**3GPP TSG-SA5 Meeting #162 *S5-254031***

Goteborg, Sweden, 25 - 29 August 2025

**Source: Huawei**

**Title: pCR TS 28.579 Update requirements and use case of logging the management service API invocations to the CCF**

**Document for: Approval**

**Agenda item: 6.19.21.1**

**Spec: 3GPP TS 28.579**

**Version: 1.0.0**

**Work Item: MExpo**

**Comments**

This pCR proposes to:

* Update the existing requirements to explicitly specify them as requirements for MSED
* Enhance the use case logging the management service API invocations to the CCF and add a new requirement

**Proposed Changes**

\* \* \* First Change \* \* \* \*

5.2.3 Logging the management service API invocations to the CCF

5.2.3.1 Definition

When exposing service APIs to external MnS consumers, the operator can benefit from monitoring information related to the service API invocations. The logs of the service API invocations can be consumed by authorized consumers (e.g., the AMF of the MSED or auditing purposes and the charging functions).The monitoring information can include:

- The invoked service API details (e.g., the name, resource(s), and operations)

- The identity of the external MnS consumer who performed the service API invocation (i.e., the API invoker ID)

- The result of the service API invocation (e.g., success or failure)

- The time and duration of the service API invocation

Traceability: **REQ-MEXPO-LOG-01, REQ-MEXPO-LOG-02, REQ-MEXPO-LOG-03**.

\* \* \* Next Change \* \* \* \*

5.3 Requirements

**REQ-MEXPO-FUN-01:** 3GPP management system should support the capability to expose management services to external MnS consumers using CAPIF.

**REQ-MEXPO-REG-01:** The MSED shall have the capability to provide the required mappings between the management service-related information and the CAPIF-defined API provider enrolment related information.

**REQ-MEXPO-REG-02:** The exposure of management services using CAPIF shall provide the capability to register MSED to the CCF.

**REQ-MEXPO-REG-03:** The exposure of management services using CAPIF shall provide the capability to deregister MSED from the CCF.

**REQ-MEXPO-REG-04:** The exposure of management services using CAPIF shall provide the capability to update the registration details of MSED at the CCF.

**REQ-MEXPO-PUB-01:** The MSED shall have the capability to map the management service-related information into the service API related information to enable the publishing of management services to the CCF.

**REQ-MEXPO-PUB-02:** The MSED shall have the capability to publish the service APIs to the CCF.

**REQ-MEXPO-PUB-03:** The MSED shall have the capability to retrieve the published service APIs at the CCF.

**REQ-MEXPO-PUB-04:** The MSED shall have the capability to update the published service APIs at the CCF.

**REQ-MEXPO-PUB-05:** The MSED shall have the capability to unpublish the service APIs from the CCF.

**REQ-MEXPO-LOG-01:** The MSED shall support the capability to create logs, which data type is defined in clause 8.7.4.2.2 of TS 29.222 [4]), based on the service API invocations by the external MnS consumers.

**REQ-MEXPO-LOG-02:** The MSED shall support the capability to log the service API invocations to the CCF.

\* \* \* End of Changes \* \* \* \*