**3GPP TSG-SA5 Meeting #144-e *S5-224209***

**e-meeting, 27 June - 1 July 2022**

**Source: Ericsson**

**Title: Adding use case in clause 7.4 where there is a reseller**

**Document for: Approval**

**Agenda Item: 7.5.3**

# 1 Decision/action requested

**Include the proposed changes in TR 28.827.**

# 2 References

[1] 3GPP TR 28.827: "Study on 5G charging for additional roaming scenarios and actors"

# 3 Rationale

There might be a reseller between the additional actor (e.g., MVNO) and the MNO. The reseller will aggregate several additional actors and do wholesale towards these. The additional actors will still do retail charging and might require online capabilities. Allowing an architecture where there is a reseller between the MNO and the additional actor might impact the solution selected.

# 4 Detailed proposal

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| **First change** |

#### 7.4.1.1 Use case #4a: Additional actor does retail charging for 5G data connectivity

This use case focuses on additional actor (e.g., MVNO) and subscriber business roles.

A subscriber has a UE and a subscription with the additional actor which allows usage of 5G data connectivity. The additional actor has their own billing and charging (CHF), but no other NFs.

The additional actor charging of the subscriber could be based on data volume that the UE has used in the MNO’s network considering of the following aspects:

- RAT type;

- S-NSSAI;

- DNN;

- QoS information.

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| **Second change** |

#### 7.4.1.x Use case #4c: Use case for additional actor does retail changing for 5G data connectivity through a reseller

This use case focuses on home MNO, reseller, additional actor (e.g., MVNO), and subscriber business roles. The

A subscriber has a UE and a subscription with the additional actor which allows usage of 5G data connectivity. The reseller and additional actor have their own billing and charging (CHF), but no other NFs. The additional actor has an agreement with the reseller for usage of 5G data connectivity, the reseller in turn have agreements with the home MNO for 5G data connectivity, this allows the additional actors subscribers to use the home MNO’s network.

The additional actor charging of the subscriber could be based on data volume that the UE has used in the home MNO’s network considering of the following aspects:

- RAT type;

- S-NSSAI;

- DNN;

- QoS information.

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| **End of changes** |