**3GPP TSG-CT WG1 Meeting #133e-bisC1-220580**

**E-meeting, 17-21 January 2022**

**Source: Lenovo, Motorola Mobility**

**Title: General description for network slice capability enablement Spec**

**Spec: 3GPP TS 24.549 v 1.0.0**

**Agenda item: 17.2.23**

**Document for: Agreement**

**1. Introduction**

<Introduction part >

**2. Reason for Change**

General description needs to be added to the specification for network slice capability enablement.

**3. Conclusions**

Added general description to the Spec.

Added abbreviations for application function and user equipment.

Changed the format of last abbreviation from EW to EX

The new text uses enablement instead if management due to agreed CR S6-212766

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 24.549v1.0.0

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Next Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in 3GPP TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in 3GPP TR 21.905 [1].

5GCN 5G Core Network

AF Application Function

DNN Data Network Name

HTTP Hypertext Transfer Protocol

PCF Policy Control Function

SEAL Service Enabler Architecture Layer

SNSCM-C SEAL Network Slice Capability Management Client

SNSCM-S SEAL Network Slice Capability Management Server

S-NSSAI Single Network Slice Selection Assistance Information

UE User Equipment

URSP UE Route Selection Policy

VAL Vertical Application Layer

XCAP XML Configuration Access Protocol

XDMC XML Document Management Client

XDMC XML Document Management Server

XML Extensible Markup Language

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Next Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# 4 General description

The present document enables a SEAL Network Slice Capability Enablement Client (SNSCE-C) and a Vertical Application Layer server (VAL server) that communicate with a SEAL Network Slice Capability Enablement Server (SNSCE-S). The network slice capability enablement is a SEAL service that provides the network slice capability enablement related capabilities to one or more vertical applications.

In a trusted network, the network slice capability enablement can be used to re-map a vertical application to different slices based on the configuration of the SNSCE-S for updating the application traffic. Therefore, the SNSCE-S acts as an Application Function (AF) and influences the UE's URSP rules for the application traffic by providing guidance on the route selection parameters S-NSSAI and DNN.\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*End of Change\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*