**3GPP TSG-SA5 Meeting #156 *S5-244749***

**, , -**

**Source: Nokia**

**Title: Rel-19 pCR TR 28.879 Evaluation analysis for the publishing of management services use case**

**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 adding an evaluation analysis for the publishing of the management services use case in clause 5.1.2.4 of TR 28.879 [1].

# 4 Detailed proposal

It is proposed that the following changes be made in clause 5.1.2.4 of TR 28.879 [1].

|  |
| --- |
| **First Change** |

#### 5.1.2.4 Evaluation of potential solutions

The proposed solution fulfills the requirements **PREQ-FS\_MExpo-Pub-01** and **PREQ-FS\_MExpo-Pub-02** of the use case. However, with the proposed solution, there is no way for the external MnS consumer to discover only the MnS producer(s) offering specific MnS capabilities (e.g., performance monitoring, intent, network slicing, etc).

With the proposed solution, when an external MnS consumer requests to discover the service APIs, the MnS consumer will be able to discover all the MnS producer(s) as per the MnS consumer’s configured discovery scope. Depending on their configured discovery scope, the discovery results could be a lot. This implies that the external MnS consumer would have to go through each discovery result to determine the MnS capabilities offered by the different MnS producers and finally decide which MnS producer(s) to contact.

A better approach would be to have mechanisms at the CCF to:

1) Enable publishing of the MnS capabilities each MnS producer offers to the CCF. In particular, for the MnS producers where the MnSType attribute of MnSInfo IOC is the "Provisioning MnS". This would imply enhancing the service API information element provided in Table 5.1.2.3.1.2-1 with the following attribute, i.e., MnSCapability.

2) Have mechanisms at the CCF to enable the external MnS consumer to discover the published MnS capabilities offered by the different MnS producers. This would imply enhancing the CAPIF discovery query information element with the following attribute, i.e., MnSCapability.

|  |
| --- |
| **End of Change** |