**3GPP TSG-SA5 Meeting #155 *S5-243088***

Jeju, South Korea, 27 - 31 May 2024

**Source: Huawei**

**Title: Add solution for service failure recovery**

**Document for: Approval**

**Agenda Item: 6.19.2**

# 1 Decision/action requested

***For approval***

# 2 References

[1] 3GPP TR 28.866: “Study on Management Data Analytics (MDA) – Phase 3”.

# 3 Rationale

This contribution proposes a solution for service failure recovery.

# 4 Detailed proposal

It is proposed to make the following changes to TR 28.866 [1].

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| **1st change** |

#### 5.7.3.2 Potential requirements

**REQ-FAILURE\_RECORV\_MDA-01:** MDA capability for service failure recovery shall allow a consumer to select an alarm for analysis.

**REQ-FAILURE\_RECORV\_MDA-02:** MDA capability for service failure recovery shall be able to provide the analytics output including the probable cause of the failure and recommended actions to resolve the service failure.

#### 5.7.3.3 Potential solutions

Update TS 28.104 [2] to add a new MDA type MDAAssistedFaultManagement.FailureRecovery to allow an MnS consumer to request analytics related to service failure recovery. The attribute analyticsScope may need to be extended to allow the MDA MnS consumer to use an alarm identifier to indicate the scope of the analysis.

Update TS 28.104 [2] to add a new analytics output for service failure recovery analysis, including (but not limited to) information related to

- related alarm(s) which are likely to be correlated to the service failure

- recommended actions to resolve the service failure

Update TS 28.104 [2] to remove the term “recovery” in the failure prediction use case and MDA type MDAAssistedFaultManagement.FailurePrediction.

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| **End of changes** |