**LNPA WG Agenda Item – Determine what NPAC Functionality should be considered for sunset**

# Service Provider Data

## Sunset the ability for Service Providers to update their CMIP network data in their customer profile

The NPAC Customer Network Address information allows Service Providers to modify their own data, such as NSAP, TSAP, SSAP, PSAP, and Internet Address. It would be more secure to only allow NPAC Personnel to modify this data on behalf of the Service Provider, as an incorrect modification would cause the Service Provider to lose connectivity to the NPAC.

**NPAC LOE: Low-Medium.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **Low** | **Medium** | **N/A** |
| **LSMS LOE** | **None** | **None** | **Medium** |

Usage: No Service Provider has updated their CMIP Network Data in their customer profile in the past year.

Local System Impact: Removing this functionality from the interface would result in ASN.1 and GDMO impacts. Local Systems that allow it today would have to be changed to remove capability. Either an operations change (if disabled in the NPAC only) or a functionality change (if removed from the interface) would be required to sunset this capability.

## Removed

## Sunset unused Customer Contact information on NPAC Admin GUI and LTI

The NPAC Customer Contact information has categories for Billing, Conflict Resolution, LSMS, NPAC Customer, Network and Communications Facilities, Operations, and Repair Center. Many of these are either left blank, or populated with the same information for all categories, rendering them not helpful to other Service Providers that are looking to get the appropriate contact information. At one time this information was used to populate the NPAC secure website, however today all contact info for the secure website is pulled from a different system. The contact info in the NPAC customer profile can only be viewed by the profile SPID and NPAC Personnel.

**NPAC LOE: Low-Medium.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **Low** | **Low** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: There were 3 Service Providers that requested to change the contact information in their profile in 2014.

Local System Impact: The Customer Contact information can be queried over the XML and CMIP interfaces and updated over the CMIP interface. Either an operations change (if disabled in the NPAC only) or a functionality change (if removed from the interface) would be required to sunset this capability.

# Network Data

## Removed

## Removed

# Subscription Data

## Sunset single TN Notifications

In R3.1 (Oct 2001), the NPAC implemented NANC 179, TN Range Notifications. For SOAs/LSMSs that do not support ranges, individual TN notifications are used. Ranged notifications are beneficial for updates to multiple SVs because the notification information is consolidated into a single notification. This functionality is optional in the XML interface. For 1 TN, a range notification of 1 is used.

**NPAC LOE: Low-Medium.**

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| --- | --- | --- | --- |
|  | **Iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: 5 SOA SPIDs (3 Service Providers) in the 7 U.S. NPAC Regions currently do not support range notifications. The vendor(s) for these 3 Service Providers do support range notifications.

## Removed

## Removed

## Sunset the ability for SOA to not support Cause Code 2 (automatic conflict from cancellation notification)

In R3.3 (Feb 2006), the NPAC implemented NANC 138, Definition of Cause Codes. A new cause code was added to differentiate 1.) automatic cancellation, from 2.) automatic conflict from cancellation. For SOAs that do not support cause code #2, the cause code was set to #1 in all cases, thereby limiting the effectiveness of cause code #1 (is it really #1, or #2 defaulted to #1?). This functionality is still optional in the XML interface.

**NPAC LOE: Low.**

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| --- | --- | --- | --- |
|  | **iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: 11 SOA SPIDs (10 Service Providers) in the 7 U.S. NPAC Regions currently do not support Cause Code 2. The vendor(s) for these 10 Service Providers do support Cause Code 2.

## Sunset the ability for SOA to not support receiving AVC when an SV transitions from Cancel-Pending to Conflict due to expiration of T2

NANC change order 373 was created and discussed in Dec 2002. The NPAC documentation did NOT initially list the AttributeValueChange notification when the NPAC automatically sets an SV from cancel-pending to conflict at expiration of the T2 timer. To reconcile this, a doc only change was made to include it and the AVC notification was optional. If this feature is sunset it would no longer be optional. All systems would receive the notification. This is required in the XML interface.

**NPAC LOE: Low.**

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| --- | --- | --- | --- |
|  | **iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: 11 SOA SPIDs (5 Service Providers) in the 7 U.S. NPAC Regions currently do not support receiving AVC when an SV transitions from Cancel-Pending to Conflict due to expiration of T2. The vendor(s) for these 5 Service Providers do support receiving the AVC.

# Pool Block Data

## Removed

# Audits

## Sunset Delete Audit notifications in CMIP Interface

During the development of the XML documentation, it was agreed that the notification from the NPAC to the SOA that created the audit would NOT be included in the XML interface. The M-EVENT-REPORT objectCreation of the subscriptionAudit object is not a candidate for sunset in CMIP because it contains the Audit ID. Therefore, only the M-EVENT-REPORT objectDeletion of the subscriptionAudit object is a candidate for sunset in CMIP.

**NPAC LOE: Low-Medium.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **Medium** | **High** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: During a 45 day period in November-December, 2014, the NPACs in the 7 U.S. Regions sent an M-EVENT-REPORT objectDeletion for the subscriptionAudit object 2,495 times.

## Sunset separate Audit Discrepancy notification in CMIP Interface (this will result in the consolidation of the data in the Audit Discrepancy results notification into the Audit results notification.

During the development of the XML documentation, it was agreed to combine two CMIP notifications (subscriptionAudit-DiscrepancyRpt and subscriptionAuditResults) into one XML notification (subscriptionAuditResults), from the NPAC to the current SOA. Making the same change to the CMIP interface and removing the M-EVENT-REPORT subscriptionAudit-DiscrepancyRpt notification is a candidate for sunset.

**NPAC LOE: Medium.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **High** | **High** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: Every time an Audit is completed and results sent to SOA.

Local System Impact: SOA will have to support new format to accept discrepancy results data in Audit results notification.

# Recovery

## Removed

# BDDs

## Sunset BDD Response Files

In R3.2 (May 2003), the NPAC implemented NANC 322, Clean up Failed SP List based on Service Provider’s BDD Response File. This allowed a failed LSMS to bypass the receipt of SV data during an SV Recovery Request if the LSMS already received the SVs in a BDD File. This functionality is not interface specific. It could be used by providers regardless of what interface they support.

**NPAC LOE: Low.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: No provider has ever sent a BDD response file to the NPAC for processing. At the January 2015 LNPA WG meeting, the group determined that this is a strong candidate for sunsetting.

# Reports

## Removed

## Sunset Data Integrity Sample (Audit and report)

The Data Integrity Sample functionality is no longer needed (both the audit and the report). This is defined in section 8.7, Data Integrity Sampling, of the FRS. It was designed to monitor data integrity between the NPAC SMS and the Local SMS. Data integrity has never been an issue, as failed SP Lists with corresponding recovery requests, and audits are self-cleaning mechanisms.

**NPAC LOE: Low.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: The Sample Audit is run every 7 days, but the report is never generated.

# Other Data

## Removed

## Removed

## Sunset the following (highlighted in yellow) unused billing categories (like mass storage, audits, etc.)

Some billing data and billing reports are not used (e.g., R11-4, Usage Measurements for Allocated Mass Storage, NPAC SMS shall generate usage measurements for the allocated mass storage – number of records stored – for each Service Provider).

From the FRS (NOTE: Only the following functionality highlighted in yellow is being considered for sunsetting):

## 11.2 System Functionality

R11‑2 Generating Usage Measurements for NPAC Resources

NPAC SMS shall measure and record the usage of NPAC resources on a per Service Provider basis.

R11‑3 Generating Usage Measurements for Allocated Connections

NPAC SMS shall generate usage measurements for allocated connections for each Service Provider.

R11‑4 Generating Usage Measurements for Allocated Mass Storage

NPAC SMS shall generate usage measurements for the allocated mass storage (number of records stored) for each Service Provider.

R11-9 Billing Report Types

NPAC SMS shall be capable of creating the following billing reports:

1. Login Session Per Service Provider
2. Allocated Mass Storage
3. Messages Processed by type (to include download data and data resent by request)
4. Audits Requested and Processed
5. Requested Report Generation
6. Service Establishment (to include Service Provider establishment, user login ID addition to the NPAC SMS, and mechanized Interface Activation)

R11-13 NPAC Personnel Billing Report Destination

1. NPAC SMS shall allow NPAC personnel to determine the output destination of the billing report. The destinations will include: on-line (on screen), printer, file, or FAX. The default selection is on-line.

**NPAC LOE: Low.**

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| --- | --- | --- | --- |
|  | **Iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: None.

## Removed

# GUI

## Clarify Requirements for Unused User ID disable period tunable/feature

The NPAC has a feature that “disables” LTI user IDs that are not used on a regular basis. As some Service Providers only maintain LTI connections for back-up purposes, some user IDs may go many months in between usage. The FRS requirements for this “disabling” feature should be clarified through a Doc Only change to state that the LTI User can and must access their “disabled” account using their old password, and reset to a new password, in order to reactivate their account. Until activated, resetting to a new password is the only accessible functionality for the account. This is consistent with current functionality for this feature.

**NPAC LOE: Low.**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Iconectiv** | **Neustar** | **Oracle** |
| **SOA LOE** | **None** | **None** | **N/A** |
| **LSMS LOE** | **None** | **None** | **None** |

Usage: Currently there are 834 User IDs that are disabled due to lack of use and their password needing to be changed before they can login again. In the past year, 46 Users reset their password.