**3GPP TSG-SA5 Meeting #157 *S5-246045d1***

Hyderabad, India, 14 - 18 October 2024

**Source: Huawei, China mobile**

**Title: Add solution for NDT visualization**

**Document for: Approval**

**Agenda Item: 6.19.5**

# 1 Decision/action requested

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

# 2 References

[1] 3GPP TS 28.915

# 3 Rationale

This contribution is to add potential solution for NDT visualization.

# 4 Detailed proposal

*========================Start of change======================*

### 5.8.3 Potential solutions

NRM IOC for simulated network or NDT instance that can provide the attributes based on NDT scenarios in 3GPP management system.

* The MOI information related to simulated network or NDT instance
* The scope of NDT (e.g., RAN, core network NFs, deployment location, duration etc.)
* The NDT related management data:
  + The fault information (e.g., NF fault status) related to NDT instance
  + The performance information (e.g., service KPIs) related to the simulated network or NDT

Based on the description above, the visualization of a NDT instance may correlate particular sets of management data.

After creation and/or configuration of the NDT instance, the output of NDT can be visualized. The output of NDT can be carried in nDTOutput as described in clause 5.2.3.3 solution 3 of Signaling storm analysis.

Note: the way to achieve visualization of NDT is implementation related.

*========================Next change======================*

### 5.8.4 Evaluation of solutions

The solution described in clause *5.8.3* indicates the output of NDT can be visualized, the way to achieve visualization of NDT does not need to be standardised. The normative work on NDT visualization will focus on modelling of the simulated network or NDT instance in solution in solution in clause 5.8.3.

*========================End of change======================*