**3GPP TSG-SA5 Meeting #153 *S5-241046***

Sevilla, Spain, 29 January - 02 February 2024

**Source: Samsung**

**Title: Triggered CCL Management**

**Document for: Approval**

**Agenda Item:**

# 1 Decision/action requested

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

# 2 References

None

# 3 Rationale

This provides the new use case of CCLM. This is contributing to the WT-1 in the WID.

# 4 Detailed proposal

|  |
| --- |
| **First Change** |

# 5. Use Cases

5.1 Triggered CCL

5.1.1 Description

The existing CCL mechanism enables consumer to request the initiation of a CCL with the goal to maintain particular SLS (indicated by the AssuranceGoal). The CCL is  expected to monitor the network to see if there have been some goal breaches. If there is, the consumer is notified and the appropriate actions can be taken to mitigate the breach by the consumer. The consumer may also decide to update the existing CCL or create a new one to mitigate the breach. A CCL is always instantiated, updated and deleted on an explicit request from the consumer.

Considering the autonomous nature of CCL, it is beneficial to study possible improvements to CCL management including automated instantiation, update and deletion of a CCL. The existing CCL mechanism places a burden on the consumer to monitor the network and decide whether to instantiate a CCL, update a CCL, or delete a CCL. A possible improvement may be to allow the consumer to define trigger conditions for automated instantiation, update and deletion of a CCL.

The ConditionMonitor[x], post appropriate extensions, can be utilized to define triggering conditions for CCL management.

5.1.2 Potential Requirements

REQ-TRI-FUN-01: The 3GPP management system shall enable authorized consumers to configure the triggers, based on which a CCL can be instantiated.

REQ-TRI-FUN-01: The 3GPP management system shall enable authorized consumers to configure the triggers, based on which a CCL can be updated.

REQ-TRI-FUN-01: The 3GPP management system shall enable authorized consumers to configure the triggers, based on which a CCL can be deleted.

5.1.2 Potential Solutions

5.1.2.1 Solution-x

5.1.2.2 Solution-y

5.1.3 Evaluation of solutions

5.1 Use case B