**NPIF – *Giddy Up Sub Team***

Monday, October 23, 2023 2:00 PM – 3:00 PM (Mountain Time Zone)

**Chairperson:**

*Cheryl Fullerton (Sinch)*

**Meeting Attendance** *– – 13 Participants*

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| --- | --- | --- | --- | --- | --- |
|  | **Name** | **Company** |  | **Name** | **Company** |
| X | Lisa Marie Maxson | 10xPeople | X | Doug Babcock | iconectiv |
| X | John Nakamura | 10xPeople | X | Sreetal Brahmadevaiah | Neustar |
| X | Shawyna Hanes | AT&T | X | Deb Tucker | Verizon |
| X | Renee Dillon | AT&T | X | Unknown | 16154783548 |
| X | Cheryl Fullerton | Sinch Voice | X | Steve Koch | iconectiv |
| X | Renee Berkowitz | iconectiv | X | Matt Timmerman | iconectiv |
| X | Michael Doherty | iconectiv |  |  |  |
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**PIM 136 – LSMS Performance**

**Requirements that need to be updated or addressed.**

* **Revised GOAL:** Per NPIF, this discussion is back with GUST to review. “New Action Item - GUST (chairperson - Cheryl F) to work with SPs and LNPA on recommendations for remaining open issues in GUST recommendations “.

**Recent Timeline Recap:**

* + - ***6/5/23 GUST Meeting***: Agreed that the focus is to find a way to limit the possibility of one requestor flooding the ecosystem with transactions by exploiting the Primary/Secondary/Delegate relationships to exceed 11 TPS.
    - ***6/5/23 GUST Meeting***: Agreed to present our request at the next NPIF meeting and requests specific assistance to classify and calculate transactions for Primary/Secondary and Delegate SPIDs, the impact on the local systems, and the impact on the ecosystem. Leaving the requirements as is could create a situation where multiple jobs can be initiated which would exceed the 11 TPS if undefined. The group would like to provide definition for this but at this time still cannot come up with a functional method as how we would calculate and limit these.
    - ***6/5/23 GUST Meeting:*** The group was still unable to come to a resolution regarding how any changes to the NPAC transaction requirements apply to SPIDs involved in Primary/Secondary/Delegate SPID relationships for SOA systems. We have agreed to propose this to the NPIF at the June meeting for a larger group discussion.
    - ***10/11/23 NPIF Meeting:*** The larger group was unable to come to a consensus and sent the issue back to subcommittee to work with SPs and LNPA on recommendations for the remaining open issues.

**10/23/2023 GUST Meeting Discussion:**

* + - Reviewed the NPIF Readout from June.
    - Several providers brought up a series of ports during the April-May-June timeframe that caused outages for downstream providers. They are concerned that an increase in the transaction rate will cause an increase in outages due to abuse of the ecosystem by providers continuously flooding the ecosystem with requests. The fear is that left unmanaged, this opens the door for abuse causing service issues for the local and backend systems.
    - The effectiveness of the large port notification process was called into question regarding the ability to utilize that data to forecast network usage, specifically downloads to LSMS and downstream provider ability to manage that notification flow. Data on this was reviewed and additional information requested, if possible, from the LNPA.
    - The question is to assess whether the outages in the April-May-June timeframe were related to the transaction rate itself and if that would become more prevalent if the rate were increased.
      1. Did the rate exceed the currently accepted rate of 7tps?
      2. At the tps rates for the time frame in question, was the transaction rate continuous over an extended period?
      3. Is it possible to discern at what rate, volume, and duration the ecosystem can handle before problems occur with downstream providers being able to keep up and process the information?
      4. The LNPA does not have visibility to the backend systems and cannot provide data to that end, **again the ask is if service providers would provide data to the LNPA (keeping it anonymized to shed light on the transactions that might negatively impacting the ecosystem.**

**Action Items:**

* The LNPA will compile tps data for the April-May-June 2023 timeframe and match that to local system outages.
* The LNPA will compile additional detail (and anonymize) about the business purposes/needs for the large port projects during the April-May-June 2023 timeframe.
* SPs are asked to provide additional data on the impact to downstream providers.

**Next Meeting: Monday, October 30, 2023, 2:00-3:00 PM MST**