**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 eMnS discovery service

To enable communication between eMnS consumers and eMnS producers, eMnS consumers need a mechanism to discover eMnS producers that are available in the 3GPP management system, this is called eMnS discovery service.

When the operator decides to expose a management service (eMnS), 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 and registers it with the eMnS discovery service, this may be done using an EGMF. The eMnS discovery service consumer sends a request to appropriate discovery service (e.g. eMnS discovery service producer) to obtain the eMnS data.

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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 eMnS register

1) The eMnS producer may use the MnS discovery service to collect information.

NOTE: The MnS data defined in MnS discovery service may be extended.

2) The operator decides which MnS(s) should be exposed and configers MnS data for exposed MnS.

3) The eMnS producer registers or configures the MnS data for exposed MnS with the MnS discovery service producer providing discovery service for the exposed MnS.

4) 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** |