**SA WG2 Meeting #142e S2-200**

**Nov16th – 20th , 2020 ; Elbonia (revision of S2-200)**

**Source: Nokia, Nokia Shanghai Bell**

**Title: Handling of LS on IP address to GPSI translation (S2-2008358 / S6-202008)**

**Document for: Agreement (P-CR)**

**Agenda Item: 4.1**

**Work Item / Release: EDGEAPP / Rel-17**

*Abstract of the contribution: proposed a “moderated email discussion”*

# 1 Discussion

there may be multiple answers about S2-2008358 = S6 LS on IP address to GPSI translation

1. Due to the closing of the study item SA2 agrees not to address this issue in the Rel-17 time frame
2. SA2 Completes NEF API specification to support UE addressing information as UE identifier as much as possible but a statement tells that: “In this release the case of UE addressing information corresponding to NATed Traffic is not supported”
3. SA2 Completes NEF API specification to support UE addressing information as UE identifier as much as possible including support of NAT
4. SA2 provides the exposure API to return a GPSI (if GPSI is available for the UE identified by IP address) when an IP address of the UE is provided.

# 2 Proposal

|  |  |  |  |
| --- | --- | --- | --- |
| **Company** | **supports** | **Objects to** | **Free text** |
| **Nokia** | 2,3 | 1, 4 | it does not look to be a good idea to not handle in R17Application requests targeting an UE identified by UE addressing information when 3GPP claims Edge Computing is a flagship of R17 . Conversely R17 is more than full.  Having said that, solving the issue of UE addressing information corresponding to NATed IP address may be a second level of discussion  As explained in nokia’s paper, providing back a GPSI to the AF as in alternative 4 does NOT solve the NAT or IP address overlap issues as anyhow Alternative 4 starts with the AF providing UE IP addressing information |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

*End of changes*