



# **Test Report**

## **Test Group: AS4 Four Corner Profile Enhancement Test Assertions**

**The terms and conditions applicable to this report are described in the Service Offering Description document of the Conformance Test Service, available via**

**<https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eDelivery+Conformance+testing>**

**2019.08.08 13:00:15**



# Summary

AS4_4CT_TA01	✓
AS4_4CT_TA02	✓
AS4_4CT_TA03	✓

# Test Report - AS4\_4CT\_TA01

## Overview

Test Group:	AS4 Four Corner Profile Enhancement Test Assertions
Test Assertion:	AS4_4CT_TA01
Test Case:	AS4_4CT_TA01_TC01
User:	ROOT
Date:	2019.08.08 12:59:45
System(s) Tested:	1- Phase4

Result:	Successful 
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## Test Assertion Details

**TAID:** AS4\_4CT\_TA01

**Target:** Messaging Reliability

**Normative Source:** [eDelivery-AS4] "To be able to route a received message, the receiving Access Point (C3) needs to be able to determine the final recipient (C4). This information is generally available in a structured payload. However, using information from a structured payload assumes an understanding of the schema on which the payload is based. In order to allow Access Points to process payloads of any type, it is desirable to adopt a mechanism that is independent of particular schemas. Furthermore, in some situations there MAY be a requirement to route unstructured or encrypted data. This Profile Enhancement therefore uses the ebMS3 property mechanism to identify C1 and C4. The property mechanism allows the use of arbitrary property-value pairs in an AS4 message and is independent of payload format or structure. When used in a Four Corner typology: • A property named originalSender MUST be added to the message that identifies the original sender (C1) party. • A property named finalRecipient MUST be added to the message that identifies the final recipient (C4) Party"

**Prescription Level:** Mandatory

**Prerequisite:** • Producer submits a business document with the information "Sender" and "destination" to the SSMH • SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP). • SSMH sends an AS4 User message to the RSMH.

The message received by the RMSH contains 2 property elements in the MessageProperties node with attribute name. One has name = "OriginalSender" and value producerID and the other has name = "finalRecipient" and value consumerID (producerID and consumerID are provided by the original message submitted by the producer).

**Predicate:**

**Variables:** producerID: ID of the producer of the AS4 message consumerID: ID of the consumer of the message

**Tag:** User message, end entity Addressing

# Log

```
2019-08-08 12:59:46,718: INFO - Minder version v2.3.0
2019-08-08 12:59:46,724: INFO - Start Test
2019-08-08 12:59:46,729: INFO - Initialize test case
2019-08-08 12:59:46,739: DEBUG - Parameters
2019-08-08 12:59:46,744: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:59:46,749: INFO - > Initialize the Adapters
2019-08-08 12:59:46,754: INFO - Call start test on NULLADAPTER
2019-08-08 12:59:46,760: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:59:46,765: INFO - Call start test on as4-adapter
2019-08-08 12:59:46,772: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:59:46,777: INFO - System Under Test: Phase4
2019-08-08 12:59:46,782: INFO - System Under Test: Phase4
2019-08-08 12:59:46,788: INFO - Call start test on genericAS4Corner4
2019-08-08 12:59:46,794: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:59:46,799: INFO - Call start test on genericAS4Corner1
2019-08-08 12:59:46,805: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:59:46,811: INFO - > RUN RIVET 0
2019-08-08 12:59:46,816: DEBUG - Assign free vars
2019-08-08 12:59:46,822: INFO - Corner 2 phoss-c2
2019-08-08 12:59:46,827: INFO - Corner 3 phoss-c3
2019-08-08 12:59:46,833: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:46,858: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:46,864: INFO - < Rivet finished sucessfully
2019-08-08 12:59:46,869: INFO - -----

2019-08-08 12:59:46,874: INFO - > RUN RIVET 1
2019-08-08 12:59:46,879: DEBUG - Assign free vars
2019-08-08 12:59:46,885: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:47,265: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:47,270: INFO - < Rivet finished sucessfully
2019-08-08 12:59:47,275: INFO - -----

2019-08-08 12:59:47,281: INFO - > RUN RIVET 2
2019-08-08 12:59:47,286: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:59:48,351: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:59:48,357: INFO - =====
2019-08-08 12:59:48,362: INFO - C2 AS4 Message:
2019-08-08 12:59:48,370: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-83f476a6-3cad-4d85-a6a6-b73cc7408e34">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:59:53.225</eb:Timestamp>
<eb:MessageId>36d98c6d-0683-44e2-b34e-1396ce74905d@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>885980</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:59:48,375: INFO - =====
2019-08-08 12:59:48,380: INFO - C2 AS4 Security Header:
2019-08-08 12:59:48,386: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
```

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ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="G165468de-33fb-4f36-8e21-
ceb9380add4b">MIIIdzCCA1+gAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBBMQswCQYDVQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzYxMzETAPBgNVBAMTCgBob3NzLWmzMREw
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51lQRm/DhaJo/3GL7GcmSASVG3+jfX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vwoXVHNTtTD8Bz9pmKPKPj3m2sOFii2JODzAgoTt/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUldx4d
ILSEGHdqpfo6VVLBYM43DUwFob4i9/iymbn6iZKdAc3GSZlDKZsvTmbUe2QNs+Mqp3VrPl3fMU9ig182uQDHCMgx1/7/haJji+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-47315913-f18c-499e-8a2e-ab6e56d20fce">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
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</wsse:SecurityTokenReference>
</ds:KeyInfo>
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<xenc:DataReference URI="#ED-fbc22df5-d39c-43da-befa-1bec0801bc76"/>
</xenc:ReferenceList>
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<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-fbc22df5-d39c-43da-befa-1bec0801bc76"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
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wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-47315913-f18c-499e-8a2e-ab6e56d20fce"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-d1c5d41f-4175-4cfa-bbf2-90a67c44af4e"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-47315913-f18c-499e-8a2e-ab6e56d20fce"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmlpayload@minder">
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d7e9ac873539">MIIIdzCCA1+gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBBMQswCQYDVQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzIxETAPBgNVBAMTCgBob3NzLWmYMREw
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</ds:CanonicalizationMethod>
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<ds:Reference URI="#phase4-msg-83f476a6-3cad-4d85-a6a6-b73cc7408e34">
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>jeVIC47hKVh9KE4+zbK+wPQcty5OQ0uXDo7DmYAANG=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-ef19e1ec-73f0-420b-86b4-50d02d1bf0f5">
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</ds:Transforms>
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```
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</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBjboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
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He9feNYO/b5tGWfKeE1h9srhOr988HD4rj/1oxjmr57qxDIEDZi5+riMjL0xdA301z1aaTUs50TDsAJPP2ScbBHbK95RQCUC2kQFbw9NXmr/z+JIBjpt5bOMh/eg5biLEKv33MFb29oaaNxLrEd4
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Value Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
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</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:59:48,391: INFO - =====
2019-08-08 12:59:48,397: INFO - Checking AS4 message for originalSender and finalRecipient properties.
2019-08-08 12:59:48,408: INFO - Message property originalSender found.
2019-08-08 12:59:48,413: INFO - Message property finalRecipient found.
2019-08-08 12:59:48,418: INFO - =====
2019-08-08 12:59:48,424: INFO - AS4 message id: 36d98c6d-0683-44e2-b34e-1396ce74905d@mindertestbed.org
2019-08-08 12:59:48,442: INFO - =====
2019-08-08 12:59:48,447: INFO - Attachments
2019-08-08 12:59:48,454: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:59:48,460: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9DCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:59:48,465: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:59:48,470: INFO -
2019-08-08 12:59:48,476: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:59:48,481: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:59:48,486: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:59:48,491: INFO -
2019-08-08 12:59:48,497: INFO - =====
2019-08-08 12:59:48,503: INFO - Forward message to the other side: 1565269188502
2019-08-08 12:59:48,508: INFO - =====
2019-08-08 12:59:48,513: DEBUG - Assign free vars
2019-08-08 12:59:48,518: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:59:48,639: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:59:48,644: INFO - < Rivet finished successfully
2019-08-08 12:59:48,650: INFO - -----
2019-08-08 12:59:48,655: INFO - > RUN RIVET 3
2019-08-08 12:59:48,660: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:59:48,665: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:59:48,671: INFO - Received Receipt: 1565269188671
2019-08-08 12:59:48,676: INFO - =====
2019-08-08 12:59:48,682: INFO - RECEIPT:
2019-08-08 12:59:48,688: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-bc167679-495c-47a1-9e20-2385f8f873fc">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:59:53.674</eb:Timestamp>
<eb:MessageId>2e741bfd-f678-4d68-81e9-e20ceaa667f2@phase4</eb:MessageId>
<eb:RefToMessageId>36d98c6d-0683-44e2-b34e-1396ce74905d@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-83f476a6-3cad-4d85-a6a6-b73cc7408e34">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>jeVIC47hKVh9KE4+zbK+wPQcty/5OQ0uXDo7DmYAAng=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-ef19e1ec-73f0-420b-86b4-50d02d1bf0f5">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>7zMEF4Ge7NzA+mj4Q6o3ll+w/UlsCeNLUJLh3uuuCl4=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
```



```
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:59:48,693: INFO - =====
2019-08-08 12:59:48,699: DEBUG - Assign free vars
2019-08-08 12:59:48,704: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:59:48,710: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:59:48,715: INFO - < Rivet finished sucessfully
2019-08-08 12:59:48,720: INFO - =====

2019-08-08 12:59:48,726: INFO - > RUN RIVET 4
2019-08-08 12:59:48,731: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:49,813: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:49,822: INFO - =====
2019-08-08 12:59:49,828: INFO - Corner4 Received Payloads:
2019-08-08 12:59:49,833: INFO - Data
2019-08-08 12:59:49,838: INFO - originalSender: C1
2019-08-08 12:59:49,844: INFO - finalRecipient: C4
2019-08-08 12:59:49,849: INFO - refToMessageld: null
2019-08-08 12:59:49,854: INFO - conversationId: 885980
2019-08-08 12:59:49,859: INFO - messageld: 36d98c6d-0683-44e2-b34e-1396ce74905d@mindertestbed.org
2019-08-08 12:59:49,864: INFO - to: Minder
2019-08-08 12:59:49,870: INFO - from: null
2019-08-08 12:59:49,875: INFO - pModeld: null
2019-08-08 12:59:49,881: INFO - xmlpayload@minder type: application/xml.
2019-08-08 12:59:49,887: INFO - <min><der>sample</der></min>
2019-08-08 12:59:49,892: INFO - custompayload@minder type: application/octet-stream.
2019-08-08 12:59:49,897: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:59:49,902: INFO - =====
2019-08-08 12:59:49,907: DEBUG - Assign free vars
2019-08-08 12:59:49,913: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:49,918: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:49,923: INFO - < Rivet finished sucessfully
2019-08-08 12:59:49,928: INFO - =====

2019-08-08 12:59:49,933: INFO - > RUN RIVET 5
2019-08-08 12:59:49,939: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:59:50,025: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:59:50,034: INFO - =====
2019-08-08 12:59:50,040: INFO - Corner1 backend NOTIFICATION:
2019-08-08 12:59:50,045: INFO - status: Receipt
2019-08-08 12:59:50,050: INFO - messageld: 36d98c6d-0683-44e2-b34e-1396ce74905d@mindertestbed.org
2019-08-08 12:59:50,055: INFO - shortDescription: null
2019-08-08 12:59:50,060: INFO - description: null
2019-08-08 12:59:50,066: INFO - =====
2019-08-08 12:59:50,076: DEBUG - Assign free vars
2019-08-08 12:59:50,081: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:50,086: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:50,092: INFO - < Rivet finished sucessfully
2019-08-08 12:59:50,097: INFO - =====

2019-08-08 12:59:50,102: INFO - Test #29794 Finished
```

# Test Report - AS4\_4CT\_TA02

## Overview

Test Group:	AS4 Four Corner Profile Enhancement Test Assertions
Test Assertion:	AS4_4CT_TA02
Test Case:	AS4_4CT_TA02_TC01
User:	ROOT
Date:	2019.08.08 12:59:51
System(s) Tested:	1- Phase4

Result:	Successful 
---------	--

## Test Assertion Details

TAID:	AS4_4CT_TA02
Target:	Message Exchange tracking
Normative Source:	[eDelivery-AS4] "This profile defines an additional, optional third property: • A property named trackingIdentifier MAY be added to the message to include an identifier (in arbitrary string format) that allows end-to-end tracking of messages in a four-corner exchange. Its value MAY be set to the value of an identifier for the message from C1 to C2 that the AS4 message relates to. This allows tracking and tracing of messages."
Prescription Level:	Permitted
Prerequisite:	• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile: One-Way/Push MEP. • SSMH sends an AS4 User Message including a TRACKINGIDENTIFIER property set by the producer.
Predicate:	The RSMH returns a non-repudiation receipt within a HTTP response with status code 2XX and the received AS4 message contains the TRACKINGIDENTIFIER property.
Variables:	TRACKINGIDENTIFIER: an arbitrary string format.
Tag:	Message Packaging, Tracking, TrackingIdentifier

# Log

```
2019-08-08 12:59:52,533: INFO - Minder version v2.3.0
2019-08-08 12:59:52,538: INFO - Start Test
2019-08-08 12:59:52,543: INFO - Initialize test case
2019-08-08 12:59:52,551: DEBUG - Parameters
2019-08-08 12:59:52,556: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:59:52,561: INFO - > Initialize the Adapters
2019-08-08 12:59:52,567: INFO - Call start test on NULLADAPTER
2019-08-08 12:59:52,572: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:59:52,577: INFO - Call start test on as4-adapter
2019-08-08 12:59:52,584: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:59:52,589: INFO - System Under Test: Phase4
2019-08-08 12:59:52,595: INFO - System Under Test: Phase4
2019-08-08 12:59:52,600: INFO - Call start test on genericAS4Corner4
2019-08-08 12:59:52,605: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:59:52,611: INFO - Call start test on genericAS4Corner1
2019-08-08 12:59:52,617: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:59:52,622: INFO - > RUN RIVET 0
2019-08-08 12:59:52,627: DEBUG - Assign free vars
2019-08-08 12:59:52,633: INFO - Corner 2 phoss-c2
2019-08-08 12:59:52,638: INFO - Corner 3 phoss-c3
2019-08-08 12:59:52,665: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:52,670: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:52,675: INFO - < Rivet finished sucessfully
2019-08-08 12:59:52,680: INFO - -----

2019-08-08 12:59:52,686: INFO - > RUN RIVET 1
2019-08-08 12:59:52,691: DEBUG - Assign free vars
2019-08-08 12:59:52,696: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:52,904: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:52,909: INFO - < Rivet finished sucessfully
2019-08-08 12:59:52,914: INFO - -----

2019-08-08 12:59:52,920: INFO - > RUN RIVET 2
2019-08-08 12:59:52,925: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:59:53,995: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:59:54,001: INFO - =====
2019-08-08 12:59:54,007: INFO - C2 AS4 Message:
2019-08-08 12:59:54,014: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-ae709b91-32f8-47a4-b648-2b69b3772180">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:59:58.884</eb:Timestamp>
<eb:MessageId>3971ba56-3bf3-4f6b-a805-598bc9be472c@minder-testbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>620862</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="trackingIdentifier">C1C2Identifier</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:59:54,019: INFO - =====
2019-08-08 12:59:54,024: INFO - C2 AS4 Security Header:
2019-08-08 12:59:54,031: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
```

[illegible]

```
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>+1M5nfOqXwcoPVARjK41/6Lp4vzJ2UCqRoPhem8QS4E=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>JbwesKSirts5PrL5Y2XMIz8hPGaj3A4CrzG1Adpp3XAiFaAutRjTWmj40QXsK5/PzMH0Uoz7QZzoPxe+VbfUzbVYU1Hsv7sW8jYb8jBvD0hfJWA9SR/Gg4oxRk9V4W
Z9mpZVzGKf0bHqF4SeOqoJJdsX0/CGOhCJHAA4y2BqCkFZLEtbMVJ9KMP2qE7GeARLxikZMlIGJyeXTYm7ODelhUdFymCLqpcqSeFzGlxh0udwzuUHPj+xlXrExAfGmG5KCjc9pqWU
vFpwvuo8BhM7z02gPHDFWbLHBDsj2pwOD+RU8OG2hJ3TH3y4dWCjHP9V/uCTWVztG/6ITzw=</ds:SignatureValue>
<ds:KeyInfo Id="KI-bf6c1bed-1669-4eaf-a9df-6756fbb6736">
<wsse:SecurityTokenReference wsu:Id="STR-47ac0b93-863f-475f-aeb7-59cd8928482d">
<wsse:Reference URI="#X509-4b621a89-3ba9-48dd-8920-ab15eeaf7dd"
Value Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:59:54,036: INFO - =====
2019-08-08 12:59:54,041: INFO - Checking AS4 message for trackingIdentifier property ...
2019-08-08 12:59:54,053: INFO - Message property trackingIdentifier found.
2019-08-08 12:59:54,058: INFO - =====
2019-08-08 12:59:54,064: INFO - AS4 message id: 3971ba56-3bf3-4f6b-a805-598bc9be472c@mindentestbed.org
2019-08-08 12:59:54,069: INFO - =====
2019-08-08 12:59:54,088: INFO - Attachments:
2019-08-08 12:59:54,095: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:59:54,100: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:59:54,106: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:59:54,111: INFO -
2019-08-08 12:59:54,117: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:59:54,122: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:59:54,128: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:59:54,133: INFO -
2019-08-08 12:59:54,138: INFO - =====
2019-08-08 12:59:54,145: INFO - Forward message to the other side: 1565269194144
2019-08-08 12:59:54,150: INFO - =====
2019-08-08 12:59:54,155: DEBUG - Assign free vars
2019-08-08 12:59:54,161: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:59:54,279: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:59:54,284: INFO - < Rivet finished successfully
2019-08-08 12:59:54,289: INFO - -----

2019-08-08 12:59:54,295: INFO - > RUN RIVET 3
2019-08-08 12:59:54,300: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:59:54,305: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:59:54,311: INFO - Received Receipt: 1565269194311
2019-08-08 12:59:54,316: INFO - =====
2019-08-08 12:59:54,321: INFO - RECEIPT:
2019-08-08 12:59:54,328: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-a01f22e2-2375-4318-b1be-92b6f013c370">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:59:59.314</eb:Timestamp>
<eb:MessageId>15c5a836-6928-4fb4-855f-7d0838325a32@phase4</eb:MessageId>
<eb:RefToMessageId>3971ba56-3bf3-4f6b-a805-598bc9be472c@mindentestbed.org<eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-ae709b91-32f8-47a4-b648-2b69b3772180">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>t991lwxBaSieR088DPGTm3T7EYzIoNKuiC6uf6toZcY=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-49b970fd-f93a-4f4f-992c-3f9dd75d84b3">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>+1M5nfOqXwcoPVARjK41/6Lp4vzJ2UCqRoPhem8QS4E=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
```

```
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:59:54,333: INFO - =====
2019-08-08 12:59:54,339: DEBUG - Assign free vars
2019-08-08 12:59:54,344: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:59:54,350: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:59:54,355: INFO - < Rivet finished sucessfully
2019-08-08 12:59:54,360: INFO - =====

2019-08-08 12:59:54,366: INFO - > RUN RIVET 4
2019-08-08 12:59:54,371: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:55,443: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:55,452: INFO - =====
2019-08-08 12:59:55,457: INFO - Corner4 Received Payloads:
2019-08-08 12:59:55,463: INFO - Data
2019-08-08 12:59:55,468: INFO - originalSender: C1
2019-08-08 12:59:55,473: INFO - finalRecipient: C4
2019-08-08 12:59:55,478: INFO - refToMessageld: null
2019-08-08 12:59:55,483: INFO - conversationId: 620862
2019-08-08 12:59:55,488: INFO - messageld: 3971ba56-3bf3-4f6b-a805-598bc9be472c@mindertestbed.org
2019-08-08 12:59:55,494: INFO - to: Minder
2019-08-08 12:59:55,499: INFO - from: null
2019-08-08 12:59:55,504: INFO - pModeld: null
2019-08-08 12:59:55,510: INFO - xmlpayload@minder type: application/xml.
2019-08-08 12:59:55,515: INFO - <min><der>sample</der></min>
2019-08-08 12:59:55,521: INFO - custompayload@minder type: application/octet-stream.
2019-08-08 12:59:55,527: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:59:55,532: INFO - =====
2019-08-08 12:59:55,537: DEBUG - Assign free vars
2019-08-08 12:59:55,542: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:55,548: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:55,553: INFO - < Rivet finished sucessfully
2019-08-08 12:59:55,558: INFO - =====

2019-08-08 12:59:55,563: INFO - > RUN RIVET 5
2019-08-08 12:59:55,568: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:59:55,617: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:59:55,626: INFO - =====
2019-08-08 12:59:55,631: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:59:55,636: INFO - status: Receipt
2019-08-08 12:59:55,642: INFO - messageld: 3971ba56-3bf3-4f6b-a805-598bc9be472c@mindertestbed.org
2019-08-08 12:59:55,647: INFO - shortDescription: null
2019-08-08 12:59:55,652: INFO - description: null
2019-08-08 12:59:55,658: INFO - =====
2019-08-08 12:59:55,663: DEBUG - Assign free vars
2019-08-08 12:59:55,668: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:55,674: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:55,679: INFO - < Rivet finished sucessfully
2019-08-08 12:59:55,684: INFO - =====

2019-08-08 12:59:55,689: INFO - Test #29795 Finished
```

# Test Report - AS4\_4CT\_TA03

## Overview

Test Group:	AS4 Four Corner Profile Enhancement Test Assertions
Test Assertion:	AS4_4CT_TA03
Test Case:	AS4_4CT_TA03_TC01
User:	ROOT
Date:	2019.08.08 12:59:57
System(s) Tested:	1- Phase4

Result:	Successful 
---------	--

## Test Assertion Details

TAID:	AS4_4CT_TA03
Target:	Messaging Reliability
Normative Source:	[eDelivery-AS4] "In a four-corner-model, the Sender and Receiver of AS4 messages are the inner corner Access Points (C2, C3), not the outer corner parties (C1, C4). To facilitate the use of unmodified AS4 messaging implementations and to simplify configuration of AS4 message service handlers, eb:From/eb:PartyId and eb:To/eb:PartyId MUST identify the inner corner Access Points."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none"><li>• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).</li><li>• SSMH sends an AS4 User message to the RSMH.</li></ul>
Predicate:	In the message sender receiver elements reference the MSHs and not the (producer,consumer).
Variables:	sender receiver: XML elements of AS4 user message Messaging/UserMessage/PartyInfo/{From to}/PartyId
Tag:	Addressing

# Log

```
2019-08-08 12:59:58,091: INFO - Minder version v2.3.0
2019-08-08 12:59:58,096: INFO - Start Test
2019-08-08 12:59:58,101: INFO - Initialize test case
2019-08-08 12:59:58,109: DEBUG - Parameters
2019-08-08 12:59:58,114: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:59:58,119: INFO - > Initialize the Adapters
2019-08-08 12:59:58,125: INFO - Call start test on NULLADAPTER
2019-08-08 12:59:58,130: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:59:58,135: INFO - Call start test on as4-adapter
2019-08-08 12:59:58,141: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:59:58,147: INFO - System Under Test: Phase4
2019-08-08 12:59:58,152: INFO - System Under Test: Phase4
2019-08-08 12:59:58,157: INFO - Call start test on genericAS4Corner4
2019-08-08 12:59:58,163: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:59:58,169: INFO - Call start test on genericAS4Corner1
2019-08-08 12:59:58,175: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:59:58,181: INFO - > RUN RIVET 0
2019-08-08 12:59:58,186: DEBUG - Assign free vars
2019-08-08 12:59:58,191: INFO - Corner 2 phoss-c2
2019-08-08 12:59:58,197: INFO - Corner 3 phoss-c3
2019-08-08 12:59:58,222: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:59:58,227: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:59:58,232: INFO - < Rivet finished sucessfully
2019-08-08 12:59:58,238: INFO - -----

2019-08-08 12:59:58,243: INFO - > RUN RIVET 1
2019-08-08 12:59:58,248: DEBUG - Assign free vars
2019-08-08 12:59:58,254: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:58,463: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:59:58,469: INFO - < Rivet finished sucessfully
2019-08-08 12:59:58,474: INFO - -----

2019-08-08 12:59:58,479: INFO - > RUN RIVET 2
2019-08-08 12:59:58,484: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:59:59,543: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:59:59,549: INFO - =====
2019-08-08 12:59:59,554: INFO - C2 AS4 Message:
2019-08-08 12:59:59,562: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-c17b782a-179f-4815-ad81-dab357e477eb">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T13:00:04.435</eb:Timestamp>
<eb:MessageId>53f039ed-4a12-420b-9dd1-c9c4dfa1707d@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>506449</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:59:59,567: INFO - =====
2019-08-08 12:59:59,572: INFO - C2 AS4 Security Header:
2019-08-08 12:59:59,578: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
```



[illegible]

```
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>cVETqJzPsoUlwEI2M9VikNw+FtbA4QOv+0Y5XL/jcHs=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>fnMpzxAQKziCSfMNC5349ryiCOM1u+CY1hS2sNenJ4qqMJcuY5FuLcLlzx8Z1ld8yMoOMI/h0V+IDY16u8ohe18HKbB/3UDRAVXO7YuaNxpzJHT2hc7POSEqdPywV2
sirkPNAMb1ziXHGt/Ux3NQpXL3lwSJGu8RcrttJY7a1FVUcWVRcNVo+uRM+a0S4oIF2HeXNI+BS3jBqMn7CnYlqJkNHlt/OnazYRjCcJZ/2BLm5f1pcKO/jW62mDEtWjgi5g3zM0gfrzRuHdXno
Y4SfU+eeLkQwCDS4BuESxhUKK6YT9O1t6kPvjZRxhVu9peF7RUzkPy68vZN6AEMA6PFILw==</ds:SignatureValue>
<ds:KeyInfo Id="KI-053f9ff7-3204-41fc-b2e1-903637bf1226">
<wsse:SecurityTokenReference wsu:Id="STR-b0776de2-5c3a-4cd0-b2ee-dbdd8d47c5fa">
<wsse:Reference URI="#X509-b9d2636e-2ab0-4658-8128-5550f435456c"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:59:59,583: INFO - =====
2019-08-08 12:59:59,589: INFO - Checking From/To partyIds values ...
2019-08-08 12:59:59,595: INFO - Fom PartyId: phoss-c2
2019-08-08 12:59:59,600: INFO - To PartyId: phoss-c3
2019-08-08 12:59:59,605: INFO - =====
2019-08-08 12:59:59,610: INFO - =====
2019-08-08 12:59:59,616: INFO - AS4 message id: 53f039ed-4a12-420b-9dd1-c9c4dfa1707d@mindentestbed.org
2019-08-08 12:59:59,621: INFO - =====
2019-08-08 12:59:59,640: INFO - Attachments
2019-08-08 12:59:59,649: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:59:59,654: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:59:59,660: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:59:59,665: INFO -
2019-08-08 12:59:59,671: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:59:59,676: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:59:59,681: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:59:59,686: INFO -
2019-08-08 12:59:59,691: INFO - =====
2019-08-08 12:59:59,698: INFO - Forward message to the other side: 1565269199697
2019-08-08 12:59:59,703: INFO - =====
2019-08-08 12:59:59,708: DEBUG - Assign free vars
2019-08-08 12:59:59,713: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:59:59,836: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:59:59,841: INFO - < Rivet finished successfully
2019-08-08 12:59:59,846: INFO - -----

2019-08-08 12:59:59,851: INFO - > RUN RIVET 3
2019-08-08 12:59:59,857: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 13:00:01,108: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 13:00:01,123: DEBUG - Assign free vars
2019-08-08 13:00:01,129: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 13:00:01,134: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 13:00:01,139: INFO - < Rivet finished successfully
2019-08-08 13:00:01,144: INFO - -----

2019-08-08 13:00:01,149: INFO - Test #29796 Finished
```