LNPA WORKING GROUP

October 9, 2012 Conference Call

Final Minutes

##### LNPA WORKING GROUP ARCHITECTURE PLANNING TEAM (APT) DISCUSSION:

**ATTENDEE LIST**:

| **Name** | **Company** | **Name** | **Company** | | |
| --- | --- | --- | --- | --- | --- |
| Marian Hearn | Canadian LNP Consortium | Dave Garner | | Neustar |
| Jan Doell | CenturyLink | Mubeen Saifullah | | Neustar Clearinghouse |
| Brenda Bloemke | Comcast | Shannon Sevigny | | Neustar Pooling |
| Beth O’Donnell | Cox | Suzanne Addington | | Sprint Nextel |
| Linda Peterman | Earthlink Business | Rosalee Pinnock | | Syniverse |
| Kim Isaacs | Integra | Pat White | | Ericsson/Telcordia |
| Bridget Alexander | John Staurulakis, Inc. | George Tsacnaris | | Ericsson/Telcordia |
| Lynette Khirallah | NetNumber | Kayla Sharbaugh | | Ericsson/Telcordia |
| Jim Rooks | Neustar | Steven Koch | | Ericsson/Telcordia |
| Paul LaGattuta | Neustar | Paula Jordan | | T-Mobile |
| Stephen Addicks | Neustar | Gary Sacra | | Verizon |
| Pamela Connell | Neustar | Jason Lee | | Verizon |
| Ed Barker | Neustar | Deb Tucker | | Verizon Wireless |
| John Nakamura | Neustar |  | |  |
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NOTE: ALL APT ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “OCTOBER\_9\_ 2012 LNPA WG APT ACTION ITEMS” FILE ISSUED IN A SEPARATE E-MAIL FROM THESE MINUTES AND ATTACHED BELOW.

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**MEETING MINUTES:**

**2012 LNPA WG Meeting/Call Schedule:**

Following is the current schedule for the 2012 LNPA WG meetings and calls.

| **MONTH**  **(2012)** | NANC MEETING DATES | LNPA WG  **MEETING/CALL**  **DATES** | HOST COMPANY | MEETING LOCATION |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| January |  | 10th-11th | Telcordia | Scottsdale, Arizona |
| February |  | No meeting or call. |  |  |
| March |  | 13th-14th | Comcast | Denver, Colorado |
| April |  | No meeting or call. |  |  |
| May |  | 8th-9th | Neustar | Key West, Florida |
| June |  | No meeting.  6/12/2012 APT call from 11am to 1pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#. |  |  |
| July |  | 10th-11th | Canadian LNP Consortium | Mont Tremblant Quebec, Canada |
| August |  | No meeting.  8/7/2012 APT call from 11am to 1pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#. |  |  |
| September |  | 11th-12th | CenturyLink & Tekelec | Denver, Colorado |
| October |  | No meeting.  10/9/2012 APT call from 11am to 1pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#. |  |  |
| November |  | 6th-7th | Sprint Nextel | Overland Park, Kansas |
| December |  | No meeting.  12/11/2012 call if necessary |  |  |
|  |  |  |  |  |

* Continuing evaluation during 2012 will determine if interim conference calls are needed or if the decision to meet face-to-face every other month should be revisited.

**Continued Discussion of Alternative Interface (NANC Change Order 372) – All**

 

* Neustar reviewed with the group the changes to the IIS flows (attached above), which are summarized in the accompanying Excel spreadsheet.
* Neustar then led the group in a review of the changes to the schema.

Attached below is Version 13 of the NPAC XML interface schema as both .xsd and .txt files. If you have a schema viewer program it should recognize the .xsd extension. The .txt file can be opened with Notepad:

 

Following is a summary of the changes to the schema:

* The namespace was changed from urn:neustar:lnp:soa:1.0 to urn:lnp:npac:1.0
* try\_other\_host, try\_same\_host, and access\_denied enumerations were added to the BasicCode to support failover scenarios.
* The definition of EndingTN was moved to the attribute section
* An NpacRegion type was added with an enumeration for each of the 8 regions. It is included in the SOAHeader and LSMSHeader.
* NumberString was changed to require at least one digit (from {0,} to +)
* schema\_version was added to indicate the schema version used when initiating a message. It is included in SOAHeader and LSMSHeader.
* SubscriptionStatusChangeCauseCode was changed from an integer to a set of enumerations
* The definition of RangeNotifyTnIdInfo and TnVersionIdList were changed to contain sv\_tn and sv\_id rather than tn\_version\_id
* As we discussed at our last meeting, the SubscriptionModifyData definition was broken into a choice of 4 items: modify\_pending\_new, modify\_pending\_old, modify\_active, and modify\_cancel\_undo.
* SubscriptionVersionObject was removed because it wasn’t used
* As we discussed at our last meeting, the QueryLsmsSVsReplyData was corrected to not contain multiple sv\_data elements
* sv\_tn and sv\_id are now included in the SubscriptionData definition
* SubscriptionDownloadData was added to separate the SV download and the SV query response structures
* The lists SOAtoNPAC, NPACtoSOA, LSMStoNPAC, and NPACtoLSMS were sorted to make it easier to find elements
* invoke\_id was changed from integer to a NumberString
* Neustar will look into NumberPoolBlockCreateReply definition and determine if block\_id should be included and if the reply\_status should be optional.

APT Action Items Not Previously Discussed in Agenda – All:

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Review of September 11, 2012 LNPA WG APT Action Items:

**September 11, 2012 LNPA WG APT Action Items:**

* Item 091112-APT-01: This item has been completed and is Closed.
* Item 091112-APT-02: This item remains Open. On the October 9, 2012 APT conference call, Neustar suggested leaving it optional in order for providers to opt out of supporting extended error codes. This will be further discussed at the November 6, 2012 APT meeting.

**LNPA WG APT Action Items Remaining Open from Previous Meetings:**

* Item 051011-16: This item remains Open.
* Item 091311-APT-02: This item remains Open.

***Next APT Meeting …Part of the November 6-7, 2012 LNPA WG Meeting…***

***Location…Overland Park, Kansas…***

***Hosted by Sprint Nextel***