APT MEETING MINUTES

April 5, 2017

TEST CASE REVIEW

Reviewed test cases with the following results:

- 17 Updated to Pending Doc Only Change, to be closed in May APT

- 1 Open pending review in May LNPA WG

Reviewed/confirmed NANC 485 updates in latest version of Test Cases from CMA

New NANC Change Order will be opened to track subsequent Test Case clarifications

CHANGE ORDER NANC 461

Discussed the iconectiv proposed approach on Change Order 461 for interim implementation of Sunset features without Local System interface impact (Contribution Provided below)

- Received the following feedback:

- iconectiv has no impacts i.e. will not auto retry messages based on the proposal

- Neustar has no impacts i.e. will not auto retry messaged based on the proposal

- Net Number is not impacted.

- Input needed from 10X & Oracle – APT Co-Chairs will reach out to these vendors

There are optional test cases already existing for those 461 sunset items. If a SUT was to request executing the sunset items they would use the existing optional test case(s). We would document that the expected value is the agreed return code from the accepted version of the 461 change order (whatever that ends up). That information would be in the addendum to the Test Cases.

- Question was asked if new test cases or existing ones should be updated to support the changes related to CO 461. The purpose of the testing would be to validate that if one of these messages is received by the NPAC that the appropriate error message is sent to/received by the SOA. This would not be a required test case.

- NANC 461 is being updated to only include the agreed upon items, the remaining sunset items will be removed from 461 and brought in under a new change order. These will be reviewed and discussed at the next APT Meeting.

sFTP & OTHER SUGGESTED NEW TEST SCENARIOS

The contribution provided by Neustar, attached below, will be discussed in depth at the May LNPA APT meeting, attendees should come prepared having pre-reviewed the information.

ADDITIONAL TOPICS

- Neustar OMS – NPAC Testing Approach

- A request was made of the co-chairs to add a list of testing topics to the May LNPA WG meeting. All WG & APT agenda items must first be approved by the NANC. The APT co-chairs will work with Neustar to discuss and determine what items should be added to the MAY agenda and then will be sent to the LNPA WG co-chairs to be added to the overall agenda in order to receive approval

iconetiv Contribution for Change Order NANC 461:

Change Order NANC 461, which has been accepted by the LNPA WG, describes various functionality that would be sunset (removed) from the NPAC SMS. The LNPA WG APT is considering mechanisms that could be used to sunset the functionality described in the following two items of NANC 461 *without* changing the ASN.1/GDMO:

    · 1.1 – Sunset the ability for Service Providers to update their CMIP network data in their customer profile

    · 1.3 – Sunset unused Customer Contact information on NPAC Admin GUI and LTI

Initially, iconectiv proposed changing the NPAC SMS processing to ignore values in network address and contact information for M-SET requests for the serviceProv object. In addition, iconectiv proposed generating an alarm for LNPA Operations whenever network address or contact information attributes were populated in a serviceProv M-SET request, to allow for LNPA Operations to follow up with the User that made the request and inform them of the sunset functionality. During discussions in the LNPA WG APT meetings, APT participants proposed that the NPAC SMS return an error response rather than silently ignoring the network address and contact information attributes, as was originally proposed.

In the recent proposal for the CMIP SOA and LSMS interfaces, the APT is considering having the NPAC SMS return an error if any M-SET request for the serviceProv object is received with any values set for serviceProvAddress, serviceProvLinkInfo, or any of the optional address info packages. That is, the NPAC SMS would prohibit updating contact information and network address information over the CMIP interface and return an error when any such request is received. The ability to update contact information and network address information is not currently available over the XML interface, and so there are no changes proposed to the XML interface.

With this change, if any contact information attribute was specified in the M-SET, the NPAC SMS would return the following existing application level error if non-Action application level errors are supported by the local system.

SMS Error	Description	CMIP Error	Description
2068	Invalid value for Contact Name entered.	10	processingFailure_er

With this change, if any network address information was specified in the M-SET, the NPAC SMS would return the following existing application level error if non-Action application level errors are supported by the local system.

SMS Error	Description	CMIP Error	Description
2078	Invalid value for NSAP entered.	10	processingFailure_er

If non-Action application level errors are *not* supported by the local system, then a processingFailure error would be returned if contact information and/or network address information attributes are populated in the M-SET.

In the scenarios described above where an error is returned by the NPAC SMS, NPAC SMS internal processing will generate an alarm for LNPA Operations staff. Using the information in the alarm, the LNPA Operations staff would be able to follow up with the mechanized SOA/LSMS User that initiated the request, to remind them of the functionality that was sunset.

Please review the proposal above and bring any concerns to the next LNPA WG APT meeting. In particular, please be ready to indicate if your SOA/LSMS performs an automatic retry of a request based on the error responses proposed.