**Origination Date:** 07/09/13

**Originator:** LNPA WG

### Change Order Number: NANC 457

**Description:** SPID Migration TN Count

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

During the May 2013 LNPA WG meeting, participants discussed a pending request for a SPID Migration of 840,000 SV records, that included 880 Number Pool Blocks. Since all LSMSs are now EDR, the actual number of records to be updated was approximately 1000, and not 840,000, but the SPID Migration needed exception processing because it exceeded the TN threshold of 500,000. This led to a July 2013 LNPA WG discussion about the “count” method. The consensus of the WG was that in the current all-EDR environment, the quantity of pooled SVs is no longer relevant, and as such the count should use Number Pool Block records and not pooled SV records.

**Description of Change:**

This change order is being created to change the definition of TN threshold for a SPID Migration. Pooled SVs will no longer be factored into the count of SV records affected by a SPID Migration.

Requirements:

(no actual requirement is updated, just a note under requirement RR3-612. All requirements related to quota are included here for context)

RR3-602 SPID Migration Update – Quota Management

NPAC SMS shall apply quota to SPID Migration operations for Total US SPID Migrations, Total Regional Migrations, and Regional SV Counts when NPAC Personnel approve a SPID migration. (previously NANC 408, Req X34)

RR3-603 SPID Migration Update – Quota Management – Quota Exceeded Rejection for Service Provider Personnel

NPAC SMS shall check quota to SPID Migration operations when a Service Provider creates or modifies a SPID Migration and reject the request if any of the quotas have been exceeded. (previously NANC 408, Req X35)

RR3-604 SPID Migration Update – Quota Management – Quota Exceeded Warning for NPAC Personnel

NPAC SMS shall check quota to SPID Migration operations when NPAC Personnel creates or modifies a SPID Migration and provide a warning if any of the quotas have been exceeded. (previously NANC 408, Req X35.5)

RR3-605 SPID Migration Update – Quota Management – Quota Exceeded Warning Content

NPAC SMS shall include the Pending and Approved counts for all exceeded quotas in the Quota Exceeded Warning Message. (previously NANC 408, Req X36)

RR3-606 SPID Migration Update – Migration Quota Tunable Parameter

NPAC SMS shall provide a SPID Migration Quota tunable parameter, which is defined as the maximum number of SPID Migration timeslots within a region for a given SPID Migration maintenance window. (previously NANC 408, Req 27)

RR3-607 SPID Migration Update – Migration Quota Tunable Parameter Default

NPAC SMS shall default the SPID Migration Quota tunable parameter to seven (7) migrations. (previously NANC 408, Req 28)

RR3-608 SPID Migration Update – Migration Quota Tunable Parameter Modification

NPAC SMS shall allow NPAC SMS Personnel, via the NPAC Administrative Interface, to modify the SPID Migration Quota tunable parameter. (previously NANC 408, Req 29)

RR3-609 SPID Migration Update – All Regions Migration Quota Tunable Parameter

NPAC SMS shall provide an All Regions SPID Migration Quota tunable parameter, which is defined as the maximum number of SPID Migrations timeslots for all regions for a given SPID Migration maintenance window. (previously NANC 408, Req 30)

RR3-610 SPID Migration Update – All Regions Migration Quota Tunable Parameter Default

NPAC SMS shall default the All Regions SPID Migration Quota tunable parameter to twenty-five (25) migrations. (previously NANC 408, Req 31)

RR3-611 SPID Migration Update – All Regions Migration Quota Tunable Parameter Modification

NPAC SMS shall allow NPAC SMS Personnel, via the NPAC Administrative Interface, to modify the All Regions SPID Migration Quota tunable parameter. (previously NANC 408, Req 32)

RR3-612 SPID Migration Update – SV Quota Tunable Parameter

NPAC SMS shall provide a SPID Migration SV Quota tunable parameter, which is defined as the maximum number of SVs and NPBs within a region for a given SPID Migration maintenance window. (previously NANC 408, Req 35)

NOTE: The number includes ~~both~~ ported ~~and pooled~~ SVs plus number pool blocks. The number of pooled SVs are NOT included.

NOTE: The quantity of SVs and NPBs can be dynamic, so the quantity is based on the number of SVs and NPBs for a given migration at the time of the SPID Migration request. For subsequent migrations in a given window, the previous SPID Migration SV quantities are not recalculated. Modifying a SPID Migration will cause SV and NPB quantities to be recalculated.

RR3-613 SPID Migration Update – SV Quota Tunable Parameter Default

NPAC SMS shall default the SPID Migration SV Quota tunable parameter to five hundred thousand (500,000) SVs and NPBs. (previously NANC 408, Req 36)

RR3-614 SPID Migration Update – SV Quota Tunable Parameter Modification

NPAC SMS shall allow NPAC SMS Personnel, via the NPAC Administrative Interface, to modify the SPID Migration SV Quota tunable parameter. (previously NANC 408, Req 37)

IIS:

No Change Required.

GDMO:

No Change Required.

ASN.1:

No Change Required.

XIS:

No Change Required.

XSD:

No Change Required.