LNPA WORKING GROUP

August 7, 2012 Conference Call

Final Minutes

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

**ATTENDEE LIST**:

| **Name** | **Company** | **Name** | **Company** |
| --- | --- | --- | --- |
| Ron Steen | AT&T | John Nakamura | Neustar |
| Teresa Patton | AT&T  | Lavinia Rotaru | Neustar |
| Renee Dillon | AT&T Mobility | Dave Garner | Neustar |
| Jan Doell | CenturyLink | Mubeen Saifullah | Neustar Clearinghouse |
| Daniel Dwyer | CenturyLink | Shannon Sevigny | Neustar Pooling  |
| Brenda Bloemke | Comcast | Jaclyn Liu | Sprint Nextel |
| Beth O’Donnell | Comcast | Maamoun Naji | Sprint Nextel |
| Kim Isaacs | Integra | Pat White | Ericsson/Telcordia |
| Bridget Alexander | John Staurulakis, Inc.  | Lisa Marie Maxson | Ericsson/Telcordia |
| Karen Hoffman | John Staurulakis, Inc.  | Kayla Sharbaugh | Ericsson/Telcordia  |
| Lynette Khirallah | NetNumber | Steven Koch | Ericsson/Telcordia  |
| Jim Rooks | Neustar | Paula Jordan | T-Mobile |
| Paul LaGattuta | Neustar | Glenn Andrews | TNS |
| Stephen Addicks | Neustar  | Gary Sacra | Verizon |
| Pamela Connell | Neustar | Deb Tucker | Verizon Wireless |
|  |  | Imanu Hill | Vonage |
|  |  |  |  |

NOTE: ALL APT ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “AUGUST\_7\_ 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 call if necessary |  |  |
| 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.

**APT Alternative Interface (NANC Change Order 372) – All**



* The group agreed to review the schema changes in the attached document line-by-line.
* Neustar then led the group in a review of the changes, which are summarized below.
* Base attributes in the top section of the schema file should be sorted now.
* Naming was changed on some attributes to make them consistent. First char is uppercase, no underscores. Attributes that are only lower case and potentially contain an underscore will be replaced with a 4 character abbreviation in the production schema.
* Enumeration added for TimerType and BusinessType
* Extra “sequence” was removed from:
	+ AuditRequestData
	+ NpaNxxDeleteRequestData
	+ NpaNxxQueryRequestData
	+ LrnDeleteRequestData
	+ LrnQueryRequestData
	+ NpaNxxXQueryRequestData
	+ NumberPoolBlockQueryRequestData
	+ SubscriptionVersionDeleteData
	+ SubscriptionVersionQueryRequestData
* Sections where minOccurs=”0” was indicated and it should have been minOccurs=”1” (default):
	+ AuditCancelReplyData
	+ FailedSpList
	+ AuditQueryReplyData
	+ NpaNxxQueryReplyData
	+ LrnQueryReplyData
	+ NpaNxxXQueryReplyData
	+ NumberPoolBlockModifyReplyData
	+ NumberPoolBlockQueryReplyData
	+ SubscriptionVersionQueryReplyData
	+ RangeNotifyTnIdInfo
	+ QueryLsmsSVsReplyData
	+ QueryLsmsBlocksReplyData
* LnpKey was changed from integer to NumberString (positive numbers), use of LnpKey is restricted to only definition of additional types.
	+ Neustar stated that only the positive representation of integers would be presented, and not the negative representation. Based on the discussion of the LnpKey being changed from an integer with positive and negative representation to a NumberString with only positive number representation, Local System Vendors are to determine if this will be problematic in their respective systems when matching id values from the CMIP interface that can be positive and negative.
* od\_value in the OptionalData type was made nilable.
* The “count” attributes were change to NumberString rather than integer.
* sv\_list and sv\_data were switched in SubscriptionVersionQueryReplyData
* “nilable: was removed from the Boolean attributes:
	+ sv\_new\_sp\_medium\_timer\_indicator
	+ sv\_old\_sp\_medium\_timer\_indicator
* LSMSContent and SOAContent were changed to disallow a single request to contain a message “to” the NPAC and “from” the NPAC.
* Neustar then reviewed the schema for SOA messages. In response to a question from a Local System Vendor, Neustar responded that there is no requirement to pass up the tags for DPC data.
* A Local System Vendor asked if a sub-class structure of Modify data for Old and New SPs would be created in the new interface to distinguish the differences in action capability. Neustar will investigate the impacts related to the suggestion that a sub-class structure of Modify data for Old and New SPs be created to distinguish differences in action capabilities.
* A Local System Vendor asked at what point is the Audit ID returned for use in a Cancel Audit. Neustar responded that it was discussed and it was determined not to enable a Cancel Audit. Neustar will investigate the impacts of not doing the Cancel Audit in the new interface. Neustar later pointed out that the Audit ID is returned in the Audit Create reply.
* Neustar will change the AuditDiscrepancyRpt structure from minOccurs=”0” to minOccurs=”1” (default).
* Neustar will review the network data reply messages to verify representation of multiple returned errors is correct.
* Neustar will review the use of download\_reason in the network data download message structures.
* Neustar stated that this completes a first pass through the XML schema. Changes from today’s call will be reviewed at the September 11, 2012 APT meeting.

***Next APT Meeting …Part of the September 11-12, 2012 LNPA WG Meeting…***

***Location…Denver, Colorado…***

***Hosted by CenturyLink and Tekelec***