**Origination Date:** 09/03/15

**Originator:** iconectiv

### Change Order Number: NANC 472

**Description:** ASN.1 – Audit Discrepancy Report

**Functional Backwards Compatible:** No

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

Audit Processing - the discrepancy report for CMIP (MismatchAttributes definition in ASN.1) indicates that the SV Type can be reported as discrepant. However, the ASN.1 definition for SVType does not support a "no-value-needed" choice, which means that the SV Type could not be reported as null in either NPAC/LSMS or non-null in the other system, even though SV Type, from an interface perspective, is optional for downloads.

**Description of Change:**

Modify SV Type to support a "no-value-needed" choice. This will be used in a scenario where an LSMS that supports SV Type does not return a value in response to an audit query. A correction for the SV Type value will be sent to the LSMS, and the notification to the auditing SOA will indicate that the LSMS sent back a NULL value for the SV Type attribute.

ASN.1:

SVType ::= CHOICE {

value [0] ENUMERATED {

wireline (0),

wireless (1),

class2VoIP-noNumAssgnmt (2),

voWiFi (3),

prepaid-wireless (4),

class1And2VoIP-WithNumAssgnmt (5),

sv-type-6 (6),

sv-type-7 (7),

sv-type-8 (8),

sv-type-9 (9)

},

no-value-needed [1] NULL

}