**3GPP TSG-SA5 Meeting #162 *S5-254030***

Goteborg, Sweden, 25 - 29 August 2025

**Source: Huawei**

**Title: pCR TS 28.579 Update use case publishing of management services into the CCF and annex A**

**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 use case publishing of management services into the CCF to improve the readability.
* update annex A to fix some incorrect reference info and typo

**Proposed Changes**

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

### 5.2.2 Publishing of management services into the CCF

#### 5.2.2.1 Definition

This use case describes how to publish management services to the CAPIF core function (CCF) to be exposed to the external MnS consumers. Before publishing management services to the CCF, the operator shall determine, subject to the network operator policy, regulatory requirements or contractual obligations the following:

- The management services to be published.

- The specific set of resources (referred to as MnS component type B), the corresponding operations (referred to as MnS component type A), and optionally the specific performance and fault data (referred to as MnS component type C) of the management services to be published.

- Whether the specific set of resources, the corresponding operations, and optionally the specific performance and fault data of the management service will be published as one or more service APIs to the CCF.

Traceability: **REQ-MEXPO-PUB-01, REQ-MEXPO-PUB-02, REQ-MEXPO-PUB-03, REQ-MEXPO-PUB-04, REQ-MEXPO-PUB-05**.

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

Annex A (informative): Discovery of the published service APIs at the CCF by the external MnS consumers

After publishing management services (now published service APIs) to the CCF as described in clause 6.2, the published service APIs are available for discovery by the external MnS consumers via the CAPIF-1e interface. To discover the published service APIs, the external MnS consumer invokes the GET request operation of the CAPIF\_Discover\_Service\_API service (see clause 8.1 of TS 29.222 [4]). The response body of the GET request returns the DiscoveredAPIs data type (see Table 8.1.4.2.2-1 of TS 29.222 [4]). The DiscoveredAPIs data type consists of an array of the published service APIs that the external MnS consumer is authorized to discover, each represented by the corresponding serviceAPIDescription data type (see clause 6.2.2).

On discovering the service APIs, the external MnS consumer can use the discovered service API information to construct the URI of the service API that will be invoked at the AEF of the MSED (via the CAPIF-2e interface).

The structure of the constructed service API URI shall follow the specifications provided in clause 4.4.1 of 3GPP 29.501 [9].

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