**Origination Date:** 5/31/06

**Originator:** NeuStar

### Change Order Number: NANC 413

**Description:** Doc Only Change Order: GDMO

**Cumulative SP Priority, Average:** not rated, included

**Functional Backward Compatible:** YES

**IMPACT/CHANGE ASSESSMENT**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| FRS | IIS | GDMO | ASN.1 | **NPAC** | SOA | LSMS |
| N | N | Y | N | Low | None | None |

**Business Need:**

The current documentation needs to be updated.

**Description of Change:**

Correct the current documentation.

**Requirements:**

No change required.

IIS:

No change required.

GDMO:

**added in** **Aug ’06**

1. subscriptionVersionNewSP-Create ACTION. Behavior clarification (new text in yellow).

New service providers must specify valid values for the following attributes, when the service provider's "SOA Sv Type Data" indicator is TRUE, and must NOT specify these values when the indicator is set to FALSE. These attributes must also be specified when the subscriptionPortingToOriginal-SPSwitch is FALSE (rejected if subscriptionPortingToOriginal-SPSwitch is set to TRUE):

subscriptionSvType

When the subscriptionPortingToOriginal-SPSwitch is FALSE the new service provider may specify valid values for the following attributes (ignored if subscriptionPortingToOriginal-SPSwitch set to TRUE):

        subscriptionEndUserLocationValue

        subscriptionEndUserLocationType

        subscriptionBillingId

**added in Aug ‘06**

2. subscriptionVersionModify ACTION. Behavior clarification (new text in yellow).

New service providers can only modify the following attributes for pending or conflict subscription versions, and when the subscriptionPortingToOriginal-SPSwitch is FALSE (rejected if subscriptionPortingToOriginal-SPSwitch set to TRUE):

subscriptionLRN

[snip]

**added in** **Apr ’07**

3. Behavior clarification (new text in yellow) for the following attributes:

auditDiscrepancyVersionId, serviceProvLRN-ID, serviceProvNPA-NXX-ID, subscriptionAuditId, subscriptionVersionId, lsmsFilterNPA-NXX-ID, numberPoolBlockId, serviceProvNPA-NXX-X-ID.

For the attribute actionId, this entire paragraph will be added.

The NPAC SMS currently uses a 32-bit signed integer for the Naming ID Value. The maximum value is ([2\*\*31] - 1) or ~~2.14B~~ 2147483647 and the minimum value is -(2\*\*31) or -2147483648. Rollover will take place when an ID of maximum value is incremented. The next ID value after the maximum of 2147483647 will be -2147483648. It is anticipated that all Service Providers will be able to successfully handle Naming ID Values ~~up to this maximum~~ within this range as well as rollover after the maximum value is reached.

**added in** **Jun ’07**

4. Behavior clarification (new text in yellow) for the incorrect usage of >:

--

-- 21.0 LNP NPAC Subscription Version Managed Object Class

--

subscriptionVersionNPAC-Behavior-2 BEHAVIOUR

DEFINED AS !

been returned. The subscription version linked replies will be

sorted by TN and then by subscription version ID so a filter can

be treated to return the next set of data where the TN value is

greater than or equal to the last TN returned plus one, OR the TN is

equal to the last TN returned AND the subscription version id is

greater than or equal to the last subscription version id returned

plus one. (e.g., (TN >= 123-456-789~~0~~1 OR (TN = 123-456-7890 AND

ID >= 123~~4~~5))

!;

**added in** **Sep ’09**

5. subscriptionVersionNewSP-Create ACTION. Behavior clarification (new text in yellow).

subscriptionPortingToOriginal-SPSwitch can only be specified as

TRUE for a TN that is currently ported and is being ported back

to the original service provider, along with the home switch of

the NPA-NXX. If the value of subscriptionPortingToOriginal-SPSwitch

is TRUE, the LRN and GTT data should be not specified (rejected if specified). If

6. subscriptionVersionModify ACTION. Behavior clarification (new text in yellow).

New service providers can only modify the following attributes for pending or conflict subscription versions, and when the subscriptionPortingToOriginal-SPSwitch is FALSE (ignored if subscriptionPortingToOriginal-SPSwitch set to TRUE):

subscriptionEndUserLocationValue

subscriptionEndUserLocationType

subscriptionBillingId

**added in** **Feb ’10**

7. subscriptionAudit MANAGED OBJECT. Behavior clarification (add text in yellow).

The NPAC SMS will initialize the number of completed TNs to 0

when the audit is created, and update to indicate a TN count

when the audit is cancelled or when the compare is completed.

Remove incorrect behavior (cut-and-paste error).

~~The TN of the SV will be put in the additionalInformation parameter~~

~~of AttributeValueChangeInfo that is defined in the standard~~

~~Attribute-ASN1Module.~~

8. subscriptionAuditStatus ATTRIBUTE. Behavior clarification (text in yellow).

This attribute is used to specify the status of an audit. Valid

values are in-progress, ~~suspended,~~ canceled, and complete.

**added in** **May ’10**

9. subscriptionVersionModify ACTION. Behavior clarification (add text in yellow).

Service Providers can modify attributes associated with active,

pending, cancel-pending, disconnect-pending or conflict subscription

versions.

An SP that sent up a Cancel Request in error, could un-do the cancel

request by setting the subscription version status to pending

(new-version-status in SubscriptionModifyData). This

allows the subscription version to change from cancel-pending back to

pending. The NPAC verifies that the Service Provider sending the

modify to the NPAC is the same Service Provider that initiated the

Cancel Request (otherwise return an error). There is no restriction

on when this new message can be sent during the tunable period of

time that the subscription version is cancel-pending. Any other

modified attributes on an un-do request are ignored.

**added in** **May ’11**

10. subscriptionVersionDonorSP-CustomerDisconnectDate NOTIFICATION. Behavior clarification (add text in yellow).

This notification informs the donor service provider SOA

that a subscription version is being disconnected.

The TN, the version id, customer disconnect date and

effective release date ~~(optional)~~ values are sent. If the effective release date is not populated in the disconnect request from the current Service Provider, it will be populated with the same value as the customer disconnect date from the disconnect request.

The service provider supports this notification if the Service

Provider TN Range Notification Indicator is turned off on the NPAC SMS.

This notification is prioritised and transmitted according to its

SOA Notification Priority tunable in the NPAC SMS.

ASN.1:

No change required.