**Origination Date:** 05/03/17

**Originator:** Neustar

### Change Order Number: NANC 495

**Description:** Secure FTP site document clarification

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | **Neustar NPAC** | iconectiv NPAC | SOA | LSMS |
| N | N | N | N | Y | Y |

**Business Need**

Documentation updates.

**Description of Change:**

Changes detailed below.

Requirements:

FRS Functional Overview

In section, 1.2 (NPAC SMS Functional Overview), a new sub-section will be added to clarify the FTP.

FTP Connectivity – Local Service Providers use the NPAC Secure-FTP Site for various reasons such as, exchanging keys, getting reports, getting BDD files, etc. Local systems should be capable of connecting to different FTP locations for different NPAC regions.

Section 1.2.7 Audit Request Functionality

In addition, Local Service Providers will be responsible for comparing database extracts of Subscription data written to a Secure-FTP site(s) by the NPAC SMS with their own versions of the same Subscription data.

NPAC Customer Data Model

|  |  |  |  |
| --- | --- | --- | --- |
| NPAC Customer SPID Migration Secure Site(s) FTP Subdirectory | B | √ | A Boolean that indicates whether the NPAC Customer will have a subdirectory for each SPID Migration created.The default value is FALSE. |

Secure-FTP Requirements

R3-15 Secure FTP Site for Database Extracts

NPAC SMS shall store database extract files at the NPAC SMS Secure FTP site(s) for Local SMS file retrieval.

RR3-328 Processing of the Service Provider BDD Response File for Subscription Versions

NPAC SMS shall process the Service Provider BDD Response File, containing “positive” response records for the original BDD file, received from a Service Provider’s Secure FTP site(s) as a result of the Service Provider receiving and processing a Bulk Data Download File or a Delta Bulk Data Download File for Subscription Versions. (previously NANC 322 Req 1)

RR3-330 Processing of the Service Provider BDD Response File for Number Pooling Blocks

NPAC SMS shall process the Service Provider BDD Response File, containing “positive” response records for the original BDD file, received from a Service Provider’s Secure FTP site(s) as a result of the Service Provider receiving and processing a Bulk Data Download File or a Delta Bulk Data Download File for Number Pooling Blocks. (previously NANC 322 Req 2)

Section 8.1 Audit Administration Overview

The local SMS will be responsible for comparing database extracts written to a Secure FTP site(s) by the NPAC SMS with its own version of that same data. Note that the Service Provider network may contain several network nodes designated for local number portability and may also choose to keep its own copy in its respective SMS. In the second scenario, the NPAC SMS will select a random sample of active Subscription Versions from its own database, then compare those samples to the representation of that same data in the various Local SMS databases. Requirements pertaining to periodic audits are given in Section 8.7.

Appendix D Encryption Key Exchange

**Key Exchange Using PGP**

At this point, the NPAC can encrypt a file containing the keys for the Service Provider. This file may be emailed, put on the Secure FTP site(s), or put on a disk for the Service Provider.