Problem/Issue Identification and Description

**Submittal Date** (04/06/2023): **PIM # 151 v3**

**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.)

If a SOA notification is missed, there is no way to tell if T2 has expired.

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

A. Examples & Impacts of Problem/Issue:

Background.

When an SV Query Request is sent to the NPAC, the SV Query Reply does not contain information about whether or not the concurrence T2 timer has expired.

Issue.

Today when porting, there is no way to determine if an SV T2 expiration has occurred if the SOA notification\* has been missed.

\* = CMIP subscriptionVersionRangeOldSPFinalConcurrenceWindowExpiration, OR, XML VOFN – SvOldSpFinalConcurrenceWindowExpirationNotification

B. Frequency of Occurrence:

Up to half a dozen times per month. From 10s to 100s of TNs.

1. NPAC Regions Impacted:

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

 West Coast\_\_\_ ALL

D. Rationale why existing process is deficient:

Without including this information in an SV Query Reply, there is no way to tell if T2 has expired.

E. Identify action taken in other committees / forums:

F. Any other descriptive items:

1. **Suggested Resolution:**

Add an Indicator (Boolean) to the SV Query Reply indicating when either, T2 has expired, OR, the OSP has concurred a port request.

If T2 has expired or has been concurred, the value will be TRUE.

If T2 has not yet expired or has not been concurred, the value will be FALSE.

Add a new SPIDable, Service Provider SOA SV Query T2 Indicator, Boolean, to indicate whether or not this Service Provider supports the ***T2-Expiration*** Indicator. This will allow all SOAs to maintain backwards compatibility, and only SOAs that choose to implement this new feature will be affected.

This new feature will apply to an XML SOA.

1. **Final Resolution:**

This PIM resulted in the creation of Change Order 565, which adds an optional Indicator (Boolean) to the SV Query Reply on the SOA XML interface. For further information refer to CO 565.

**NPIF (only)**

PIM #: 151 v3 Final Resolution Date: 12/06/2023

Related Documents: CO 565

Issue Resolution Referred to:

Why Issue Referred: