Problem/Issue Identification and Description

**Submittal Date** (10/28/2021): **PIM # 149**

**Company(s) Submitting Issue**: 10x People

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**(NOTE: Submitting Company(s) is to complete this section of the form along with Sections 1, 2 and 3.)**

1. **Problem/Issue Statement:** (Brief statement outlining the problem/issue.)

There is no mechanism to identify an Inter-Service Provider Port as a port within the same Company that is using different SPID values.

1. **Problem/Issue Description:** (Provide detailed description of problem/issue.)

A. Examples & Impacts of Problem/Issue:

Background.

Today when porting, there are two types of ports:

 --- Intra-Service Provider Port (LISP, only one SPID value on the SV Create), indicates the same SPID and the same Company.

--- Inter-Service Provider Port (LSPP, the New SPID value and the Old SPID value are different on the SV Create), generally indicates the two SPID values belong to two different Companies, but not always (some Companies have multiple SPIDs and do port across their SPIDs).

Issue.

Some Service Provider OSS/BSS systems use a porting workflow that processes a LISP differently from an LSPP, as the LISP port is simpler from an internal network perspective. The processing with an LSPP is more complex. However, if the LSPP port is for the same Company, it could be treated in the same manner as a LISP port. The internal processing of some of these OSS/BSS systems handle an Internal Create (within the Company) differently from an External Create (outside of the Company).

With an LSPP port, there is no way to indicate that the two SPIDs (New SPID value and Old SPID value on the SV) belong to the same Company.

B. Frequency of Occurrence:

1. NPAC Regions Impacted:

 Mid Atlantic \_\_\_ Midwest\_\_\_ Northeast\_\_\_ Southeast\_\_\_ Southwest\_\_\_ Western\_\_\_

 West Coast\_\_\_ ALL

D. Rationale why existing process is deficient:

Due to internal processing within OSS/BSS systems in the porting workflow, the lack of an indicator that identifies an LSPP port is for the same Company requires the workflow to perform the more complex processing, even when the port is occurring for the same Company.

E. Identify action taken in other committees / forums:

F. Any other descriptive items:

Download Reasons (from NPAC to LSMS) supported today include:

- new (for create messages)

- delete (for removing network routing information)

- modify (for modifying SV information)

- audit-discrepancy (correction from NPAC or SP initiated audit)

- delete-pto (for returning network routing information back to the code/block holder)\*

\* = scheduled for an upcoming NPAC release

1. **Suggested Resolution:**

Add a new Download Reason, ***internal-create***, which would indicate that the TN is being ported between two different SPID values, but is within the same Company.

Add a new attribute to the SV Create Request, ***internal-create-boolean***, which would indicate that the TN is being ported between two different SPID values, but is within the same Company. This applies to the XML interface.

Add a new SPIDable, Service Provider LSMS Internal Create Indicator, Boolean, to indicate whether or not this Service Provider supports the ***internal-create*** Download Reason. This will allow all LSMSs to maintain backwards compatibility, and only LSMSs that choose to implement this new feature will be affected. If an LSMS does NOT support this new feature, then the existing Download Reason of ***new1*** will continue to be sent for all SV Create downloads to the LSMS.

Add a new SPIDable, Service Provider SOA Internal Create Indicator, Boolean, to indicate whether or not this Service Provider supports the ***internal-create-boolean*** in an SV Create Request and the ***internal-create*** Download Reason in an SV Query Reply. This will allow all SOAs to maintain backwards compatibility, and only SOAs that choose to implement this new feature will be affected. If a SOA does NOT support this new feature, then the existing Download Reason of ***new1*** will continue to be sent for all SV Query Replies to the SOA. In an SV Create Request, this new feature would not be sent or would be ignored if sent.

1. **Final Resolution:**

**NPIF (only)**

PIM #: 149 Final Resolution Date:

Related Documents:

Issue Resolution Referred to:

Why Issue Referred: