# TEI17-DCAMP WID

Dynamically Changing AM Policies in the 5GC
Issues for discussion

# Justification/Objetives in WID

- Objectives:
    1. new NEF service Nnef_AMInfluence that allows AF to influence PCF decisions for RFSP index value when specific services are in use and Service Area Restrictions(SAR) for a UE.
        - The purpose of this new NEF service is to allow the AF to provide parameters without the need to have the UE registered in the network. These parameters are stored in the UDR and then provided to the PCF serving the AMF, when UE registers in the AMF.
    2. The detection of the start and stop of an application in the UPF triggers the change of the RFSP by the PCF serving the AMF.
    3. NEF service Nnef_AMPolicyAuthorization and corresponding Npcf_AMPolicyAuthorization allows the AF to provide an indication that a change of AM policies, such as RFSP value or SAR, may be required because a service has started or terminated.
- WID describes objectives for non-roaming case (not discussion on roaming at the time WID was approved).
- Question: Shall roaming scenarios be also covered?.

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- WID describes objectives for non-roaming case.

- Question: Shall roaming scenarios be also covered?.

    a) No, the operator´s service offering works when a UE is at the HPLMN only

    b) Yes, at least LBO.

    c) Yes, both HR and LBO.  AM Policy control is a VPLMN functionality, then adding HPLMN control requires some discussion.

    Proposal: Go for a) or b) in Rel-17.

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- Release 16 supports AM policies in the PCF, that enables to modify the RFSP index value assigned by subscription based on operator policies, but the options to request to dynamically triggering the modification of the RFSP index value triggered  by third parties or based on application detection have been overlooked.

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# Discussions/agreements between CR drivers

- Terminology:
  - WID refers to PCF-AM and PCF-SMF. However, 23.501 defines how to select a PCF for a UE and a PCF for a PDU sesión.
    - Proposal: Reuse existing terminology in 23.501.
- Whether a PCF needs to indicate if it serves a UE or a PDU sesión when registering in the BSF.
  - Work in progress, we are analysing if there is any use case that requires it,