LNPA WORKING GROUP

November 9-10, 2011 Meeting

Final Minutes

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| San Antonio, Texas | Host: AT&T |

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

**WEDNESDAY 11/09/11**

Wednesday, 11/09/11, Attendance:

| **Name** | **Company** | **Name** | **Company** | | |
| --- | --- | --- | --- | --- | --- |
| Tracey Guidotti | AT&T | Marcel Champagne | | Neustar |
| Ron Steen | AT&T | Dave Garner | | Neustar |
| Teresa Patton | AT&T | Mubeen Saifullah | | Neustar Clearinghouse |
| Mark Lancaster | AT&T (phone) | Shannon Sevigny | | Neustar Pooling (phone) |
| Cyd Anglin | AT&T | Sue Tiffany | | Sprint Nextel (phone) |
| Lonnie Keck | AT&T Mobility | Carol Frike | | Sprint Nextel (phone) |
| Barb Hjelmaa | Brighthouse (phone) | Rosemary Emmer | | Sprint Nextel |
| Jan Doell | CenturyLink | Suzanne Addington | | Sprint Nextel (phone) |
| Vicki Goth | CenturyLink (phone) | Nancy Conant | | Synchronoss (phone) |
| Tim Kagele | Comcast (phone) | Bob Bruce | | Syniverse (phone) |
| Dena Hunter | Cricket (phone) | Adam Newman | | Telcordia |
| Joan Bridgeman | Cricket (phone) | Joel Zamlong | | Telcordia |
| Linda Peterman | EarthLink Business | Pat White | | Telcordia |
| Gene Johnston | G&L Consulting | Lisa Marie Maxson | | Telcordia |
| Bonnie Johnson | Integra (phone) | John Malyar | | Telcordia |
| Connie Stufflebeem | Iowa Network Services (phone) | George Tsacnaris | | Telcordia |
| Karen Hoffman | John Staurulakis, Inc. (phone) | Kayla Sharbaugh | | Telcordia (phone) |
| Bridget Alexander | John Staurulakis, Inc. (phone) | Paula Jordan | | T-Mobile |
| Angie Beckett | John Staurulakis, Inc. | Luke Sessions | | T-Mobile |
| Bridget Ketiku | Metro PCS | Amanda Molina | | Townes (phone) |
| Jim Rooks | Neustar | George Stonesifer | | US Cellular |
| Paul LaGattuta | Neustar | Gary Sacra | | Verizon |
| Stephen Addicks | Neustar | Jason Lee | | Verizon (phone) |
| John Nakamura | Neustar | Deb Tucker | | Verizon Wireless |
| Greg Roberts | Neustar | Imanu Hill | | Vonage |
| Ed Barker | Neustar | Traci Brunner | | Windstream |
| Larry Vagnoni | Neustar | Dawn Lawrence | | XO Comm. |
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NOTE: ALL APT ACTION ITEMS REFERENCED IN THE MINUTES BELOW HAVE BEEN CAPTURED IN THE “NOVEMBER\_9\_ 2011 LNPA WG APT ACTION ITEMS” FILE ISSUED IN A SEPARATE E-MAIL FROM THESE MINUTES AND ATTACHED BELOW.

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**MEETING MINUTES:**

**2011 LNPA WG Meeting/Call Schedule:**

Following is the current schedule for the 2011 LNPA WG meetings and calls.

| **MONTH**  **(2011)** | NANC MEETING DATES | LNPA WG  **MEETING/CALL**  **DATES** | HOST COMPANY | MEETING LOCATION |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| January |  | 11th-12th | Telcordia | San Diego, California |
| February |  | No meeting.  2/8/2011 LNPA WG call from 11am to 12pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#  2/8/2011 APT call from 12pm to 2pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272# |  |  |
| March |  | 15th-16th | Comcast | Denver, Colorado |
| April |  | No meeting.  4/12/2011 APT Live Meeting from 11am to 2pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#  4/12/2011 LNPA WG call from 2:30pm to 3:30pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272# |  |  |
| May |  | 10th-11th | Canadian Consortium | Banff, Canada |
| June |  | No meeting.  6/14/2011 APT call from 11am to 12pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272#  6/14/2011 LNPA WG call from 12:00pm to 2:00pm Eastern time, dial-in bridge number is 888-412-7808, pin 23272# |  |  |
| July |  | 12th-13th | Neustar | New Orleans, Louisiana |
| August |  | No meeting or call. |  |  |
| September |  | 13th-14th | Sprint Nextel | Overland Park, Kansas |
| October |  | No meeting or call. |  |  |
| November |  | 9th-10th **(NOTE THAT THIS IS A WEDNESDAY AND THURSDAY)** | AT&T | San Antonio, Texas |
| December |  | No meeting or call. |  |  |
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* Continuing evaluation during 2011 will determine if interim conference calls are necessary or if the decision to meet face-to-face every other month should be revisited.

September 13, 2011 APT Meeting Minutes Review:

* No changes were made to the DRAFT September 13, 2011 APT meeting minutes, and they were approved as FINAL.

APT Test Plan Review Team Update – John Nakamura, Neustar:

**Action Item 051011-16:** Neustar and Telcordia will create a list of Vendor (ITP) and Service Provider regression test cases, identify which are Vendor (ITP) and which are regression or which are both, determine which are conditional, and which apply to the following four categories:

1. New Service Provider and New Vendor,
2. New Service Provider and Experienced Vendor,
3. Experienced Service Provider and New Vendor,
4. Experienced Service Provider and Experienced Vendor.

The status of this work effort will be provided on the June 14, 2011 APT conference call and at the APT portion of the July 2011 LNPA WG meeting.

**Action Item 091311-APT-02:** As a part of the effort to review and update the Vendor ITP and Service Provider Turn-up Test Plans, the APT Test Plan Sub-team will identify to the full LNPA WG any functionality that is recommended for consideration to be sunsetted.

* No APT Test Plan Sub-team meetings or calls have taken place since the last LNPA WG meeting. Action Items 051011-16 and 091311-APT-02 will remain open.

Brainstorming of Possible Future LNPA WG Agenda Items – All:

**Action Item 091311-APT-03:** Gary Sacra, LNPA WG Co-Chair will place in the *Brainstorming of Possible Future LNPA WG Agenda Items* document an item specific to the support of non-EDR functionality. The item will be specific to determining if Non-Efficient Data Representation (Non-EDR) support will be:

1. Sunsetted – defined as eliminating non-EDR support entirely for any existing SPs and any new entrant SPs.
2. Grandfathered – defined as continued support of non-EDR for any existing non-EDR SPs and eliminating non-EDR support for any new entrant SPs.
3. BAU – Non-EDR support will continue to be available for any non-EDR SP, whether existing or new entrant.

See related Action Item 091311-APT-04.



* The group reviewed the attached document and agreed to close Action Item 091311-APT-03 with the addition of the sunset options.

**Action Item 091311-APT-04:** Service Providers are to come to the November 9, 2011 LNPA WG APT meeting prepared to discuss and eventually determine if Non-Efficient Data Representation (Non-EDR) support will be:

1. Sunsetted – defined as eliminating non-EDR support entirely for any existing SPs and any new entrant SPs.
2. Grandfathered – defined as continued support of non-EDR for any existing non-EDR SPs and eliminating non-EDR support for any new entrant SPs.
3. BAU – Non-EDR support will continue to be available for any non-EDR SP, whether existing or new entrant.

See related Action Item 091311-APT-03.

* AT&T stated that they currently have plans to go completely to EDR in the future and would support a sunset date if it was a reasonable timeframe. AT&T would feel comfortable with the end of 2Q2012.
* Verizon stated that they would support a) or b), but not c). Sprint Nextel and T-Mobile agreed.
* Neustar asked if we sunsetted non-EDR support, would we have a release to remove non-EDR support. We could wait until a next release to remove it instead of a special release.
* Consensus was reached to grandfather non-EDR support for existing SPs and then sunset it at the end of 2Q2012.
* Neustar will develop a Change Order for the sunsetting of non-EDR support for review at the January 2012 LNPA WG APT meeting.
* Action Item 091311-APT-04 is closed.

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

**Action Item 091311-APT-01:** APT Participants are to come to the November 9, 2011 LNPA WG APT meeting prepared to begin discussions on NANC Change Order 372 (see in attached document), which addresses a proposed alternative interface, e.g., XML, to the current CMIP interface.



* Neustar walked the group through the slide deck attached below in order to facilitate the discussion of an interface alternative to CMIP.



* Telcordia asked if JSON could be added to the discussion. It was agreed to consider it in addition to XML.
* A Service Provider stated that they support the interface change but with no timeline at this time.
* Important question for consideration – do we want to make the interface connection-oriented (session-based) like CMIP, or stateless.
* It was stated that we need to be smart about what messages we include in a new interface and not just recreate what’s currently in CMIP.
* Telcordia suggested having sub-Change Orders for the message efficiencies on slide 3. Others stated that they would be ok with that but would want any efficiencies implemented at the same time as the new interface.
* The group was reminded the group that the Service Providers will be making the final decisions on key questions related to a new protocol.
* Action Item 091311-APT-01 is closed.
* This discussion will become a regular agenda item for the APT.
* Neustar will develop a list of key questions to assist Service Providers in their internal discussions of NANC 372 – Alternative Interface – in order to drive future discussions and requirements development.
* Service Providers are to come to the January 2012 LNPA WG APT meeting prepared to discuss NANC 372 – Alternative Interface – and provide any available internal feedback on the attached key questions provided by Neustar.

Discussion of NPAC Support of IPv6 – Neustar:

**Action Item 051011-01:** Neustar will develop a proposed Change Order related to NPAC support of IPv6, to be sponsored by AT&T Mobility.

* Neustar presented the attached Change Order addressing Action Item 051011-01.



* A Service Provider asked if we go to a new interface that supports IPv6, would we have to support IPv6 in CMIP. Neustar responded that IPv4 and IPv6 can co-exist in a dual stack approach. There would be no flash cut to IPv6. The new interface would only need to support IPv6.
* The Change Order was accepted by the group to be worked, i.e., requirements development. It is NANC 447. Further discussion of NANC 447 will be on the agenda for the January 2012 APT meeting.
* Action Item 051011-01 is closed.

APT Action Items Not Previously Discussed in Agenda – All:

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Review of September 13, 2011 LNPA WG APT Action Items:

**September 13, 2011 LNPA WG APT Action Items:**

* Item 091311-APT-01: This item has been completed and is Closed.
* Item 091311-APT-02: This item remains Open.
* Item 091311-APT-03: This item has been completed and is Closed.
* Item 091311-APT-04: This item has been completed and is Closed.

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

* Item 051011-16: This item remains Open.

Discussion of Need for Interim APT Call(s) – All:

* Test plan calls will be scheduled separately.
* It was suggested that we eliminate the test cases related to non-EDR support. They will be ear-marked for eventual deletion.
* No full APT calls will be scheduled prior to the January 2012 face-to-face meeting.

***Next APT Meeting …Part of the January 10-11, 2012 LNPA WG Meeting: Location…Scottsdale, Arizona…***

***Hosted by Telcordia***