**3GPP TSG-SA5 Meeting #135e *S5-212073rev1***

**e-meeting, 1March – 9 March 2021**

**Source: Telefónica S.A.**

**Title: pCR 28.557 Add 5GLAN group management in UE related management aspects**

**Document for: Approval**

**Agenda Item: 6.4.1**

# 1 Decision/action requested

***Discuss and approve on the proposal***

# 2 References

[1] TS 28.557 Management of non-public networks; Stage 1 and stage 2 v0.2.0

[2] TS 23.501 System architecture for the 5G System (5GS); Stage 2 v16.7.0

# 3 Rationale

It is proposed to add 5GLAN group management as a UE related management aspect that has impact on the management of NPNs.

# 4 Detailed proposal

This document proposes the following changes in TS 28.557 [1].

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| **1st Change** |

### 4.3.2 UE related management aspects

#### 4.3.2.x 5G VN group management

A 5G Virtual Network (VN) group is a set of UEs using private communication for 5G LAN-type service [2]. The definition of 5G VN groups is required by the NPN-SC to help their own business in some cases. For example, an NPN-SC might request that certain UEs be members of one or more 5G VN groups.

Based on the above rationale, 3GPP management system may need to allow for the 5G VNgroup management support in NPNs, following up the needs of the NPN-SC. This includes:

* Creation, modification and removal of 5G VN groups, including definition of group communication services and other attributes (e.g., the service area).
* Addition/removal of individual UEs to/from a 5G VN group
* Notification of 5G VN group related information (e.g., status, events), following up NPN-SC subscription preferences.

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| **End of changes** |