**3GPP TSG-SA5 Meeting #130e *S5-202338***

**e-meeting 20-28 April 2020** *Revision of S5-202215*

**Source: Telefónica S.A., Huawei**

**Title: pCR 28.807 Add requirements for management of SNPN and PNI-NPN**

**Document for: Approval**

**Agenda Item: 6.6.2**

# 1 Decision/action requested

***The group is asked to discuss and agree on the proposal.***

# 2 References

[1] TS 28.807 1.0.0: Study on management aspects of non-public networks

# 3 Rationale

It is proposed to include potential requirements for the management of SNPN and PNI-NPN.

# 4 Detailed proposal

This document proposes the following changes in TS 28.807 [1].

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| **1st Change** |

# 6 Potential requirements

## 6.1 Potential common requirements for management of NPN

**REQ-NPN-CON-01** The 3GPP management system shall have the capability to monitor the performance metrics related to an NPN.

**REQ-NPN-CON-02** The 3GPP management system shall have the capability to provide KPIs related to an NPN to authorized NPN service provider or NPN service consumer.

**REQ-NPN-CON-03** The 3GPP management system shall have the capability to receive SLA from authorized NPN service consumer and then translating the SLA into network resources related requirements.

**REQ-NPN-CON-04** The 3GPP management system shall have the capability to evaluate SLS fulfilment related to an NPN.

**REQ-NPN-CON-05** The 3GPP management system shall have the capability to manage an NPN that provide coverage within a specific geographic area.

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| **Next Change** |

## 6.2 Potential requirements for management of SNPN

**REQ-SNPN-CON-01** The 3GPP management system shall have the capability to support standalone operation of an NPN without dependency on a PLMN.

**REQ-SNPN-CON-02** The 3GPP management system shall have the capability to support management of dedicated NPN identifier which is used to identify an SNPN.

**REQ-SNPN-CON-xx** The 3GPP management system shall have the capability to interwork with one or more non-3GPP management systems to support the operation of a SNPN which includes 3GPP and non-3GPP segments.

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| **Next Change** |

## 6.3 Potential requirements for management of public network integrated NPN

**REQ-PNIN-CON-01** The 3GPP management system shall have the capability to support management of CAG which identifies a group of subscribers who are permitted to access one or more CAG cells associated to the CAG.

**REQ-PNIN-CON-02** The 3GPP management system shall have the capability to support exposure of management services defined in clause 6.1 of TS 28.531 [6] to authorized NPN service consumer.

**REQ-PNIN-CON-03** The 3GPP management system shall have the capability to collect NPN UE related data which may include MDT data and trace data.

**REQ-PNIN-CON-04** The 3GPP management system shall have the capability to provide NPN UE related data to authorized NPN service customer according to pre-defined agreements.

**REQ-PNIN-CON-xx** The 3GPP management system shall have the capability to provision a PNI-NPN using Network Slice as a Service (NSaaS), with the Vertical taking the NSaaS customer role.

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| **End of changes** |