**APT MEETING MINUTES**

**September 8, 2022**

1. **Action Items were discussed – see matrix below for updates.**

| Action Item Review | | | |
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| AI # | Description | Discussion | Status |
| APT-02-072122 | Service providers need to investigate what metrics are available in their down-stream systems.  **8/25/2022: Agreement reached that metrics provided should include the elapsed time for the network update of the last TN in the load test.**   * Required: Service Provider will report on the time the identified TN(s) are active in their network. That is, will report the timestamp of the TN is updated in the network element (NPDB) responsible for call routing of the ported number to new (current) service provider’s facilities. This is not the time the LSMS receives the broadcast but the time the network/downstream system(s) is updated (receives the update). * Do SP’s have the ability to check a list/set of TN’s to determine the elapsed time. This list would be provided by the LNPA. Pull TN’s based on TN’s provided by the LNPA at the 15, 30, 45, 60 minute marks – 4 TN’s per region   **9/8/2022**   * This would be only those LSMS’ that are connected to downstream systems both network elements and other types of systems (?).   + Does the LSMS propagate data to downstream system?   + What type of system is data propagated to?   + Provide the timestamp when the data for each TN was propagated (including timezone) down to at least the second | How frequently are STP data/reports be available and how long is that data available for? | Closed |
| APT-03-072122 | **LSMS Vendors & Service Providers: Determine what metrics in their LSMS’ are available and which of those would be useful to measure the success of the upcoming load testing exercise.**  **8/25/2022**  It is recommended that Service providers working with their LSMS Vendor will provide acknowledgement of the analysis of key solution resource attributes to indicate if the resource consumption is continually growing or leveling off during the test period. This acknowledgment will provide insight to the specific implementations ability to sustain the level of performance beyond the test period window. That is if the resource utilizations continue to grow it may imply that running at the performance test rate beyond the sixty minutes period could be problematic.  The actual attributes should be determined by the Service Provider working with their vendors. The individual results will not be shared but the analysis conclusion will be shared once anonymized. A list of example attributes to consider as part of the analysis are provided below:   * + CPU utilization   + Memory utilization   + Queue depth   + Database response time   + I/O latency   + Etc.   **9/8/22**  **Did any of the above items hit critical levels, high levels that were concerning. Information regarding these key performance areas should be reported to the LNPA. Expectation is for each SP to provide an acknowledgement that system performed as expected or if there are any reservations related to increasing the volume to 11 TPS.** | Action Item to remain open – local vendors to provide additional information regarding what data/metrics should be captured/reported on including looking at trending and CPU queues | Open |
| APT-04-072122 | LNPA to provide recommendations regarding the Conditions Resulting in Suspension of Testing (Slide 8) in the attached presentation from July 2022 APT meeting.  **8/25/2022: Agreement was reached on recommendation, details provided in the attached presentation and will be sent to the NPIF.** | Discussion surrounding the recommendations, new action item will be created for Vendors and SP’s to review and provide agreement.  iconectiv updated the presentation based on the discussions | Closed |
| APT-05-072122 | LSMS Vendors work with your service providers, to ensure measurements will be available, resources available for observing their systems during the load testing activities. |  | ~~Closed~~ |
| APT-06-072122 | In order to finalize the requirements for the mix of transactions, LSMS Vendors need to review the questions provided by Renee Dillon (see meeting minutes from 07/21/2022) and be prepared to discuss at the upcoming APT meeting on 8/2/2022  **8/25/2022: Agreement was reached that the mix of transactions would be 70% Activations, 15% Modifies and 15% Deletes. This recommendation will be sent to the NPIF.** | Feedback is still needed on the processing impacts of different types of transactions.  When identifying the transaction processing differences, Vendors should provide details to assist your Service Provider customers in what would best define testing data that will be needed for the Industry Test  Refer to information below regarding questions about transaction processing differences. | Closed |
| APT-01-080222 | Service Providers and Vendors to review the attached presentation regarding considerations for load test to start and for stopping the load test prior to the scheduled stop time.  **08/25/2022 – Agreement was reached on perquisites for the Load Test to start and to Stop – refer the attached presentation which will be send to the NPIF as the APT’s recommendation** |  | Closed |
| APT-01-082522 | The LNPA provided suggested NPAC metrics that should be captured and reported on for the Load Test Exercise. Service Providers and Local System Vendors should review the attached presentation and provide feedback.    **9/8/2022**  LNPA Reviewed the above presentation again and the team agreed with the recommendations. This will be included in the overall APT report to the NPIF. |  | Open |

**There are no additional calls scheduled for the APT at this time.**