**3GPP TSG-SA WG6 Meeting #47-e** **S6-220699**

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

**Title:** Reply LS on ECS provider identification in ECS address provisioning

**Response to:** LS S6-220044 (C1-220854) on ECS provider identification in ECS address provisioning

**Release:** Rel-17

**Work Item:** EDGEAPP

**Source:** SA6

**To:** CT1, SA2

**Cc:** CT3, CT4

**Contact person:** Nishant Gupta

gnishant@qti.qualcomm.com

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

**Attachments:** S6-220698 on updates to ECS configuration information

# 1 Overall description

SA6 thanks CT1 for their LS in S6-220044 (C1-220854). SA6 has discussed the use of ECS Provider ID and concluded that the ECS provider ID should remain optional, but the identification of the ECSP should be always available to support cases that if the same PDU session is used by/for multiple ECS providers.

When provided, ECS Provider ID describes the identity of the ECS provider, which can help the Edge Enabler Client (EEC) to identify and select an ECS for service provisioning.. Also, note that none of the Edge Enabler Layer procedures, as defined in Rel-17 TS 23.558, are dependent on ECS Provider ID.

Further, SA6 realized that additional IEs are needed to list the ECSPs supported by the ECS. A CR was agreed to update the ECS configuration information accordingly.

SA6 kindly requests CT1 and SA2 to update the ECS configuration information in CT1 and SA2 specifications accordingly.

# 2 Actions

**To CT1, SA2**

**ACTION:** SA6 kindly requests CT1 and SA2 to take the above information into account and make relevant changes in their specifications.

# 3 Dates of next TSG SA WG 6 meetings

SA6#49-e 16May – 24 May 2022 e-meeting

SA6#49-BIS-e 22 June – 01 July 2022 e-meeting

In this case information of 2 ECSs has to be provided in a PCO. The UE needs to have some guidance of when each of the two ECSs should be used.

Q1)What information can the EEC derive for ECS2? Nothing, except for the IP address.

Assume that ECS2 starts supporting ECSP3. Even if a PCO is sent as part of PDU session modification, the EEC has no new info about the ECSP3.

Q2) Why should the EEC know what are the ECSPs supported only if multiple?

ECS configuration information for (DNN1, S-NSSAI1)

ECS1

IP: 1.2.3.4

[Spatial Validity]

ECSP 1

ECSP 2

[ECS2]

IP: 5.6.7.8

[Spatial Validity]

SMF

PCO at PDU establishment/modification

UE