

LNPA WORKING GROUP
Architecture Planning Team
May 7, 2013 Meeting
Draft Minutes

Miami, FL	Host: Neustar
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LNPA WORKING GROUP ARCHITECTURE PLANNING TEAM (APT)
DISCUSSION:

TUESDAY 05/07/2013

Attendance

Name	Company	Name	Company
Lonnie Keck	AT&T	Karen Hoffman	JSI (phone)
Ron Steen	AT&T	Lynette Khirallah	NetNumber (phone)
Teresa Patton	AT&T	Dave Garner	Neustar
Tracey Guidotti	AT&T	Ed Barker	Neustar (phone)
Mark Lancaster	AT&T (phone)	Fariba Jafari	Neustar
Renee Dillon	AT&T (phone)	Jim Rooks	Neustar
Frank App III	Bright House	John Nakamura	Neustar
Matt Nolan	Bright House	Kristen Hamilton	Neustar
Barbara Hjelmaa	Bright House (phone)	Lavinia Rotaru	Neustar
Cristy Permenter	Bright House (phone)	Marcel Champagne	Neustar
Marian Hearn	Canadian LNP Consortium	Michael O'Connor	Neustar
Jan Doell	CenturyLink	Pamela Connell	Neustar
Brenda Bloemke	Comcast (phone)	Paul LaGattuta	Neustar
Kerri Burke	Comcast (phone)	Stephen Addicks	Neustar
Beth O'Donnell	Cox (phone)	Mubeen Saifullah	Neustar Clearinghouse
Devang Naik	DSET	Shannon Sevigny	Neustar Pooling (phone)
Robin Rice	DSET	Ann Fenaroli	Sprint Nextel
Linda Peterman	Earthlink Business	Rosemary Emmer	Sprint Nextel
Jeff Sonnier	Ericsson	Jeanne Kulesa	Synchronoss (phone)
Crystal Hanus	GVNW (phone)	Rosalee Pinnock	Syniverse
George Tsacnaris	iconectiv	Luke Sessions	T-Mobile
Joel Zamlong	iconectiv	Paula Campagnoli	T-Mobile
John Malyar	iconectiv	Kayla Sharbaugh	TNS (phone)
Pat White	iconectiv	Jason Lee	Verizon (phone)
Steven Koch	Iconectiv (phone)	Deb Tucker	Verizon Wireless
Kim Isaacs	Integra (phone)	Imanu Hill	Vonage
Bridget Alexander	JSI (phone)	Dawn Lawrence	XO (phone)

NOTE: AS NOTED IN THE EMBEDDED FILE, ALL APT ACTION ITEMS ARE NOW CLOSED. NEW ACTION ITEMS ARE INCLUDED IN THE LNPA WG ACTION ITEM LIST.



May 7 2013 LNPA
WG APT ACTION ITEI



May 7-8 2013 LNPA
WG ACTION ITEMS.d

APT MEETING MINUTES:

2013 LNPA WG Meeting/Call Schedule:

Following is the current schedule for the 2013 LNPA WG meetings and calls. The APT will typically meet on the first day of the LNPA WG meeting dates.

MONTH (2013)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
January		8 th -9 th	Ericsson/ Telcordia	Scottsdale, Arizona
February		No meeting or call. Scheduled time on 2/5/13 for conference call to be used by APT.		
March		5 th -6 th	DSET	Atlanta, Georgia
April		No meeting or call. 04/09/2013 call if necessary		
May		7 th -8 th	Neustar	Miami, FL
June		No meeting. 06/17/2013 conference call		
July		9 th -10 th	T-Mobile	Seattle, Washington
August		No meeting. 08/06/2013 call if necessary		
September		10 th -11 th	Comcast	Denver, Colorado
October		No meeting. 10/08/2013 call if necessary		

MONTH (2013)	NANC MEETING DATES	LNPA WG MEETING/CALL DATES	HOST COMPANY	MEETING LOCATION
November		5 th -6 th	AT&T	San Antonio, Texas
December		No meeting. 12/03/2013 call if necessary		

March 5, 2013 Draft APT Meeting Minutes Review:

- No changes were made to the DRAFT March 5, 2013, APT meeting minutes.
- They were approved as FINAL.

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

John gave a status report on the Review Team activity as follows:

Since the March APT meeting, the Test Plan Review Sub-Team conducted conference calls on March 12, March 26, and April 2 to review the documents. The review of the pooling data was concluded on the March 12 call. The audit data was concluded on the March 26 call, and the recovery data was concluded on the April 2 call. This completed the review of the Excel spreadsheets and actual test cases for regression testing.

The sub-team also reviewed a working document that listed areas within the Inter-op Test Plan that are not included in the Turn-Up Test Plan. Most of those items are lower-level functionality that are tested elsewhere in higher-level Turn-Up Test Cases, but a couple of them are not tested at the higher-level so those will be added as new Turn-Up Test Cases in the new vendor test case matrix of the Turn-Up Test Plan.

Regarding action item 051011-16, the sub-team completed the cross-reference review of the ITP regression with the TUTP regression. In response to the action item of the four testing categories:

1. There is a set of test cases that satisfy #4 (experienced/experienced).
2. The sub-team looked at ITP test cases for stack-to-stack testing, security testing, and association management testing. None of these were required for vendor regression testing. However, they are applicable for a new vendor, so they will be moved into the TUTP as new test cases for a new vendor. There are 29 test cases in this category. These will apply to categories #1 and #3.
3. For category #2, the list remains the same. No changes from the ITP to TUTP integration.

Regarding action item 091311-APT-02, the sub-team recommended that two areas be sunset:

1. Op-info message from NPAC to SOA/LSMS,
2. SOA/LSMS creating/deleting its own NPA-NXX filters.

Neither is used in production today. John asked this question – “What about query by SOA/LSMS of its own NPA-NXX filters?” Service Providers need to ask their company people about this. John recommended a change order be created for the sunset of the Op-info message,

and another one for the sunset of the creating/deleting own NPA-NXX filters. An action item was added for the query of NPA-NXX filters.

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:*

*New Service Provider and New Vendor,
New Service Provider and Experienced Vendor,
Experienced Service Provider and New Vendor,
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.

November 6, 2012 meeting update: Item remains Open and ongoing. At the July 12, 2011 APT meeting, a sub-team was formed made up of John Nakamura (Neustar and sub-team lead), Jim Rooks (Neustar), Pat White (Ericsson/Telcordia), Lisa Marie Maxson (Ericsson/Telcordia), John Malyar (Ericsson/Telcordia), Kayla Sharbaugh (Ericsson/Telcordia), Suzanne Addington (Sprint Nextel), Karen Fahrenbruch (CenturyLink), Renee Dillon (AT&T Mobility), Linda Peterman (Earthlink), Jim Seigler (DSET), and Jason Lee (Verizon Business). Separate conference calls are being held to review and revise the test plans.

Action Item 051011-16 is closed.

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 sunset.*

Action Item 091311-APT-02 is closed.

There was no objection to sunset the above features. John Nakamura will create a change order to remove OPTINFO, and another for the sunset of the ability for a service provider to create/delete their own NPA/NXX filters. A new Action Item for service providers was assigned:

Action Item 050713-01: *It has been recommended that the capability for service providers to manage their own NPA-NXX filters not be included in the XML interface. This will be approved or disapproved at the July 2013 meeting. The recommendation is based on the fact that Neustar has been unable to identify any instances where service providers have used this feature in the CMIP interface. Service providers are to determine whether they ever use the SOA or LSMS to set their own NPA-NXX filters. Vendors are to determine whether or not their systems currently support this capability.*

The newly integrated test plan will be reviewed during the Change Management portion of the LNPA Working Group meeting.

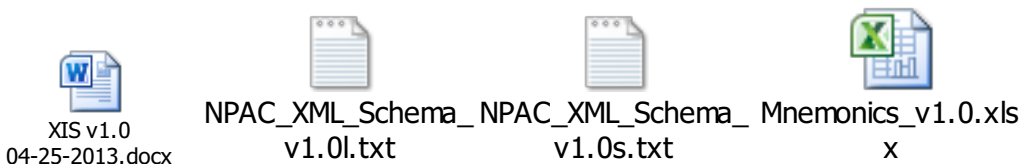
Discussion of Alternative Interface (NANC Change Order 372) – All:

Neustar reviewed the FRS changes to NANC 372 and to the XML Interface Specification.

Listed below is a summary of XML Schema changes in version 1.0 (since version 0.17):

- In AuditServiceProvIdRange the tag audit_requesting_sp_name was changed to audit_sp_name_or_id.
- The enumeration value origination_ts_failure was added to the BasicCode type.
- In RangeNotifyTnIdInfo the maxOccurs=unbounded was removed from list_info sequence to simplify the structure.
- The type VersionRangeNewSpFinalCreateWindowExpirationInfo was removed because it's the same as the type RangeNewSpCreateRequestInfo.
- The ModifyAction type was changed to ModifyRequestData to be consistent with other names.
- The attribute sv_status_change_cause_code was added to the VersionObjectAttributeInfo structure.
- SubscriptionVersionModifyData, SubscriptionVersionCreateData, and SubscriptionVersionDeleteData were simplified to use the type range_notif_tn_id_info.
- SubscriptionVersionModifyData, SubscriptionVersionCreateData, SubscriptionVersionDeleteData, QueryLsmsSVsReplyData, and QueryLsmsBlocksReplyData rearranged for readability.
- svb_download_reason was added to the SubscriptionVersionDeleteData structure.
- The download_reason field in SPIDdata is no longer optional.

The documents are embedded here:



Iconectiv comments and concerns are embedded here:



Neustar agreed with most of the comments. Neustar and iconectiv will discuss the comments by conference call and/or email for clarification of some questions they have. A document will be prepared for review at the July 2013 meeting.

One discussion item concerned the return of only LRN information on a TN audit. It is potentially easier to provide the entire SV record on the audit as opposed to only the LRN. The

reason for the issue is that the CMIP interface allows auditing the LRN only. Service providers don't see the need to have the LRN only. It seems more helpful to get the entire record rather than just an LRN. This may save additional queries to obtain other data elements.

John Nakamura went through changes in the FRS that have been made based on some of the comments made by iconectiv. The embedded document below shows the changes that have been made.



NPAC updates to
FRS for NANC 372 - v

Test Case Review Needed for the XML Interface

Neustar has begun review of the test cases that are needed for implementation of the XML interface. All the CMIP test cases need to be reviewed to determine if they still apply to the XML interface. Also, there will need to be additional test cases for the XML interface.

The vendor testing and the service provider testing will use the same turn up test plan. In the past, the inter-operational and the turn up test plans were different. There is discussion about whether or not individual service providers should be required to do their own testing.

Action Item 050713-02: Service providers are to be prepared to state their company positions on the **June 17, 2013, conference call** as to whether or not new service providers should be required to do turn up testing themselves (or through a surrogate) even though the same test plan will be used that the vendors used to do their testing. And if the vendor that does the vendor testing is also the surrogate for the service provider, does the test have to be repeated?

APT Action Items

All Architecture Planning Team Action Items from previous meetings are now closed. All new items will be included on the LNPA Working Group Action Item list.

After this meeting the APT will become dormant, and these issues will be addressed during the change management portion of the LNPA WG meetings.

Next LNPA WG Conference Call: June 17, 2013

Next LNPA WG Meeting: July 9-10, 2013

Location: Seattle, Washington

Hosted by T-Mobile