**3GPP TSG-SA5 Meeting #141-e *S5-221571 revision of S5-221259***

**e-meeting, 17 -26 January 2022**

**Source: AsiaInfo, Alibaba Group**

**Title: pCR TR 28.824 Add procedure for exposed MnS registration**

**Document for: Approval**

**Agenda Item: 6.5.2**

# Decision/action requested

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

# 2 References

[1] 3GPP TR 28.824: " Study on network slice management capability exposure " V0.4.0

# 3 Rationale

This contribution proposes to add procedure for exposed MnS registration and clarify the relation to EMGF and external discovery system.

# 4 Detailed proposal

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| **First change** |

#### 7.2 Possible solutions for MnS discovery service for exposure

To enable communication between exposed MnS consumers(e.g. NSC) and exposed MnS producers, exposed MnS consumers need a mechanism to discover MnS producers that are available in the 3GPP management system. This is called MnS discovery service for exposure.

When the operator decides to expose a management service, the operator must decide which MnS(s) should be exposed, which internal MnS operations should be abstracted/filtered, and which internal MnS data should be abstracted/filtered. As part of this decision, the operator may use the MnS Discovery Service to collect information. The operator exposes the MnS data for exposed MnS with the MnS discovery service for NSC. This may be done using an EGMF.

The NSC sends a request to appropriate discovery service (e.g. MnS discovery service producer) to obtain the MnS data for exposure.

Editor’s Note: Whether the use of an MnS discovery service to collect information about services for exposure is subject to standardization by SA5 is FFS.

The detailed procedure for MnS discovery service obtains MnS data for exposure is shown below:



Figure 5.8.2.1.1 Procedure for MnS data for exposure collection

1) The MnS discovery service producer(e.g.EGMF) obtains the MnS data for exposed MnS. This can be achieved by two alternative ways:

a) MnS discovery service producer receives ordinary MnS data from MnS producer and configure the MnS data into MnS data for exposed MnS.

b) MnS producer registers MnS data for exposed MnS to the MnS discovery service producer.

2) The NSC can obtain MnS data for exposed MnS from the MnS discovery service producer either via BSS or directly.

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| **End of changes** |