**3GPP TSG-SA WG6 Meeting #51-e S6-22xxxx**

**e-meeting, 10th – 19th October 2022 (revision of S6-22xxxx)**

**Title: LS on Network Parameters Configuration by IoT Platforms**

**Response to:**

**Release: Rel-18**

**Work Item: FS\_ACE\_IoT**

**Source:** **3GPP SA6**

**To: 3GPP SA2**

**Cc:**

**Contact person: Catalina Mladin**

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

**Attachments:** **TR 23.700-98**

# 1 Overall description

SA6 has identified and studied SEAL functionality to support application capability exposure to general purpose servers or 3rd party IoT applications via IoT Platforms as part of FS\_ACE\_IoT. Key issues and corresponding solutions necessary to ensure efficient use and deployment of IoT Platforms in the 5G network have been captured in TR 23.700-98, including Key issue #3 on IoT Platform PSM monitoring and configuration.

TR 23.700-98 clause 5.7 introduces a solution for the KI #3 which enables IoT Platforms (i.e. IoT-PCS Servers) to aggregate UE activity patterns and monitoring requests from multiple IoT-App Servers, including network-agnostic ASs (i.e. without SCEF/NEF APIs).

IoT-PCS Server can be also used to derive 5GC PSM configurations on behalf of multiple IoT-App servers and to determine if network parameter configurations applied by the Core Network (based on its own policies or on inputs from other servers) is compatible with the aggregated UE activity pattern.

In SA6 understanding, aggregation of network parameter configurations from multiple servers needs to be provided within the Core Network as well for usecases including those without IoT-PCS deployments, with servers external to an IoT-PCS deployment or with multiple IoT-PCS deployments, etc.

SA6 requests SA2 feedback on whether providing an SA6 solution for aggregation of network parameter configurations at IoT-PCS level is beneficial.

Using this feedback, SA6 will adjust the scope of normative work based on 3GPP TR 23.700-97 solutions for this feature.

# 2 Actions

**To SA**

**ACTION:** SA6 asks SA2 to review the clause 5.7 solution in TR 23.700-98 and to provide feedback on whether providing an SA6 solution for aggregation of network parameter configurations at IoT-PCS level is beneficial.

# 3 Dates of next TSG SA WG 6 meetings

SA6#52 14th November – 18th November 2022 meeting

SA6#53-e 16th January – 20h January 2023 e-meeting