**3GPP TSG-SA5 Meeting #159 *S5-250850***

Sophia-Antipolis, France, 17 - 21 February 2025

**Source: Samsung**

**Title: Triggered CCL UC and Requirements.docx**

**Document for: Approval**

**Agenda Item: 6.19.4.1**

# 1 Decision/action requested

**Group is requested to discuss and agree on the “Detailed Proposal”.**

# 2 References

[1] None

# 3 Rationale

# 4 Detailed proposal

**First Change**

## 5.x Triggered CCL Capability

### 5.x.1 Description

#### 5.x.2 Use Cases

5.x.2.1 Conditional trigger of a CCL

The MnS consumer may want to request for a CCL to be dynamically instantiated when certain conditions are met. For example, the MnS consumer may want that for a CCL of a stated type or that matches a set of stated characteristics (e.g. goal) to be instantiated under certain conditions and another with variations in goals to be instantiated under other conditions. The MnS consumer should be enabled to define those conditions so that the CCL is instantiated when the stated conditions are met. The MnS Producer monitors the conditions to check if they are met.

The conditions can be related to criteria based on performance, fault and configuration. Performance criteria defines information (e.g measurement/KPI name, measurement/KPI threshold value) related with performance measurements and KPIs that need to be monitored by the producer to see if an ACCL is to be initiated. Fault criteria defines fault related information (e.g alarm type, alarm severity) that need to be monitored by the producer to see if an ACCL is to be initiated. Provisioning criteria will define provisioning events (e.g CreateMOI) that need to be monitored by the producer to see if an ACCL is to be initiated.

#### 5.x.2 Conditional execution of CCLs network changes

For the CCLs that have been instantiated, the MnS consumer may want to define conditions under which a CCL may execute actions onto the network, e.g. when the performance on a certain threshold is crossed, or when the confidence is the decision is above a stated threshold. The consumer does not need to be aware of all decisions, but by providing conditions under which decisions may be activated or not, it is able to have supervision over the CCL without having to continuously track the decisions. The MnS consumer should be enabled to define those conditions for executing the CCL actions. Otherwise, the consumer should be enabled to define alternative actions, e.g. to notify the consumer of the decision that is not executed.

By supporting this, the execution can be affected by producer based on consumer's conditions or requirements.

### 5.x.3 Requirements

Table 5.x.2-1

| **Requirement label** | **Description** | **Related use case(s)** |
| --- | --- | --- |
| **REQ-TRI-FUN-01** | The 3GPP management system should enable authorized consumers to provide information that can be used to trigger CCL instantiation | Conditional trigger of a CCL |
| **REQ-TRI-FUN-02** | The 3GPP management system should enable authorized consumers to provide information that can be used to trigger CCL update. | Conditional trigger of a CCL |
| **REQ-TRI-FUN-03** | The 3GPP management system should enable authorized consumers to provide information that can be used to trigger CCL deletion. | Conditional trigger of a CCL |
| **REQ-TRI-FUN-03** | The 3GPP management system should enable authorized consumers to define conditions under which a CCL may execute actions onto the network. | Conditional execution of CCLs network changes |

**End of Change**