework and exposing management services (MnSs) to external MnS consumers as service APIs.

The MSEF implements the CAPIF API provider domain functions, and the following can apply for this function:

- The actual name of the “MSEF” will be agreed at the normative phase

- The MSEF is not a management function (MnF) as defined in TS 28.533[2], since the MSEF consumes CAPIF APIs and exposes management services through the CAPIF core function (CCF) as service APIs.

- The MSEF is not an MnS producer as defined in TS 28.533[2].

- The possible deployment options of the MSEF will be agreed at the normative phase.

- The MSEF should be able to expose one or more management services.

Editor’s Note: The content in this clause is subject to change

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| **End Change** |