**3GPP TSG-SA5 Meeting #142-e *S5-222323rev1***

**e-meeting, 4 - 12 April 2022**

**Source: Huawei**

**Title: Add background information related to TS 28.312**

**Document for: Approval**

**Agenda Item: 6.5.4**

# 1 Decision/action requested

This document is to request approval of the proposed text.

# 2 Rational

This document is to add background information related to 28.312.

# 3 Proposed changes

The start of the change

### 4 Background

### 4.x Background information of Intent-driven management and intent driven management MnS

* The intent driven management is specified in TS 28.312 from release 17. As described in TS 28.312, the intent specifies the expectations including requirements, goals and constraints for a specific service or network management workflow:An intent is typically understandable by humans, and also needs to be interpreted by the machine without any ambiguity.
* An intent focuses more on describing the "What" needs to be achieved but less on "How" that outcomes should be achieved. The intent service can provide the fulfilment information containing the expectations of the intent to MnS consumer.
* The expectations expressed by an intent is agnostic to the underlying system implementation, technology and infrastructure.

As described in TS 28.312 clause 4.1.2, based on network slice management, the differences of intent types are categorized as following:

* Intent-CSC MnS producer provides intent driven MnS for communication services.
* Intent-CSP MnS producer provides intent driven MnS for network services.
* Intent-NOP MnS producer provides intent driven MnS for network equipment.

End of change