**3GPP TSG-SA WG4 Meeting #131 S4-250420**

**Geneva, Switzerland, 17 – 21 February 2025**

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**Title: Remove time service endpoints from MBSTF scope**

**Response to: S4-250622|C3-251425**

**Release: Rel-19**

**Work Item: AMD-ARCH-MED, AMD\_PRO-MED**

**Source: SA4**

**To: CT3, CT4**

**Cc: SA2**

**Contact person: Richard Bradbury (richard dot bradbury at bbc dot co dot uk)**

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

**Attachments:** 26502-CR0036: Remove time service endpoints from MBSTF scope

# 1 Overall description

SA4 thanks CT3 for its liaison S4-250622|C3-251425 providing information about a new Work Item to modify TS 29.580 and TS 29.581 to support SA4’s AMD\_PRO-MED Release 19 Work Item. Further to the initial impact assessment provided in LS S4-250412, SA4 has agreed changes to the stage-2 static information model for MBS User Services at its recent SA4#131-bis e-meeting. The revised model is reproduced below with the complete set of Release 19 changes highlighted in red for convenience.



## 1.1 Expected impacts on TS 29.581 (CT4 responsibility)

Compared with the LS sent in S4-250412, the *Time service endpoints* parameter is descoped from the MBSTF in Release 19, leaving this functionality to vendor implementation.

As a consequence of this stage-2 design modification, SA4 advises CT4 that the *Time service endpoints* parameter is therefore no longer in scope in this release at reference point **Nmb2**.

Hence, the only remaining impact at this reference point is the exchange of the *Object repair exposure base URL* or *Object repair ingest base URL* parameters which, as noted in S4-250412, are mutually exclusive. SA4 expects this to impact the *ObjDistributionData* data structure specified in clause 6.1.6.2.5 of TS 29.581.

## 1.2 Expected impacts on TS 29.580 (CT3 responsibility)

At reference point **Nmb10**, SA4 has recognised that the *Time service endpoints* parameter is only exposed to the MBS Application Provider in the MBS Distribution Session Announcement entity and not in the parent MBS Distribution Session entity. Hence, this parameter is now annotated with a dagger symbol in the static domain model figure reproduced on the previous page. SA4 will take responsibility for adding this parameter to the *UserServiceDescription* data structure specified in TS 26.517 and referenced by *MBSUser‌Data‌Ing‌Session.‌mbsUserService‌Anmt* in clause 6.2.6.2.2 of TS 29.580 and has already started drafting 26517-CR0028 to this end.

Given that all new parameters are either internal to the MBSF (preceded by a dagger symbol in the above figure) or passed in a data structure specified by SA4, the only expected impact on TS 29.580 is a requirement for an CT3 administrative Change Request to “bump” the API version number for the *Nmbsf* service when the aforementioned stage-3 CR updating the *UserServiceDescription* data structure in TS 26.517 is agreed by SA4. This TS 26.517 CR will indicate the impact on TS 29.580 in the usual way to facilitate the production of the required administrative CR.

# 2 Actions

**To CT3, CT4**

**ACTION:** SA4 kindly asks CT3 and CT4 to take the above information into account and address the relevant actions in corresponding stage-3 specifications.

# 3 Dates of next TSG SA WG4 meetings

TSG SA WG4#132 19th–23rd May 2025 Fukuoka, JP

TSG SA WG4#133-e 21st–25th July 2025 online