**3GPP TSG- Meeting # *8***

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**Source: Samsung**

**Title: Historical CCL**

**Document for: Approval**

**Agenda Item: 6.19.4**

# 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.

# 4 Detailed proposal

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

## 3.1 Terms

For the purposes of the present document, the terms given in 3GPP TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in 3GPP TR 21.905 [1].

**example:** text used to clarify abstract rules by applying them literally.

Historical CCL: A CCL that existed in past.

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| --- |
| **Next Change** |

5.1 CCL creation based on Historical CCL data.

5.1.1 Description

This use case describes the need of maintaining information about the CCLs that existed in the past. Those CCLs are called Historical CCLs

In an automation environment, before a consumer request to create a CCL it would like to know the data related with Historical CCLs that were available with the producer. This information will enable consumer to request for an optimal CCL. The information about historical CCL may include, scope of the CCL, configured goals/targets, controlled entity etc.

Further, Historical CCL information serves as a valuable data source for predictive analytics within the CCL system executed as Analytics step. It enables the system to move from a reactive mode, where it responds to current issues, to a proactive mode, where it anticipates and prevents problems based on historical trends and patterns. This proactive approach enhances network reliability, minimizes downtime, and improves the overall efficiency of network operations.

The existing CCL mechanism has no means to enable historical CCL information that can be used to predict potential network issues and take proactive measures to prevent them. The absence of historical CCL information can be a significant limitation in network automation.

5.1.2 Potential Requirements

REG-HIS-REQ: The 3GPP management system shall enable authorized MnS consumer to request for information (e.g CCL identification, configured goals/targets and the related status, scope of the CCL, conflict information) related with Historical CCL.