**3GPP TSG-CT WG3 Meeting #117eC3-214150**

**E-Meeting, 18th – 27th August 2021**

**Source: Huawei, Nokia, Nokia Shanghai Bell**

**Title: Ntsctsf\_TimeSynchronization\_ConfigUpdateNotify service operation**

**Spec: 3GPP TS 29.abc**

**Agenda item: 17.16**

**Document for: Decision**

**1. Introduction**

<Introduction part (optional)>

**2. Reason for Change**

Ntsctsf\_TimeSynchronization\_ConfigUpdateNotify service operation needs to be specified.

**3. Conclusions**

**4. Proposal**

It is proposed to agree the following changes to 3GPP TS 29.abc.

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

#### 5.2.2.8 Ntsctsf\_TimeSynchronization\_ConfigUpdateNotify

##### 5.2.2.8.1 General

This service operation is used by an TSCTSF to notify the NF Service Consumer of the current state of the time synchronization configuration.

The following procedures using the Ntsctsf\_TimeSynchronization\_ConfigUpdateNotify service operation are supported:

- notification about the current state of the time synchronization configuration.

##### 5.2.2.8.2 Deleting an existing configuration

Figure 5.2.2.8.2-1 illustrates the notification about the current state of the time synchronization configuration.



Figure 5.2.2.8.2-1: Notification about the current state of the time synchronization configuration

When the TSFCST receives the notification for each DS-TT and NW-TT from the PCF, the TSCTSF shall determine the current state of the time synchronization configuration and sends an HTTP POST request with "{configNotifUri}", as previously provided by the NF service consumer within the corresponding configuration, as URI and the TimeSyncExposureConfigNotif data structure as request body, as shown in figure 5.2.2.8.2-1, step 1.

The TimeSyncExposureConfigNotif data structure as request body that shall include:

- Notification correlation ID provided by the NF service consumer during the subscription within "subsNotifId" attribute;

and may include:

- current state of the time synchronization configuration.

Editor's Note: Error/Redirect responses are FFS.

Editor's Note: The information provided by the TSCTSF is FFS in the case that the time synchronization configuration is not present.

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