**3GPP TSG-SA5 Meeting #144-e *S5-225195***

**e-meeting, 27 June - 1 July 2022**

**Source: Huawei**

**Title: DP on structure proposal for new generic NRM specification**

**Document for: Discussion and Endorsement**

**Agenda Item: 6.5.2.1**

# 1 Decision/action requested

***The group is asked to discuss and endorse.***

# 2 References

[1] S5-224347 DP on new specification for TS 28.622 in the context of SBMA with new structure proposal

# 3 Rationale

The following two proposals are endorsed in DP S5-224347 in SA5#144emeeting, so this contribution proposed to discusse the concrete structure for the new generic NRM TS.

***Proposal#1:*** *It proposes to introduce a new TS for generic NRM for SBMA in R18, which will cover the SBMA contents in TS 28.622, including:*

*- Revise the AdNRM\_ph2 WID proposal (SP-220351) to introduce a new TS for generic NRM for SBMA*

*- Cover the content in TS 28.622 and TS 28.623 which can be applied to SBMA in the new specification*

***Proposal#2:*** *It proposes to work on the concrete structure for the new TS before auguest meeting with interested companies.*

So this contribution proposes to discuse the concrete structure for the new TS based on NRM fragments are defined in TS 28.622.

Courrently following NRM fragments are defined in TS 28.622.

- NRM fragment (Figure 4.2.1-1)

- Vendor specific data container NRM fragment (Figure 4.2.1-2)

- PM control NRM fragment (Figure 4.2.1-3)

- Threshold monitoring control NRM fragment (Figure 4.2.1-4)

- Notification subscription and heartbeat notification control NRM fragment (Figure 4.2.1-5)

- FM control NRM fragment (Figure 4.2.1-6)

- Trace control NRM fragment (Figure 4.2.1-7)

- MnS Registry NRM fragment (Figure 4.2.1-8)

- File retrieval NRM fragment ((Figure 4.2.1-9)

- File download NRM fragment (Figure 4.2.1-10)

- ManagementDataCollection control NRM fragment (Figure 4.2.1-11)

**Structure Proposal#1**: It proposes to grouping above NRM fragements as follows and such grouping used for the structure of the new generic NRM TS.

Group#1 NRM Fragments for provisioning, including NRM fragment (Figure 4.2.1-1), Vendor specific data container NRM fragment (Figure 4.2.1-2) and Notification subscription and heartbeat notification control NRM fragment (Figure 4.2.1-5).

Group#2 NRM Fragments for FM control, including FM control NRM fragment (Figure 4.2.1-6)

Group#3 NRM Fragments for data collection and report control, including PM control NRM fragment (Figure 4.2.1-3), threshold monitoring control NRM fragment (Figure 4.2.1-4), Trace control NRM fragment (Figure 4.2.1-7) and ManagementDataCollection control NRM fragment (Figure 4.2.1-11).

Group#4 NRM Fragments for file management, including File retrieval NRM fragment ((Figure 4.2.1-9) and File download NRM fragment (Figure 4.2.1-10)

Group#5 NRM Fragments for integration, including MnS Registry NRM fragment (Figure 4.2.1-8)

**Structure Proposal#2**: For each NRM fragement, follow the template for NRM defined in TS 32.160

The concrete structure proposal for new generic NRM TS see



# 4 Detailed proposal

It proposes to discuss and endorse above Structure Proposal#1 and Structure Proposal#2 for new generic NRM TS