**3GPP TSG-SA3 Meeting #124 draft\_S3-253169-r1**

**Wuhan, China, 13 -17 October 2025**

**Source: ZTE**

**Title: Update the clause 6 evaluation for SBA interface protection**

**Document for: Approval**

**Agenda item: 5.2.4**

**Spec: TS 33.758**

**Version: 0.0.0**

**Work Item: FS\_PLMNNPN\_Ph2**

**Comments**

This contribution proposes update the clause 6 evaluation for SBA interface protection.

**Proposed Changes**

\* \* \* First Change \* \* \* \*

# 6 Evaluation for SBA interface protection

Editor’s Note: This clause evaluate if security recommendations given in TS 33.501[2] annex AB apply to the scenario of PLMN hosting a NPN where more CP functions (except AMF, SMF, UDM) are deployed in PNI-NPN domain.

The 5G System architecture consists of the network functions is list in TS 23.501[x] clause 4.2.2, while the service-based interface is list in TS 23.501[x] clause 4.2.6.

The following NFs specified in TS 23.501[x] clause 4.2.2 with service-based interface specified in TS 23.501[x] clause 4.2.6 are not considered to be deployed in the PNI-NPN operator domain:

Authentication Server Function (AUSF)，

Unified Data Management (UDM),

Unified Data Repository (UDR),

Unstructured Data Storage Function (UDSF),

5G-Equipment Identity Register (5G-EIR)

CHarging Function (CHF).

Application Function (AF).

Except the NFs list above, the NFs specified in TS 23.501[x] clause 4.2.2 with service-based interface specified in TS 23.501[x] clause 4.2.6 may be considered to be deployed in the PNI-NPN operator domain.

The security recommendations given in TS 33.501[2] annex AB apply to the NF which is considered to be deployed in the PNI-NPN operator domain

\* \* \* End of Changes \* \* \* \*