**Origination Date:** 11/06/18

**Originator:** iconectiv

### Change Order Number: NANC 535

**Description:** Service Provider Deletion Validations for Alt SPID and Last Alt SPID

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

|  |  |  |
| --- | --- | --- |
| DOC | FRS | IIS |
| Y | Y |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CMIP | GDMO | ASN.1 | NPAC | SOA | LSMS |
| N | N | Y | N | N |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | NPAC | SOA | LSMS |
| N | N | Y | N | N |

**Business Need**

Existing NPAC validations require a SPID defined in the Alt SPID field or Last Alt SPID field of subscription versions or number pool blocks to be a valid SPID defined in the NPAC SMS. But, existing validations do not require that when a SPID is deleted, that the SPID should not be defined in subscription versions or number pool blocks as an Alt SPID or Last Alt SPID (i.e., SPIDs can be deleted from the NPAC even though they may exist as an Alt SPID or Last Alt SPID in active SVs or Blocks). Validations for deleting SPIDs need to be extended to not allow a SPID to be deleted if it is defined in the Alt SPID or Last Alt SPID fileds of non-old, non-cancelled SVs or Blocks. Also see PIM 121.

**Description of Change:**

**FRS changes**:

Update requirements in **Section 4.1.2.3** of the FRS on Deleting Service Provider data to account for this new validation.

[snip]

Note, the highlighted yellow text below are new requirements for NANC 453 (disallow use of inactive SPID). The change bars indicate new text for the new SPID Deletion Validations defined in this new change order.

R4-22.1 No Subscription Versions or Number Pool Blocks during Service Provider Delete

NPAC SMS shall perform the deletion of the Service Provider data, notify the user that the deletion request was successful, if there are no affected Subscription Versions or Number Pool Blocks, and write the Service Provider data to a history file.

Note: The Subscription Versions that are allowed to exist include Cancelled, Old with an empty Failed SP List, and Active where the Old Service Provider value is the SPID. The Number Pool Blocks that are allowed to exist are Old with an empty Failed SP List.

Note: If the Service Provider SPID being deleted is defined as an Alt SPID or Last Alt SPID in any non-canceled or non-old with an empty Failed SP List Subscription Versions, or non-old with an empty Failed SP List Number Pool Blocks, then the request is denied.

R4-22.2 Subscription or Number Pool Block during Service Provider Delete

NPAC SMS shall notify the user that the request to delete the Service Provider data cannot be completed until the affected individual Subscription Versions or Number Pool Blocks are modified, if affected Subscription Versions or Number Pool Blocks are found.

Note: The Subscription Versions that are allowed to exist include Cancelled, Old with an empty Failed SP List, and Active where the Old Service Provider value is the SPID. The Number Pool Blocks that are allowed to exist are Old with an empty Failed SP List.

Note: If the Service Provider SPID being deleted is defined as an Alt SPID or Last Alt SPID in any non-canceled or non-old with an empty Failed SP List Subscription Versions, or non-old with an empty Failed SP List Number Pool Blocks, then the request is denied.

[snip]

**IIS Changes:**

EFD change in Flow B.3.2 on Service Provider Deletion.

[snip]

Check the database to see if the service provider has associated with it NPA-NXX data, LRN data, or subscription versions with status other than old with an empty failed SP List, cancelled, or Active where the Old Service Provider value is the SPID, or number pool blocks with status other than old with an empty failed SP List. Also, see if the Service Provider SPID being deleted is defined as an Alt SPID or Last Alt SPID in any non-canceled or non-old with an empty Failed SP List Subscription Versions or or non-old with an empty Failed SP List Number Pool Block. If so, deny the request.

[snip]