**Origination Date:** 05/07/2019

**Originator:** iconectiv

### Change Order Number: NANC 540

**Description:** Vendor Certification and Regression Test Plan – doc-only updates

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

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

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

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

**Business Need**

Documentation Updates associated with the implementation of NANC 527 (Attribute Value Change or AVC notifications associated with modify pending SV requests) in NPAC SMS documentation release 4.1b are needed. Existing Modify (Pending) Test Cases to be modified in the Vendor Certification and Regression Test Plan.

**Description of Change:**

Changes listed below.

Vendor Certification and Regression Test Plan Updates:

With NANC 527, whenever a modify request for a pending or conflict SV is submitted, if the request contains a due date, SV type, and/or Medium Timer Indicator parameter, then those parameters will be sent in the AVC notification to the SOA, regardless if their value is changing or not. This change order proposes modifying existing test cases to support NANC 527 testing.

**Chapter 8 Test Cases:**

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| --- | --- |
| 8.1.2.2.1.2 Modify optional fields for a single TN ‘pending’ port for a New Service Provider. – Success | |
| Purpose: | New Service Provider issues a modify Action for the following optional fields for a single TN ‘pending’ port with valid data:  Class DPC  Class SSN  LIDB DPC  LIDB SSN  CNAM DPC  CNAM SSN  ISVM DPC  ISVM SSN  WSMSC-DPC – if supported by the Service Provider SOA  WSMSC-SSN – if supported by the Service Provider SOA  Billing Service Provider ID  End-User Location - Value  End-User Location – Type  Optional Data parameters defined in the Optional Data XML – if supported by the Service Provider SOA and only if the PTO flag is set to False.  The modify request may optionally include the New SP Due Date and/or Medium Timer Indicator (if the Old SP has not concurred) with values that do not change. |
| Requirements: | R5-27.1, R5-28, R5-29.1, R5-31.3 |
| Prerequisites: | Pending port exists for the TN.  Pending port is not in conflict. |
| Expected Results: | 1. NPAC SMS will M-SET the attributes modified in the subscriptionVersionNPAC object and set the subscriptionModifiedTimeStamp. 2. The NPAC SMS will issue an M-SET response. 3. NPAC SMS replies to the M-ACTION in CMIP (or MODR - ModifyReply in XML) with success.   **NOTE:** Results 4 – 7 will only occur if at least one of the following attributes appear in the modify request even if their value is not changing:  subscriptionNewSP-DueDate subscriptionNewSPMediumTimerIndicator – if supported by the Service Provider SOA   1. NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider. 2. The Old Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. 3. NPAC SMS issues M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA. 4. The New Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. |
| Actual Results: |  |

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| 8.1.2.2.1.3 Modify “porting to original” due date for a single TN ‘pending’ port. – Success | |
| Purpose: | New Service Provider issues a modify for the “porting to original” due date field for a ‘pending’ port using valid data.  Note: the modify request may optionally include the Medium Timer Indicator (if the Old SP has not concurred) with values that do not change. |
| Requirements: | R5-27.2, R5-29.2, R5-31.3 |
| Prerequisites: |
| Expected Results: | 1. NPAC SMS will M-SET the attributes modified in the subscriptionVersionNPAC object and set the subscriptionModifiedTimeStamp. 2. The NPAC SMS will issue an M-SET response to itself. 3. NPAC SMS replies to the M-SET or M-ACTION in CMIP (or MODR – ModifyReply in XML) with success.   **NOTE:** Results 4 – 7 will only occur when one of the following attributes are modified or if one of the asterisked (\*) attributes appears in the modify request with the same value for that attribute that appears on the subscription version:  subscriptionNewSP-DueDate\* subscriptionOldSP-DueDate\* subscriptionOldSP-Authorization\* subscriptionOldSP-AuthorizationTimeStamp subscriptionStatusChangeCauseCode subscriptionTimerType – if supported by the Service Provider SOA subscriptionBusinessType – if supported by the Service Provider SOA subscriptionOldSPMediumTimerIndicator – if supported by the Service Provider SOA\* subscriptionNewSPMediumTimerIndicator – if supported by the Service Provider SOA\*   1. NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValuechange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider for the modified New SP Due Date. The notification includes the Medium Timer Indicator if supplied in the modify request. 2. The Old Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply) to the NPAC SMS. 3. NPAC SMS issues M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA for the modified New SP Due Date. The notification includes the Medium Timer Indicator if supplied in the modify request. 4. The New Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply) to the NPAC SMS. |
| Actual Results: |  |

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| 8.1.2.2.1.9 Modify optional fields for ‘pending’ ports for a range of TNs for a New Service Provider – Success | |
| Purpose: | New Service Provider issues a modify for the following optional fields for ‘pending’ ports for a range of TNs with valid data:  Class DPC  Class SSN  LIDB DPC  LIDB SSN  CNAM DPC  CNAM SSN  ISVM DPC  ISVM SSN  WSMSC-DPC – if supported by the Service Provider SOA  WSMSC-SSN – if supported by the Service Provider SOA  Billing Service Provider ID  End-User Location - Value  End-User Location – Type  Optional Data parameters defined in the Optional Data XML – if supported by the Service Provider SOA and only if the PTO flag is set to False.  The modify request may optionally include the New SP Due Date and/or Medium Timer Indicator (if the Old SP has not concurred) with values that do not change. |
| Requirements: | R5-28, R5-29.1, R5-31.3 |
| Prerequisites: | Pending ports exist for the range of TNs.  Pending ports are not in conflict. |
| Expected Results: | 1. NPAC SMS will M-SET the attributes modified in the subscriptionVersionNPAC object and set the subscriptionModifiedTimeStamp. 2. The NPAC SMS will issue an M-SET response. 3. NPAC SMS replies in CMIP (or MODR – ModifyReply in XML) to the M-ACTION with success.   **NOTE:** Results 4 – 7 will only occur if at least one of the following attributes appear in the modify request even if their value is not changing:  subscriptionNewSP-DueDate subscriptionNewSPMediumTimerIndicator – if supported by the Service Provider SOA   1. NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider. 2. The Old Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. 3. NPAC SMS issues M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA. 4. The New Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. |
| Actual Results: |  |

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| 8.1.2.2.1.15 Modify optional fields for a single TN ‘pending’ port which is in conflict for a New Service Provider. – Success | |
| Purpose: | New Service Provider issues a modify for the following optional fields for a single TN ‘pending’ port request with valid data:  Class DPC  Class SSN  LIDB DPC  LIDB SSN  CNAM DPC  CNAM SSN  ISVM DPC  ISVM SSN  WSMSC-DPC – if supported by the Service Provider SOA  WSMSC-SSN – if supported by the Service Provider SOA  Billing Service Provider ID  End-User Location - Value  End-User Location – Type  Optional Data parameters defined in the Optional Data XML – if supported by the Service Provider SOA and only if the PTO flag is set to False.  The modify request may optionally include the New SP Due Date with a value that does not change. |
| Requirements: | R5-28, R5-29.1, R5-31.3 |
| Prerequisites: | Pending port exists for the TN.  Pending port is in conflict. |
| Expected Results: | 1. NPAC SMS will M-SET the attributes modified in the subscriptionVersionNPAC object and set the subscriptionModifiedTimeStamp. 2. The NPAC SMS will issue an M-SET response. 3. NPAC SMS replies to the M-ACTION in CMIP (or MODR – ModifyReply in XML) with success.   **NOTE:** Results 4 – 7 will only occur if the New SP Due Date appears in the modify request even if its value is not changing.   1. NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider. 2. The Old Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. 3. NPAC SMS issues M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA. 4. The New Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. |
| Actual Results: |  |

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| 8.1.2.2.1.19 Modify optional fields for ‘pending’ ports for a range of TNs which are in conflict for a New Service Provider. – Success | |
| Purpose: | New Service Provider issues a modify for the following optional fields for a ‘pending’ port request for a range of TNs which are in conflict with valid data:  Class DPC  Class SSN  LIDB DPC  LIDB SSN  CNAM DPC  CNAM SSN  ISVM DPC  ISVM SSN  WSMSC-DPC – if supported by the Service Provider SOA  WSMSC-SSN – if supported by the Service Provider SOA  Billing Service Provider ID  End-User Location - Value  End-User Location – Type  Optional Data parameters defined in the Optional Data XML – if supported by the Service Provider SOA and only if the PTO flag is set to False.  The modify request may optionally include the New SP Due Date with a value that does not change. |
| Requirements: | R5-28, R5-29.1, R5-31.3 |
| Prerequisites: | Pending ports exist for the range of TNs.  Pending ports are in conflict. |
| Expected Results: | 1. NPAC SMS will M-SET the attributes modified in the subscriptionVersionNPAC object and set the subscriptionModifiedTimeStamp. 2. The NPAC SMS will issue an M-SET response. 3. NPAC SMS replies to the M-ACTION in CMIP (or MODR – ModifyReply in XML) with success.   **NOTE:** Results 4 – 7 will only occur if the New SP Due Date appears in the modify request even if its value is not changing.   1. NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider. The notification includes the New SP Due Date if supplied in the modify request. 2. The Old Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. 3. NPAC SMS issues M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA. The notification includes the New SP Due Date if supplied in the modify request. 4. The New Service Provider SOA returns M-EVENT-REPORT confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. |
| Actual Results: |  |

**Chapter 9 Test Cases:**

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| **A.** | | **TEST IDENTITY** | | | | | | |
|  | | **Test Case Number:** | | **ILL 75 - 25** | **Priority:** | | | Conditional | |
|  | | **Objective:** | | SOA – Old Service Provider Personnel, using a range of TNs, modify Inter-Service Provider Subscription Versions specifying a due date that is equal to the NPA-NXX Effective Date – Success | | | | | |
|  | | **[snip]** | | | | | | |
|  | |  | | | | | | |
| **E.** | | **TEST STEPS and EXPECTED RESULTS** | | | | | | |
|  | **NPAC or SP** | | **Test Step** | | | **NPAC or SP** | **Expected Result** | | |
| 1. | SP | | Using the SOA, Old Service Provider personnel take action to modify the subscriptionOldSP-DueDate of Inter-Service Provider Subscription Versions for a range of TNs with a due date that is equal to the NPA-NXX Effective Date.  The modify request may optionally include the Old SP Authorization and/or Medium Timer Indicator, with values that do not change. | | | SP | The SOA issues an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) to the NPAC SMS. | | |
| 2. | NPAC | | The NPAC SMS accepts the M-ACTION Request in CMIP (or MODQ – ModifyRequest in XML) from the Service Provider SOA. | | | NPAC | 1. The NPAC SMS successfully validates the Subscription Versions due date. 2. The NPAC SMS issues an M-SET Request to itself to modify the subscriptionVersionNPAC objects and set the subscriptionModifiedTimeStamp. 3. The NPAC SMS issues an M-SET Response to itself. 4. The NPAC SMS issues an M-ACTION Success Response in CMIP (or MODR – ModifyReply in XML) to the Service Provider SOA. | | |
| 3. | NPAC | | The NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) for the TN range to the Old Service Provider SOA.  Note: the notification includes the Old SP Authorization and/or Medium Timer Indicator if supplied in the modify request. | | | SP | The Service Provider SOA sends confirmation for the TN range in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | | |
| 4. | NPAC | | The NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) for the TN range to the New Service Provider SOA.  Note: the notification includes the Old SP Authorization and/or Medium Timer Indicator if supplied in the modify request. | | | SP | The New Service Provider SOA sends confirmation for the TN range in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | | |

[snip]

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| **A.** | | **TEST IDENTITY** | | | | | | |
|  | | **Test Case Number:** | | **ILL 75 - 26** | **Priority:** | | | Conditional | |
|  | | **Objective:** | | SOA – New Service Provider Personnel, using a range of TNs, modify Inter-Service Provider Subscription Versions specifying a due date that is equal to the NPA-NXXEffective Date – Success | | | | | |
|  | | **[snip]** | | | | | | |
|  | |  | | | | | | |
| **E.** | | **TEST STEPS and EXPECTED RESULTS** | | | | | | |
|  | **NPAC or SP** | | **Test Step** | | | **NPAC or SP** | **Expected Result** | | |
| 1. | SP | | Using the SOA, New Service Provider personnel take action to modify the subscriptionNewSP-DueDate of Inter-Service Provider Subscription Versions for a range of TNs with a due date that is equal to the NPA-NXX Effective Date.  If the Old SP has not concurred, the modify request may optionally include the Medium Timer Indicator, with a value that does not change. | | | SP | The SOA issues an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) to the NPAC SMS. | | |
| 2. | NPAC | | The NPAC SMS accepts the M-ACTION Request in CMIP (or MODQ – ModifyRequest in XML) from the Service Provider SOA. | | | NPAC | 1. The NPAC SMS successfully validates the Subscription Versions due date. 2. The NPAC SMS issues an M-SET Request to itself to modify the subscriptionVersionNPAC objects and set the subscriptionModifiedTimeStamp. 3. The NPAC SMS issues an M-SET Response to itself. 4. The NPAC SMS issues an M-ACTION Success Response in CMIP (or MODR – ModifyReply in XML) to the Service Provider SOA. | | |
| 3. | NPAC | | The NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) for the TN range to the Old Service Provider SOA.  Note: the notification includes the Medium Timer Indicator if supplied in the modify request. | | | SP | The Service Provider SOA sends confirmation for the TN range in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | | |
| 4. | NPAC | | The NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) for the TN range to the New Service Provider SOA.  Note: the notification includes the Medium Timer Indicator if supplied in the modify request. | | | SP | The New Service Provider SOA sends confirmation for the TN range in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | | |

[snip]

**Chapter 11 Test Cases**

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| **A.** | **TEST IDENTITY** | |  | | | | | | | |
|  | **Test Case Number:** | | **2.15** | | **SUT Priority:** | | **SOA** | | R | | |
| **LSMS** | | N/A | | |
|  | **Objective:** | | SOA – Old Service Provider Personnel modify one pending SV. - Success | | | | | | | |
|  | **[snip]** | |  | | | | | | | |
|  |  | |  | | | | | | | |
| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | | | | |
| **Row #** | **NPAC or SP** | **Test Step** | | **NPAC or SP** | | **Expected Result** | | | |
| 1. | SP | 1. Using the SOA, Old SP Personnel submit a request to the NPAC to modify the due date for a pending Inter-Service Provider subscription version. Specify the TN described in the prerequisites above. 2. The SOA issues an M-ACTION subscriptionVersionModify Request in CMIP (or MODQ – ModifyRequest in XML) to the NPAC SMS and specifies the TN.   Note: specify a due date that is greater than or equal to the NPA-NXX Live Timestamp. The modify request may optionally include the Old SP Authorization and/or Medium Timer Indicator, with values that do not change. | | NPAC | | NPAC SMS receives the M-ACTION Request in CMIP (or MODQ – ModifyRequest in XML) from the Old SP SOA. | | | |
|  |  | [snip] | |  | |  | | | |
| 4. | NPAC | * NPAC SMS issues one M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange notification in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old SP SOA for the TN that contains the following attributes: * start TN * end TN (CMIP only) * start SVID * end SVID (CMIP only) * subscriptionOldSP-DueDate.   Note: the notification includes the Old SP Authorization and/or Medium Timer Indicator if supplied in the modify request. | | SP | | Old SP SOA receives the M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange notification in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. | | | |
| 5. | SP | Old SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | | NPAC | | NPAC SMS receives the M-EVENT-REPORT Confirmationin CMIP (or NOTR – NotificationReply in XML). | | | |
| 6. | NPAC | NPAC SMS issues one M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange notification in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New SP SOA for the TN that contains the following attributes:   * start TN * end TN (CMIP only) * start SVID * end SVID (CMIP only) * subscriptionOldSP-DueDate   Note: the notification includes the Old SP Authorization and/or Medium Timer Indicator if supplied in the modify request. | | SP | | New SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. | | | |
| 7. | SP | New SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | | NPAC | | NPAC SMS receives the M-EVENT-REPORT Confirmationin CMIP (or NOTR – NotificationReply in XML). | | | |
|  |  | [snip] | |  | |  | | | |

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **2.28** | **SUT Priority:** | **SOA** | R | |
| **LSMS** | N/A | |
|  | **Objective:** | SOA – Old Service Provider Personnel modify a range of 100 ‘pending’, Inter-Service Provider subscription versions to change the authorization flag from TRUE to FALSE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data. Ensure that the SVIDs for the TNs in the ranges are contiguous. The modify request is submitted as one range and results in one notification with contiguous TNs and SVIDs – Success | | | |

**[snip]**

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| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | 1. Using the SOA, Old SP Personnel submit a request to the NPAC SMS to modify the authorization flag from TRUE to FALSE for a range of 100 Inter-Service Provider subscription versions. Specify the range of 100 consecutive TNs described in the pre-requisites above. 2. The SOA issues an M-ACTION subscriptionVersionModifyRequest in CMIP (or MODQ – ModifyRequest in XML) to the NPAC SMS for the range of TNs to set the subscriptionOldSP-Authorization to FALSE.   Note: the modify request may optionally include the Old SP Due Date and/or Medium Timer Indicator, with values that do not change. | NPAC | NPAC SMS receives the M-ACTION Request in CMIP (or MODQ – ModifyRequest in XML) from the Old SP SOA. | |

**[snip]**

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| 8. | NPAC | NPAC SMS issues one M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old SP SOA for the range of 100 TNs that contains the following attributes:   * start TN * end TN * start SVID * end SVID * subscriptionOldSP-authorization = ‘false’ * subscriptionVersionStatus = ‘conflict’ (XML only) * subscriptionStatusChangeCauseCode (XML only)   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | Old SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 9. | SP | Old SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS for the range of 100 TNs. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmationin CMIP (or NOTR – NotificationReply in XML). |
| 10. | NPAC | NPAC SMS issues one M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange notification in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New SP SOA that contains the following attributes:   * start TN * end TN * start SVID * end SVID * subscriptionOldSP-authorization = ‘false’ * subscriptionVersionStatus = ‘conflict’ (XML only) * subscriptionStatusChangeCauseCode (XML only)   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | New SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 11. | SP | New SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) from the New SP SOA. |

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **2.29** | **SUT Priority:** | **SOA** | R | |
| **LSMS** | N/A | |
|  | **Objective:** | SOA – Old Service Provider Personnel modify a range of 1000 ‘pending’ Inter-Service Provider subscription versions to change the authorization flag from TRUE to FALSE. In the prerequisite create process the range is submitted as two smaller ranges. The TNs used in the ranges are contiguous and have the same feature data but other create activities are submitted between the range create requests to ensure that the SVIDs for the TNs in the ranges are not contiguous. The modify request is submitted as one range. The modify request results in one notifications containing a list of the SVIDs. – Success | | | |

**[snip]**

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| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | 1. Using the SOA, Old SP Personnel submit a request to the NPAC SMS to modify the authorization flag from TRUE to FALSE for a range of 1000 Inter-Service Provider subscription versions. Specify the range of 1000 consecutive TNs described in the pre-requisites above. 2. The SOA issues an M-ACTION subscriptionVersionModifyRequest in CMIP (or MODQ – ModifyRequest in XML) to the NPAC SMS for the range of TNs to set the subscriptionOldSP-Authorization to FALSE.   Note: the modify request may optionally include the Old SP Due Date and/or Medium Timer Indicator, with values that do not change. | NPAC | NPAC SMS receives the M-ACTION Request in CMIP (or MODQ – ModifyRequest in XML) from the Old SP SOA. | |

**[snip]**

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| 8. | NPAC | NPAC SMS issues one M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old SP SOA for the range of 1000 TNs that contains the following attributes:   * TN Range and list of SV IDs (CMIP Only) * paired list of TNs and SVIDs (XML Only) * subscriptionOldSP-authorization = ‘false’ * subscriptionVersionStatus = 'conflict' (XML only) * subscriptionStatusChangeCauseCode (XML only)   Note: the notification includes the Old Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | Old SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 9. | SP | Old SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmationin CMIP (or NOTR – NotificationReply in XML). |
| 10. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New SP SOA for the range of 1000 TNs that contains the following attributes:   * TN Range and list of SV IDs (CMIP Only) * paired list of TNs and SVIDs (XML Only) * subscriptionOldSP-authorization = ‘false’ * subscriptionVersionStatus = 'conflict' (XML only) * subscriptionStatusChangeCauseCode (XML only)   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | New SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 11. | SP | New SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) from the New SP SOA. |

**[snip]**

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **2.30** | **SUT Priority:** | **SOA** | R | |
| **LSMS** | N/A | |
|  | **Objective:** | SOA – Old Service Provider Personnel modify a single ‘pending’ Inter-Service Provider subscription version to change the authorization flag from TRUE to FALSE.– Success | | | |

**[snip]**

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| --- | --- | --- | --- | --- |
| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | 1. Using the SOA, Old SP Personnel submit a request to the NPAC to modify the authorization flag from TRUE to FALSE for a single Inter-Service Provider subscription version. Specify the TN described in the prerequisites above. 2. The SOA issues an M-ACTION subscriptionVersionModify Request in CMIP (or MODQ – ModifyRequest in XML) to the NPAC SMS for the TN to set the subscriptionOldSP-Authorization to FALSE.   Note: the modify request may optionally include the Old SP Due Date and/or Medium Timer Indicator, with values that do not change. | NPAC | NPAC SMS receives the M-ACTION Request in CMIP (or MODQ – ModifyRequest in XML) from the Old SP SOA and determines that it is valid. | |

**[snip]**

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| 8. | NPAC | NPAC SMS issues a subscriptionVersionRangeAttributeValueChange notification in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old SP SOA that contains the following attributes:   * start TN * end TN (CMIP Only) * start SV ID * end SV ID (CMIP Only) * subscriptionOldSP-authorization = ‘false’ * subscriptionVersionStatus = ‘conflict’ (XML Only) * subscriptionStatusChangeCauseCode (XML Only)   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | Old SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 9. | SP | Old SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS for the TN. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) from the Old SP SOA. |
| 10. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange notification in CMIP (or VATN – SvAttributeValueChangeNotification in XML) that contains the following attributes:   * start TN * end TN (CMIP Only) * start SVID * end SVID (CMIP Only) * subscriptionOldSP-authorization = ‘false’ * subscriptionVersionStatus = ‘conflict’ (XML Only) * subscriptionStatusChangeCauseCode (XML Only)   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | New SP SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 11. | SP | New SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) from the New SP SOA. |

**[snip]**

**Chapter 12 Test Cases**

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **NANC 218-1** | **SUT Priority:** | **SOA** | Required | |
| **LSMS** | N/A | |
|  | **Objective:** | SOA – (Old) Service Provider Personnel submit a single TN, subscription version modify request specifying Authorization (FALSE) and a valid status change cause code, setting the subscription version status to conflict after both Service Providers have created/concurred to the port, and prior to the Conflict Restriction Window – SUCCESS  **Note:** Per IIS3\_4\_1aPart2, the flow for scenario B.5.2.4 is not available over the XML interface. This functionality is handled by flow B.5.2.3, “SubscriptionVersion Modify Prior to Activate Using M-ACTION”.. | | | |

[snip]

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| --- | --- | --- | --- | --- |
| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | 1. Using their SOA system, Old Service Provider Personnel submit a Subscription Version Modify request for a ‘Pending’ Subscription Version that has previously been created by the New Service Provider and concurred to by the Old Service Provider. Specify the TN identified in the prerequisite steps above.  2. The SOA sends either an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) or an M-SET Request subscriptionVersionNPAC in CMIP (not available over the XML interface) specifying the TN identified in the prerequisite above and setting the subscriptionOldSP-Authorization to FALSE and indicating a valid subscriptionStatusChangeCauseCode.  Note: the modify request may optionally include the Old SP Due Date and/or Medium Timer Indicator, with values that do not change. | NPAC | NPAC SMS receives the M-ACTION request in CMIP (or MODQ – ModifyRequest in XML)/M-SET Request in CMIP (not available over the XML interface) from the Old SP SOA and verifies that each attribute specified is valid according to system requirements. | |

[snip]

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| 3. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old SP SOA including:   * subscriptionOldSP-Authorization (set to FALSE) * subscriptionOldSP-AuthorizationTimeStamp * subscriptionStatusChangeCauseCode – XML only * subscriptionVersionStatus (Conflict) – XML only * subscriptionConflictTimeStamp   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | The Old Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 4. | SP | Old SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS indicating it successfully received the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) from the Old SP SOA. |

[snip]

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| 7. | SP | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old SP SOA including:   * subscriptionOldSP-Authorization (set to FALSE) * subscriptionOldSP-AuthorizationTimeStamp * subscriptionStatusChangeCauseCode – XML only * subscriptionVersionStatus (Conflict) – XML only   Note: the notification includes the Old SP Due Date and/or Medium Timer Indicator if supplied in the modify request. | SP | The New Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. |
| 8. | SP | New SP SOA issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS indicating it successfully received the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) from the NPAC SMS. | NPAC | NPAC SMS receives the M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) from the New SP SOA. |

[snip]

**Chapter 14 Test Cases**

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **NANC 441-3** | **SUT Priority:** | **SOA** | Conditional | |
| **LSMS** | N/A | |
|  | **Objective:** | NANC 440/441 – 3: SOA – New Service Provider modifies the MTI from False to True for a single TN, Inter-SP, Pending subscription version after the T1 Timer has expired (before the Old Service Provider has issued their release). – Success  Let T2 timer expire; NSP will receive T2 expiry notification based on their support of the L-12.0b notification priority.  **Note:** Per IIS3\_4\_1aPart2, the flow for scenario B.5.2.4 is not available over the XML interface. This functionality is handled by flow B.5.2.3, “SubscriptionVersion Modify Prior to Activate Using M-ACTION”. | | | |

[snip]

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| --- | --- | --- | --- | --- |
| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | New Service Provider SOA issues an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) for a Pending Subscription Version in which the Old Service Provider has not yet issued their release. The Medium Timer Indicator is currently set to False.  Although the New Service Provider SOA should specify only the subscriptionNewSPMediumTimerIndicator (**TRUE**) in the subscriptionVersionModify, the New SP Due Date may optionally be specified in the modify request with a value that does not change. | NPAC | NPAC SMS receives the M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) from the New Service Provider SOA.  NPAC SMS verifies the request is valid and issues an M-SET to itself for the modified attributes in the subscriptionVersionNPAC object as well as sets the subscriptionModifiedTimeStamp.  NPAC SMS issues an M-SET Response to itself. | |
| 2. | NPAC | NPAC SMS issues an M-ACTION Response in CMIP (or MODR – ModifyReply in XML) to the New Service Provider SOA indicating the request was successfully processed. | SP | New Service Provider SOA receives the M-ACTION Response in CMIP (or MODR – ModifyReply in XML) from the NPAC SMS. | |
| 3. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionBusinessHours – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionNewSPMediumTimerIndicator (**TRUE**)   Note: the notification includes the New SP Due Date if supplied in the modify request. | SP | Old Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |
| 4. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionBusinessHours – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionNewSPMediumTimerIndicator (**TRUE**)   Note: the notification includes the New SP Due Date if supplied in the modify request. | SP | New Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |

[snip]

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **NANC 441-4** | **SUT Priority:** | **SOA** | Conditional | |
| **LSMS** | N/A | |
|  | **Objective:** | NANC 440/441 – 4: SOA – Old Service Provider modifies the MTI for a range of TNs from True to False, Inter-SP, Pending (or Conflict) subscription version before the New Service Provider has issued their create – Success  **Note:** Per IIS3\_4\_1aPart2, the flow for scenario B.5.2.4 is not available over the XML interface. This functionality is handled by flow B.5.2.3, “SubscriptionVersion Modify Prior to Activate Using M-ACTION”. | | | |

[snip]

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| --- | --- | --- | --- | --- |
| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | Old Service Provider SOA issues an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) for a range of Pending and/or Conflict Subscription Versions in which the New Service Provider has not yet issued their create. The Medium Timer Indicator is currently set to True.  Although the Old Service Provider SOA should specify only the subscriptionOldSPMediumTimerIndicator (**FALSE**) in the subscriptionVersionModify, the Old SP Due Date may optionally be specified in the modify request with a value that does not change. | NPAC | NPAC SMS receives the M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) from the Old Service Provider SOA.  NPAC SMS verifies the request is valid and issues an M-SET to itself for the modified attributes in the subscriptionVersionNPAC object as well as sets the subscriptionModifiedTimeStamp.  NPAC SMS issues an M-SET Response to itself. | |
| 2. | NPAC | NPAC SMS issues an M-ACTION Response in CMIP (or MODR – ModifyReply in XML) to the Old Service Provider SOA indicating the request was successfully processed. | SP | Old Service Provider SOA receives the M-ACTION Response in CMIP (or MODR – ModifyReply in XML) from the NPAC SMS. | |
| 3. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionBusinessHours – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionOldSPMediumTimerIndicator (**FALSE**)   Note: the notification includes the Old SP Due Date if supplied in the modify request. | SP | Old Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |
| 4. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionBusinessHours – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionOldSPMediumTimerIndicator – if supported by the Service Provider SOA (**FALSE**)   Note: the notification includes the Old SP Due Date if supplied in the modify request. | SP | New Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |

[snip]

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **NANC 441-5** | **SUT Priority:** | **SOA** | Conditional | |
| **LSMS** | N/A | |
|  | **Objective:** | SOA – New Service Provider modifies the MTI from False to True for an Inter-SP, Porting to Original subscription version (before the Old Service Provider has issued their release) – Success  **Note:** Per IIS3\_4\_1aPart2, the flow for scenario B.5.2.4 is not available over the XML interface. This functionality is handled by flow B.5.2.3, “SubscriptionVersion Modify Prior to Activate Using M-ACTION”. | | | |

[snip]

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| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | New Service Provider SOA issues an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) for a Pending Subscription Version in which the Old Service Provider has not yet issued their release. The Medium Timer Indicator is currently set to False.  Although the New Service Provider SOA should specify only the subscriptionNewSPMediumTimerIndicator (**TRUE**) in the subscriptionVersionModify, the New SP Due Date may optionally be specified in the modify with a value that does not change. | NPAC | NPAC SMS receives the M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) from the New Service Provider SOA.  NPAC SMS verifies the request is valid and issues an M-SET to itself for the modified attributes in the subscriptionVersionNPAC object as well as sets the subscriptionModifiedTimeStamp.  NPAC SMS issues an M-SET Response to itself. | |
| 2. | NPAC | NPAC SMS issues an M-ACTION Response in CMIP (or MODR – ModifyReply in XML) to the New Service Provider SOA indicating the request was successfully processed. | SP | New Service Provider SOA receives the M-ACTION Response in CMIP (or MODR – ModifyReply in XML) from the NPAC SMS. | |
| 3. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionBusinessHours – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionNewSPMediumTimerIndicator (**TRUE**)   Note: the notification includes the New SP Due Date if supplied in the modify request. | SP | Old Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |
| 4. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionBusinessHours – if supported by the Service Provider SOA (**MEDIUM**) * subscriptionNewSPMediumTimerIndicator (**TRUE**)   Note: the notification includes the New SP Due Date if supplied in the modify request. | SP | New Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |

[snip]

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| **A.** | **TEST IDENTITY** |  | | | |
|  | **Test Case Number:** | **NANC 441-7** | **SUT Priority:** | **SOA** | Optional | |
| **LSMS** | N/A | |
|  | **Objective:** | NANC 440/441 – 7: SOA – Old Service Provider modifies the MTI for a single TN, Inter-SP, Pending (or Conflict) subscription version after both Service Providers issued their initial create and prior to the activate – Success  **Note:** Per IIS3\_4\_1aPart2, the flow for scenario B.5.2.4 is not available over the XML interface. This functionality is handled by flow B.5.2.3, “SubscriptionVersion Modify Prior to Activate Using M-ACTION”. | | | |

[snip]

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| --- | --- | --- | --- | --- |
| **D.** | **TEST STEPS and EXPECTED RESULTS** | | | |
| **Row #** | **NPAC or SP** | **Test Step** | **NPAC or SP** | **Expected Result** | |
| 1. | SP | Old Service Provider SOA issues an M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) for a single Pending or Conflict Subscription Version in which the New Service Provider has also issued their create. The Medium Timer Indicator is currently set to True.  Although the Old Service Provider SOA should specify only the subscriptionOldSPMediumTimerIndicator (**FALSE**) in the subscriptionVersionModify, the Old SP Due Date may optionally be specified in the modify request with a value that does not change. | NPAC | NPAC SMS receives the M-ACTION Request subscriptionVersionModify in CMIP (or MODQ – ModifyRequest in XML) from the Old Service Provider SOA.  NPAC SMS verifies the request is valid and issues an M-SET to itself for the modified attributes in the subscriptionVersionNPAC object as well as sets the subscriptionModifiedTimeStamp.  NPAC SMS issues an M-SET Response to itself. | |
| 2. | NPAC | NPAC SMS issues an M-ACTION Response in CMIP (or MODR – ModifyReply in XML) to the Old Service Provider SOA indicating the request was successfully processed. | SP | Old Service Provider SOA receives the M-ACTION Response in CMIP (or MODR – ModifyReply in XML) from the NPAC SMS. | |
| 3. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the Old Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionBusinessHours – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionOldSPMediumTimerIndicator (**FALSE**)   Note: the notification includes the Old SP Due Date if supplied in the modify request. | SP | Old Service Provider SOA receives the M-EVENT-REPORT CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |
| 4. | NPAC | NPAC SMS issues an M-EVENT-REPORT subscriptionVersionRangeAttributeValueChange in CMIP (or VATN – SvAttributeValueChangeNotification in XML) to the New Service Provider SOA for the attributes modified:   * subscriptionTimerType – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionBusinessHours – if supported by the Service Provider SOA (**LONG or SHORT** depending on the Port Out/Port In Timer Type in the Old and New Service Provider profiles) * subscriptionOldSPMediumTimerIndicator – if supported by the Service Provider SOA (**FALSE**)   Note: the notification includes the Old SP Due Date if supplied in the modify request. | SP | New Service Provider SOA receives the M-EVENT-REPORT in CMIP (or VATN – SvAttributeValueChangeNotification in XML) and issues an M-EVENT-REPORT Confirmation in CMIP (or NOTR – NotificationReply in XML) to the NPAC SMS. | |