**Origination Date:** 03/06/18

**Originator:** iconectiv

### Change Order Number: NANC 519

**Description:** BDD File Compression

**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 | Y | N | N |

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

**Business Need**

Based on feedback from current users of the Neustar NPAC and on iconectiv’s own experience with BDD files from Neustar, it appears as though full BDD files – though not delta BDD files – may be compressed using gzip.

**Description of Change:**

Whenever full BDD files are produced by the NPAC they will be compressed using gzip.

***Note****: This does not include Delta files*

Requirements:

There appear to be no requirements in the FRS that indicate BDD files are compressed in any way (no occurrences of “compress” “gz” gzip”). However, feedback from current Users of the Neustar NPAC and iconectiv’s own experience with BDD files produced by Neustar suggest that full BDD files of any type (Subscription, Network Data, Block), may be compressed using gzip. Delta BDD files do not appear to be compressed and therefore will not be zipped.

Add new requirement (RR) to the following section of 3.11.1 - Bulk Data Download Functionality - General

RR3- XX – Bulk Data Download - File Compression

If full BDD files are produced they will be compressed into “gz” format. This shall be true for all file types. Delta files will not be compressed.

Add the following wording to Appendix E. Download File Examples below the 3rd paragraph:

If full BDD files are produced they will be compressed into “gz’ format. This shall be true for all file types. Delta files will not be compressed.