3GPP TSG SA WG 4 Post Meeting #131 RTC AHG TDoc S4aR250083

Online, 26th March 2025

**Title: LS on Advanced MF capability registration and discovery**

**Response to:**

**Release: Rel-19**

**Work Item: Split Rendering over IMS (SR\_IMS)**

**Source: SA4**

**To: SA2, CT4**

**Cc:**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:** DocNumber(s) [Description e.g.. Draft TS 29.414 v0.1.0].
**!! WARNING !!** Do not insert the file directly as an object in this Word document.

# 1 Overall description

SA4 is currently working on enabling network and split rendering in IMS as part of the Split Rendering over IMS (SR\_IMS) work item. A key enabler is the ability to discover and connect to a Media Function (MF) that supports the capability requirements of the application to be split-rendered.

SA4 believes that similar capability registration and discovery to the ones defined for edge applications will be required. This requires enhancements to the MF procedures in a way that still allows flexible and extensible capability signalling.

SA4 is open to a variety of solutions, e.g. one of the following:

* SA2 may define a placeholder for discovery of MF capability profile identifiers, e.g. in the MFInfoObject, that are defined by other groups such as SA4. An example of such profiles can be found in the attachment, identified by an SA4-defined URN, or
* SA2 adds support for discovery of MF based on raw capabilities and application features, similar to the EAS KPI parameters, or
* A combination of the above with support for static and dynamic capabilities

SA4 is looking forward to working together with SA2 and CT4 on the definition and usage of the MF capabilities.

# 2 Actions

**To SA2 and CT4**

**ACTION:** SA4 kindly asks SA2 and CT4 to consider enhancing the MF capability registration and discovery as discussed above as part of their Rel-19 specifications.

# 3 Dates of next TSG SA WG 4 meetings

SA4 #131-bis-e 11 – 17 April 2025 Online

SA4 #122 19 – 23 May 2025 Fukuoka City, Japan