**3GPP TSG-SA WG6 Meeting #52 S6-22xxxx**

**e-meeting, 14th – 18th November 2022 (revision of S6-22xxxx)**

**Title: Reply LS on Clarification of Edge Node Sharing**

**Response to: LS S6-222618 on LS reply to 3GPP SA6 on Clarification of Edge Node Sharing from GSMA OPG**

**Release: Release-18**

**Work Item: FS\_eEDGEAPP**

**Source:** **3GPP TSG SA WG6#52**

**To: GSMA OPG**

**Cc: 3GPP SA, SA2**

**Contact person: Sapan Shah**

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

**Attachments:** **attachment (ECS-ER architecture aspect)**

# 1 Overall description

3GPP SA6 thanks GSMA OPG for their reply LS on edge node sharing considering the mapping of GSMA OP and 3GPP EDGEAPP architecture.

**Question:**

*“Only one registration is performed between the UE-A and OP–A. The UE-A is then redirected towards the content hosted by OP - B with who edge sharing is performed. GSMA OPG would like to receive 3GPP SA6 feedback if the current procedure is acceptable.”*

**Answer:**

3GPP SA6 agrees that only one registration is performed between user client in UE-A and OP-A. And upon receiving the discovery request from UE-A, the OP-A provides the UE-A the application endpoint of shared edge node in OP-B.

Further, SA6 would like to inform that based on the clarification provided by GSMA on Edge Node Sharing, SA6 studied and discussed multiple solution to enable edge node sharing over EDGEAPP architecture. All solutions are specified on TR 23.700 (v1.3.0) as solution #43, solution #44 and solution #45. The related architecture enhancements are specified in the attachment.

While studying the edge node sharing, SA6 made some observations as follows:

1) Both ECS and EES can be considered as part of operator platform.

***Request to GSMA OPG:*** Kindly consider this information in your study as indicated in the LS reply.

2) Regarding GSMA OPG’s answer to Question 4 (see below), there can be a scenario where UC (and not the end user) may require to communicate with partner OP, when EES from the lead OP is not available at the UC’s current location.

|  |
| --- |
| Q4: When UE is served by Operator B’s mobile network in North region and its User Client (UC) is trying to discover edge application, is the UC aware of the Partner OP?  GSMA OPG:  No. In the current GSMA PRD OPG.02 version A UC served by operator B sees the shared edge node as a node or service offered by Operator B even though the shared node and service is located in Operator A’s edge infrastructure. |

***Request to GSMA OPG:*** Please provide GSMA OPG’s views.

# 2 Actions

**To GSMA OPG**

**ACTION:** SA6 requests GSMA to consider above answer into their work, and requests to share result of their study as indicated in their LS response and further provide their views as requested above.

# 3 Dates of next TSG SA WG 6 meetings

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

SA6#52-bis-e 16th January – 25th January 2023 meeting