**3GPP TSG-SA5 Meeting #141-eS5-221202r01**

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

**Source: Alibaba**

**Title: Resolving the exposure related EN**

**Document for: Approval**

**Agenda Item: 6.5.2**

# 1 Decision/action requested

***The group is asked to agree the text in detailed proposal.***

# 2 References

Not applicable

# 3 Rationale

This contribution proposes to address the exposure related EN in clause 4.1.1.1.

Editor’s notes: Whether eMnS is exposed transparently to external MnS consumer via BSS or being processed through a dedicated exposure platform is FFS.

In case that there is no such exposure platform, the eMnS can be exposed transparently to the MnS consumer via BSS if BSS has no functionality to translate or aggregate any eMnS.

If there is an exposure platform which is within the BSS, the exposure platform may have the functionality to translate or aggregate eMnS and then transfer the results to the MnS consumer. This depends on the implementation and interface related to the BSS, which is out of the scope of SA5.

If the exposure platform is within the OSS, it may have the functionality to interact with the MnS consumer directly when the exposure happens without going through BSS, and this will be resolved under the key issue of exposure without going through BSS.

# 4 Detailed proposal

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| **First change** |

### 4.1.1 Concepts related to network management capability exposure

#### 4.1.1.1 Exposed Management Services

Exposed MnS (eMnS) represents the MnS that can be exposed by MnS producer to the external MnS consumer. eMnS may rely on a dedicated MnF (e.g. EGMF defined in 3GPP or function defined in other standard like TMF) that manages the exposure aspects.

External MnS consumer can obtain exposed MnS via BSS. Alternatively, external MnS consumer can obtain exposed MnS directly OSS.

#### 4.1.1.2 Exposure of Management Services

Exposure of management services supports the case that an external MnS consumer which is outside 3GPP management system can indrectly access management capability offered by MnS producer within 3GPP management system. Even though the eMnS complies with the same Technical Specification as a MnS, the actual operational behavior and managed data may be constrained by the network slice provider.

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| **End of changes** |