Change Order Form

**Origination Date** (mm/dd/yyyy): 07/06/2021

**Originator(s)**: iconectiv

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

1. **CO Name/Description:** Turn-up Test Plan – Doc Only

*WARNING - There are no known software modifications required at this time. However, given the expectation for the local systems to be able to support backward compatibility, if a local system cannot pass the certification testing it will be required to make the necessary modification to be permitted to interoperate with the NPAC SMS.*

1. **Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

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

1. **Business Need:**

Test the ability of local systems (SOA and LSMS) to accept an incoming message from NPAC when the Schema Version minor value is greater than the current minor version.

1. **Description of Change:**

Documentation Updates to the NPAC SMS/Vendor Certification & Regression Test Plan adding two test cases (included below) to Chapter 17 section 17.8 – NANC 372 - XML Security Test Cases.

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| **A.** | **TEST IDENTITY** |  |
|  | **Test Case Number:** | **NANC 372-XML-Security-17** | SUT Priority: | **CMIP SOA**  | N/A |
| **CMIP LSMS** | N/A |
|  | **XML SOA** | Required |
|  | **XML LSMS** | N/A |
|  | **Objective:** | Test SOA’s ability (acting as server) to accept an incoming message from NPAC when the Schema Version minor value is greater than the current minor version. |
|  |  |  |
| **B.** | **REFERENCES** |  |
|   | **NANC Change Order Revision Number:** | v6 | Change Order Number(s): | NANC 372 |
|  | **NANC FRS Version Number:** | R3.4.6a | **Relevant Requirement(s):** | N/A |
|  | **NANC IIS Version Number:** | R3.4.6a | **Relevant Flow(s):** | N/A |
|  |  |  |
| **C.** | **PREREQUISITE** |  |
|  | **Prerequisite Test Cases:** | N/A |
|  | **Prerequisite NPAC Setup:** | NPAC’s certificate matches the expectations of the SOA system.The NPAC is configured to send messages to the SOA that contain a schema\_version minor value that is greater than the current schema\_version minor value. For example, if the current schema\_version is “5.2,” this indicates the current minor version is “2,” and for this test NPAC will send a minor version of “3” or greater. |
|  | **Prerequisite SP Setup:** | N/A |
|  |  |  |
| **D.** | **TEST STEPS and EXPECTED RESULTS** |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** |
| 1. | NPAC | NPAC sends a message to SOA where the schema\_version minor value is greater than the value expected by the SOA. | SP | SOA (acting as server) accepts the connection and accepts the message. |
| 2 | SP | SOA sends a response with the schema\_version minor value that is the current or earlier value. | NPAC | NPAC accepts the message. |
|  |  |  |

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| --- | --- |
| **E.** | **Pass/Fail Analysis, NANC 372 XML-Security-17** |
|  |  | NPAC personnel performed the test case as written. |
|  |  | Service Provider personnel performed the test case as written. |

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| **A.** | **TEST IDENTITY** |  |
|  | **Test Case Number:** | **NANC 372-XML-Security-18** | SUT Priority: | **CMIP SOA**  | N/A |
| **CMIP LSMS** | N/A |
|  | **XML SOA** | N/A |
|  | **XML LSMS** | Required |
|  | **Objective:** | Test LSMS’s ability (acting as server) to accept an incoming message from NPAC when the Schema Version minor value is greater than the current minor version. |
|  |  |  |
| **B.** | **REFERENCES** |  |
|   | **NANC Change Order Revision Number:** | v6 | Change Order Number(s): | **NANC 372** |
|  | **NANC FRS Version Number:** | R3.4.6a | **Relevant Requirement(s):** | N/A |
|  | **NANC IIS Version Number:** | R3.4.6a | **Relevant Flow(s):** | N/A |
|  |  |  |
| **C.** | **PREREQUISITE** |  |
|  | **Prerequisite Test Cases:** | N/A |
|  | **Prerequisite NPAC Setup:** | NPAC’s certificate matches the expectations of the LSMS system.The NPAC is configured to send messages to the LSMS that contain a schema\_version minor value that is greater than the current schema\_version minor version. For example, if the current schema\_version is “5.2”, this indicates the current minor version is “2,” and for this test NPAC will send a minor version of “3” or greater. |
|  | **Prerequisite SP Setup:** | N/A |
|  |  |  |
| **D.** | **TEST STEPS and EXPECTED RESULTS** |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** |
| 1. | NPAC | NPAC sends a message to LSMS where the schema\_version minor value is greater than the value expected by the LSMS. | SP | LSMS (acting as server) accepts the connection and accepts the message. |
| 2 | SP | LSMS sends a response with the schema\_version minor value that is the current or earlier value. |  | NPAC accepts the message. |
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| **E.** | **Pass/Fail Analysis, NANC 372 XML-Security-18** |
|  |  | NPAC personnel performed the test case as written. |
|  |  | Service Provider personnel performed the test case as written. |