**3GPP TSG-SA5 Meeting #145-e *S5-225178***

**e-meeting, 15 Aug - 24 Aug 2022**

**Source: Samsung**

**Title: pCR 28.831 Add Key Issue for attribute addition and deletion**

**Document for: Approval**

**Agenda Item:**

# 1 Decision/action requested

***The group is requested to discuss and approve the pCR below***

# 2 References

[1] 3GPP TS 28.831: " Management and orchestration; Study on basic Service-Based Management Architecture (SBMA) enabler enhancements"

# 3 Rationale

None.

# 4 Detailed proposal

The following changes are proposed for TR 28.831[1].

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| **First Modification** |

## 4.x Issue #1: Attribute Addition and Deletion

### 4.x.1 Issue description

The provisioning MnS consumer may wish to add an attribute (name/value pair) in an existing MOI due to some new requirements and/or some internal policies. This Key Issue enable creation and deletion of an attribute in a MOI(s).

The consumer may wish to add attributes in an MOI(s). The example would be; the addition of attribute “maxNumberOfPDUSessions” in the MOI(s) of NetworkSliceSubnetProviderCapabilities, in order to enhance the provider capabilities in terms of maximum number of PDU session it can handle. The requirement of this attribute may not be available at the time of MOI creation. The consumer may wish to add this attribute at later point of time in single or multiple MOI of the NetworkSliceSubnetProviderCapabilities IOC.

The consumer may wish to just delete one single attribute from an MOI instead of deleting the entire MOI. An example would be; the updated slice SLA may invalidate the requirement of uEMobilityLevel for a NetworkSlice MOI(s).

The attributes consumer is adding or deleting is restricted to the list of attributes defined in the related IOC. For example: if an IOC ABC is defined with the attributes attrA, attrB and attrC (according to the SA5 definition). An instance was created with attrA and attrB. The MnS consumer can add the name/value pair for attrC. The consumer cannot add attrD, that is not defined for the object class.

### 4.x.2 Analysis

The existing Generic Provisioning management service doesn’t allow consumer to create or delete a specific attribute for a managed object instance.

### 4.x.3 Potential requirements

1. The provisioning MnS Producer shall allow authorized consumers to request for the addition of attribute(s) in an existing MOI.
2. The provisioning MnS Producer shall allow authorized consumers to request for the deletion of attribute(s) from an existing MOI.

### 4.x.4 Potential solution

TBD

### 4.x.5 CR proposal

TBD

### 4.x.6 Conclusion

TBD