**3GPP TSG-SA5 Meeting #143-e *S5-223293rev1***

**e-meeting, 9th – 17th April 2022**

**Source: Huawei**

**Title: Add the Business Roles for NPN**

**Document for: Discussion**

**Agenda Item: 7.5.4**

# 1 Decision/action requested

***This is a pCR to add business roles for NPN in TR 28.828.***

# 2 References

[1] SP-211447 Study on Charging Aspects for Enhanced Support of Non-Public Networks.

[2] S5-222381 TR 28.828 v0.0.0 Initial skeleton.

# 3 Rationale

This pCR proposes to add business roles for SNPN in TR 28.828[2].

# 4 Detailed proposal

The following changes are proposed to be incorporated into TR 28.828 [2].

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| **First change** |

## 4.X Business Roles related to NPN

As per the TS 23.501 [2], in the context of Non-Public Networks, responsibilities regarding operations have to be clearly defined and assigned to roles. NPN charging can be built upon the roles related to NPN management specified in the clause 4.2 of TS 28.557[X] without the consideration on the network equipment and Infrastructure. :

The roles related to NPN charging include:

- NPN Service Customer (NPN-SC): a Communication Service Customer (CSC) which consumes communication services for non-public use, i.e. communication services offered over NPNs. An NPN-SC is the realization of the CSC role in NPN environments. The example of the NPN-SC is the End User/UE.

- NPN Service Provider (NPN-SP): a Communication Service Provider (CSP) which provides communication services for non-public use, i.e. communication services offered over NPNs. An NPN-SP is the realization of the CSP role in NPN environments. The example of the NPN-SP is the Vertical, Tenant and Enterprise.

- NPN Operator (NPN-OP): a Network Operator (NOP) is limited to 5G networks for non-public use, i.e. NPNs. An NPN operator is the realization of the NOP role in NPN environments.

In deployments, there could be business scenarios where one or more of the business roles are supported by a single enterprise. The present document does not impose any restrictions to the possible deployment scenarios.

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| **End of changes** |