**3GPP TSG-WG SA2 Meeting #146E e-meeting *S2-2106268r01***

**Elbonia, Aug 16 - 27, 2021 (revision of S2-200xxxx)**

**Source: eEdge\_5GC Rapporteur (Huawei)**

**Title: Cover Sheet of TS 23.548 for Approval to TSG SA**

**Document for: Approval**

**Agenda Item: 8.3**

**Work Item / Release: eEdge\_5GC / Rel-17**

*Abstract: This contribution proposes a cover page for submitting TS 23.548 to SA plenary for Approval.*

# 1. Introduction

This contribution proposes a cover page for submitting TS 23.548 to TSG SA#92E for Approval.

# 2. Proposal

It is proposed to send TS 23.548 v1.1.0 to SA#93E plenary for Approval.

A draft cover page is provided below.

**Presentation of Specification to TSG**

**Presentation to: TSG SA Meeting #92E**

**Document for presentation: TS 23.548: 5G System Enhancements for Edge Computing (Release 17), Version 1.1.0**

**Presented for: Approval**

**Abstract of document:**

The TS 23.548 defines the Stage 2 specifications for enhancements of 5G System to support Edge Computing based on the conclusions achieved in TR 23.748. The main contents include:

- Reference architecture and connectivity models for supporting Edge Computing;

- Edge Application Server discovery and re-discovery;

- Edge Relocation;

- Network Exposure to Edge Application Server;

- Support of 3GPP application layer architecture for enabling Edge Computing;

- Services of EASDF (Edge Application Server Discovery Function)

- Informative annexes on considerations in e.g., UE and application layer, on supporting Edge Computing.

**Changes since last presentation to SA:**

This is the second time the TS is presented to TSG SA.

The following issues were resolved:

- Support for EASDF based EAS discovery procedure, including:

- Definition/Provisioning of EAS deployment information from AF to EASDF/SMF.

- Possible usage of multiple ECS options.

- Possible refinement on service definition and invocation of EASDF and UPF.

- How the AF triggers EAS relocation to the network.

- Whether/how to support for service specific authorization for a group of UEs and any UE.

- ECS Address Configuration Information provided by AF (data structure, usage of the information in 5GC and whether/how to support 'any UE').

- Ensure that 23.548 can apply to SNPN deployments.

The TS is 95% complete.

**Outstanding Issues:**

None.

**Contentious Issues:**

How to guarantee that the UE uses the DNS setting provided by operator for the subsequent DSN Query.