



# **Test Report**

**Test Group: AS4 e-SENS Specific Test  
Assertions**

**Flame FMS AS4 Server**

**2016.03.09 16:24:46**

# Summary

eSENS_TA01	✓
eSENS_TA02	✓
eSENS_TA03	✓
eSENS_TA04	✓
eSENS_TA05	✓
eSENS_TA06	✓
eSENS_TA07	✓
eSENS_TA09	✓
eSENS_TA10	✓
eSENS_TA11	✓
eSENS_TA13	✓
eSENS_TA14	✓
eSENS_TA15	✓
eSENS_TA16	✓
eSENS_TA17	✓
eSENS_TA18	✓
eSENS_TA19	✓
eSENS_TA20	✓

# Test Report - eSENS\_TA01

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA01
<b>Test Case:</b>	eSENS_TA01_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA01
<b>Target:</b>	"One-Way/Push" MEP
<b>Normative Source:</b>	[e-SENS] "The AS4 ebHandler Conformance Profile is the AS4 conformance profile that provides support for Sending and Receiving roles using Push channel bindings. Support is required for the following Message Exchange Patterns: • One Way / Push • Two Way / Push-and-Push"
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	• SMSG and RMSG are configured to exchange AS4 messages according to the eSENS profile: One-Way/Push MEP. • SMSG sends an AS4 User message to the RMSG
<b>Predicate:</b>	The RMSG returns a non-repudiation receipt within a HTTP response with status code 2XX (for more details on http response codes please refer to <a href="https://issues.oasis-open.org/browse/EBXMLMSG-57?jql=project%20%3D%20EBXMLMSG">https://issues.oasis-open.org/browse/EBXMLMSG-57?jql=project%20%3D%20EBXMLMSG</a> ).
<b>Variables:</b>	
<b>Tag:</b>	Message Exchange pattern, One-Way/Push

# Log

```
2016-03-05 13:08:42,393: INFO - Start Test
2016-03-05 13:08:42,399: INFO - Initialize test case
2016-03-05 13:08:42,410: DEBUG - Parameters
2016-03-05 13:08:42,416: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:08:42,421: INFO - > Initialize the Adapters
2016-03-05 13:08:42,426: INFO - Call start test on NULLWRAPPER
2016-03-05 13:08:42,432: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:08:42,437: INFO - Call start test on as4-adapter
2016-03-05 13:08:42,446: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:08:42,452: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:08:42,457: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:08:42,464: INFO - Call start test on genericAS4Corner4
2016-03-05 13:08:42,470: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:08:42,475: INFO - Call start test on genericAS4Corner1
2016-03-05 13:08:42,481: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:08:42,487: INFO - > RUN RIVET 0
2016-03-05 13:08:42,492: DEBUG - Assign free vars
2016-03-05 13:08:42,500: INFO - Corner 2 flame-c2
2016-03-05 13:08:42,505: INFO - Corner 3 flame-c3
2016-03-05 13:08:42,521: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:42,528: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:42,540: INFO - < Rivet finished successfully
2016-03-05 13:08:42,545: INFO - -----

2016-03-05 13:08:42,551: INFO - > RUN RIVET 1
2016-03-05 13:08:42,556: DEBUG - Assign free vars
2016-03-05 13:08:42,561: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:43,379: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:43,385: INFO - < Rivet finished successfully
2016-03-05 13:08:43,390: INFO - -----

2016-03-05 13:08:43,395: INFO - > RUN RIVET 2
2016-03-05 13:08:43,400: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:46,178: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:46,184: INFO - C2 AS4 Message
2016-03-05 13:08:46,196: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176168669-872982060">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:28.227Z</eb:Timestamp>
<eb:MessageId>380af1a4-358b-4ef6-9e74-7cdc8e907f89@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>467701</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">467701</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA01</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">380af1a4-358b-4ef6-9e74-7cdc8e907f89@mindertestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:08:46,201: INFO - C2 AS4 Security Header
2016-03-05 13:08:46,212: 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:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```



```
<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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>ZPWifLMjDlyDpKNLbmF2FABxquk9e8c6R+vvKbCeXtmqx0Nj3Vv6U/mRiqfhjXCrHVqNjfan4I
a/IQS81Vkei9M0L7DddfTxlPsmCQ3fdyP5Wff2aAwic0W2j5t5bk/yH8cUVZFRBdyzxyTuygA32
S+712cYnWgH+tt01YnUXS/4G+yh02VX00B/Lt49PV8qVWMTxz16Uy09S5Qw53FzFguKlFq00Yh
G0k2R09+RvRaseJzSjWlA0Gbd0C4WivYkYff2SqA40padLkvwafqwaALMImQ64wLs1ZyzyrdYUo
F/JqtjcZabZ5EP6hKsk2Cb6DrfEDnhUCH3Euw==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-145717616864865666181">
<wsse:Reference URI="#XWSSGID-1457176168537880626322"
ValueURI="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>
2016-03-05 13:08:46,217: INFO - -----
2016-03-05 13:08:46,223: INFO - AS4 message id: 380af1a4-358b-4ef6-9e74-7cdc8e907f89@mindertestbed.org
2016-03-05 13:08:46,278: INFO - -----
2016-03-05 13:08:46,283: INFO - Attachments
2016-03-05 13:08:46,305: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:08:46,310: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:08:46,315: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:08:46,320: INFO -
2016-03-05 13:08:46,326: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:08:46,332: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9DCDCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:08:46,337: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:08:46,342: INFO -
2016-03-05 13:08:46,348: INFO - Forward message to the other side: 1457176126348
2016-03-05 13:08:46,354: DEBUG - Assign free vars
2016-03-05 13:08:46,359: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:08:50,270: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:08:50,275: INFO - < Rivet finished successfully
2016-03-05 13:08:50,281: INFO - -----

2016-03-05 13:08:50,286: INFO - > RUN RIVET 3
2016-03-05 13:08:50,291: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:08:50,296: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:08:50,302: INFO - Received Receipt: 1457176130302
2016-03-05 13:08:50,307: INFO - RECEIPT
2016-03-05 13:08:50,321: 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: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:env="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176173574-1274910170">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:33.563Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130930-228-0-42208655476098134@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>380af1a4-358b-4ef6-9e74-7cdc8e907f89@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbp:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176168669-872982060">
<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/xmenc#sha256"/>
<ds:DigestValue>8z/oEzHahyQ1aJTq8NwqpoahwoRDvmI6rsCQ5RsmkN8=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176168671-1197547025">
<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/xmenc#sha256"/>
<ds:DigestValue>jy0mgisi0eLOUE0RzaT2h2RdLivalKqWrzCcUfyLbwY=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
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/xmenc#sha256"/>
<ds:DigestValue>r7CBjbov5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:08:50,326: INFO - =====
2016-03-05 13:08:50,332: DEBUG - Assign free vars
```

```
2016-03-05 13:08:50,337: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:50,347: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:50,354: INFO - < Rivet finished sucessfully
2016-03-05 13:08:50,359: INFO - -----

2016-03-05 13:08:50,364: INFO - > RUN RIVET 4
2016-03-05 13:08:50,369: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:50,374: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:50,379: INFO - -----
2016-03-05 13:08:50,385: INFO - Corner4 Received Payloads:
2016-03-05 13:08:50,390: INFO - Data
2016-03-05 13:08:50,395: INFO - originalSender: C1
2016-03-05 13:08:50,400: INFO - finalRecipient: C4
2016-03-05 13:08:50,405: INFO - refToMessageId: null
2016-03-05 13:08:50,410: INFO - conversationId: 467701
2016-03-05 13:08:50,415: INFO - messageId: 380af1a4-358b-4ef6-9e74-7cdc8e907f89@mindertestbed.org
2016-03-05 13:08:50,421: INFO - to: flame-c3
2016-03-05 13:08:50,426: INFO - from: null
2016-03-05 13:08:50,431: INFO - pModeId: null
2016-03-05 13:08:50,437: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:08:50,443: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:08:50,448: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:08:50,453: INFO - <min><der>sample</der></min>
2016-03-05 13:08:50,459: INFO - -----
2016-03-05 13:08:50,464: DEBUG - Assign free vars
2016-03-05 13:08:50,469: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:50,475: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:50,481: INFO - < Rivet finished sucessfully
2016-03-05 13:08:50,486: INFO - -----

2016-03-05 13:08:50,491: INFO - > RUN RIVET 5
2016-03-05 13:08:50,497: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:08:52,599: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:08:52,605: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:08:52,611: INFO - Receipt
2016-03-05 13:08:52,616: INFO - 380af1a4-358b-4ef6-9e74-7cdc8e907f89@mindertestbed.org
2016-03-05 13:08:52,621: INFO - null
2016-03-05 13:08:52,627: INFO - null
2016-03-05 13:08:52,633: DEBUG - Assign free vars
2016-03-05 13:08:52,638: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:52,651: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:52,659: INFO - < Rivet finished sucessfully
2016-03-05 13:08:52,667: INFO - -----

2016-03-05 13:08:52,673: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA02

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA02
<b>Test Case:</b>	eSENS_TA02_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA02
<b>Target:</b>	"Two-Way/Push-and-Push" MEP, CollaborationInfo
<b>Normative Source:</b>	[e-SENS] " Message Exchange Patterns: • One Way / Push • Two Way / Push-and-Push" And "AS4 provides multiple mechanisms to correlate messages within a particular flow. 1.UserMessage/MessageInfo/RefToMessageId provides a way to express that a message is a response to a single specific previous message. Presence of a RefToMessageId is required in response messages in Two Way message exchanges. By default, exchanges are considered One Way."
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile: Two-Way/Push-and-Push MEP. • SMSH sends an AS4 User Message (M1 with ID MessageId) that requires a consumer response to the RMSH.
<b>Predicate:</b>	The RMSH sends back a User Message (M2) with element REFTOMESSAGEID set to MESSAGEID (of M1).
<b>Variables:</b>	MESSAGEID: XML element (M1)Messaging/UserMessage/MessageInfo/MessageId REFTOMESSAGEID: XML element (M2)Messaging/UserMessage/MessageInfo/ RefToMessageId
<b>Tag:</b>	Message Exchange pattern, Two-Way/Push-and-Push, correlation Request/Response







```
<eb:Property name="Action">ACT_SIMPLE_TWOWAY</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_TWOWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">913ece8f-20e1-49ae-8160-daedfb3199c3@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:05:05,391: INFO - =====
2016-03-05 13:05:05,396: DEBUG - Assign free vars
2016-03-05 13:05:05,401: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:10,724: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:10,730: INFO - < Rivet finished successfully
2016-03-05 13:05:10,735: INFO - -----

2016-03-05 13:05:10,740: INFO - > RUN RIVET 3
2016-03-05 13:05:10,745: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:10,751: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:10,759: INFO - RECEIPT
2016-03-05 13:05:10,764: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
env:mustUnderstand="true">
<wsse:BinarySecurityToken xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-
1457175954021614123854">MIIDWTCCAgGwIBAgaIELOkppjANBgkqhkiG9w0BAQsFADBDMQswCQYDVQGEJFVTEOMAwGA1UECBMFZmVudXJpYMBGNVBACBWBZsYW11MQ4wDAYDVQ
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dFCn/XN3gqcwjtXagQlaoSL4ssvxxGoL</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-14571759540211138150744">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#XWSSGID-1457175954024-1470730453">
<ds:Transforms>
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>GSLZRnn2c5D+UTzMUPLs/KX8HeVwC0wcyHDHvPmtUwo=</ds:DigestValue>
</ds:Reference>
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</ds:Transforms>
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</ds:Reference>
</ds:SignedInfo>
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<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-1457175954024932201953">
<wsse:Reference URI="#XWSSGID-1457175954021614123854"
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>
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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"
wsu:Id="XWSSGID-1457175954024-1470730453">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:05:54.000Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130549.724-0.32826980998793975@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>913ece8f-20e1-49ae-8160-daedfb3199c3@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbpsig:NonRepudiationInformation xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0#"
ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457175947794-1911751243">
</ds:Reference>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:MessageInfo>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
```

```

<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldoc#sha256"/>
<ds:DigestValue>fJbUYdUUFbvYsXQL2s3to5H7UMWXLr8UdPY4v7WZgdE=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
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</ds:Transforms>
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<ds:DigestValue>CE182I/wIZfa0cLf0uPq462wCvSvSkE5yV82jEA9DNg8=</ds:DigestValue>
</ds:Reference>
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URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldoc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
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<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldoc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:05:10,770: INFO - =====
2016-03-05 13:05:10,782: DEBUG - Assign free vars
2016-03-05 13:05:10,787: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:10,797: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:10,803: INFO - < Rivet finished successfully
2016-03-05 13:05:10,814: INFO - -----

2016-03-05 13:05:10,819: INFO - > RUN RIVET 4
2016-03-05 13:05:10,825: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:10,830: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:10,835: INFO - -----
2016-03-05 13:05:10,840: INFO - Corner4 Received Payloads:
2016-03-05 13:05:10,845: INFO - Data
2016-03-05 13:05:10,851: INFO - originalSender: C1
2016-03-05 13:05:10,856: INFO - finalRecipient: C4
2016-03-05 13:05:10,861: INFO - refToMessageId: null
2016-03-05 13:05:10,866: INFO - conversationId: 23655
2016-03-05 13:05:10,871: INFO - messageId: 913ece8f-20e1-49ae-8160-daefb3199c3@mindentestbed.org
2016-03-05 13:05:10,879: INFO - to: flame-c3
2016-03-05 13:05:10,887: INFO - from: null
2016-03-05 13:05:10,893: INFO - pModeId: null
2016-03-05 13:05:10,899: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:05:10,904: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:05:10,909: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:05:10,915: INFO - <min><der>sample</der></min>
2016-03-05 13:05:10,920: INFO - -----
2016-03-05 13:05:10,925: DEBUG - Assign free vars
2016-03-05 13:05:10,931: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:10,938: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:10,948: INFO - < Rivet finished successfully
2016-03-05 13:05:10,954: INFO - -----

2016-03-05 13:05:10,960: INFO - > RUN RIVET 5
2016-03-05 13:05:10,966: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:05:10,974: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:05:13,050: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:05:13,056: INFO - Receipt
2016-03-05 13:05:13,061: INFO - 913ece8f-20e1-49ae-8160-daefb3199c3@mindentestbed.org
2016-03-05 13:05:13,066: INFO - null
2016-03-05 13:05:13,071: INFO - null
2016-03-05 13:05:13,077: DEBUG - Assign free vars
2016-03-05 13:05:13,089: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:13,094: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:13,099: INFO - < Rivet finished successfully
2016-03-05 13:05:13,106: INFO - -----

2016-03-05 13:05:13,115: INFO - > RUN RIVET 6
2016-03-05 13:05:13,121: DEBUG - Assign free vars
2016-03-05 13:05:13,126: INFO - > CALL SLOT genericAS4Corner4|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:13,174: INFO - < SLOT CALLED genericAS4Corner4|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:13,179: INFO - < Rivet finished successfully
2016-03-05 13:05:13,184: INFO - -----

2016-03-05 13:05:13,189: INFO - > RUN RIVET 7
2016-03-05 13:05:13,195: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:17,010: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:17,016: INFO - C3 AS4 Message
2016-03-05 13:05:17,077: INFO - Attachments
2016-03-05 13:05:17,082: INFO - -----
2016-03-05 13:05:17,089: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:05:17,094: INFO - Compressed HEX payload:
1FB80800000000000000535454F0C4FC94CAB54C84D55484C2B492D52282E4DCACD2CECECCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:05:17,099: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:05:17,104: INFO -
2016-03-05 13:05:17,109: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip

```

2016-03-05 13:05:17,114: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9DCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6C03781C000000

2016-03-05 13:05:17,120: INFO - Decompressed Payload: <min><der>sample</der></min>

2016-03-05 13:05:17,125: INFO -

2016-03-05 13:05:17,130: INFO - -----

2016-03-05 13:05:17,138: INFO - SOAP HEADER

2016-03-05 13:05:17,143: INFO - <?xml version="1.0" encoding="UTF-8"?>

```
<env:Header xmlns:env="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:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
env:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-14571759593871082610742">MIIDWTCCAKGgAwIBAgIELokpPjANBgkqhkiG9w0BAQsFADBQDQwCQYDVQQGEwJVFTVEOMAwGA1UECBMFM2xhbWUxZjAMBgNVBAcTBWZsYW1lMQ4wDAYDV
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<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="XWSSGID-14571759596401349801885">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11rsa-0aep"/>
<ds:KeyInfo>
<wsse:SecurityTokenReference>
<wsse:Reference URI="#XWSSGID-14571759593871082610742"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherValue>SlaWFPpUg656TPiwMu7d3WpgGT615ocDXj83aC04cqe5BsCmcsTD9b2rRidcs5hUqFSTvX0PEH4
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<xenc:DataReference URI="#XWSSGID-1457175959702-1847322899"/>
</xenc:ReferenceList>
</xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="XWSSGID-1457175959702-1847322899"
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/xmenc11aes128-gcm"/>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
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Id="XWSSGID-14571759597061647834090"
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/xmenc11aes128-gcm"/>
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<xenc:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-14571759593871082610742">MIIDWTCCAKGgAwIBAgIELokpPjANBgkqhkiG9w0BAQsFADBQDQwCQYDVQQGEwJVFTVEOMAwGA1UECBMFM2xhbWUxZjAMBgNVBAcTBWZsYW1lMQ4wDAYDV
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mdFcN/XN3gqcwjtXagQLaomSL4ssvxxqGoL</wsse:BinarySecurityToken>
<ds:Signature Id="XWSSGID-1457175959379-1944663724">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<InclusiveNamespaces xmlns="http://www.w3.org/2001/10/xml-exc-c14n#"
PrefixList="wsse ds eb ebpsig env wsu"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#XWSSGID-1457175959503-1331229299">
<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/xmenc#sha256"/>
<ds:DigestValue>0qe0mmQAZxm7mL9UDxbVdGsn74WB-0IOvR6Rk879A=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-1457175959505-781914836">
<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/xmenc#sha256"/>
<ds:DigestValue>etz7CBFZAikUsh9wubGTBYWLSVPUjGkKd4JD9/YMvs=</ds:DigestValue>
</ds:Reference>
</ds:Signature>
```



```
CqGCOw51Yp+jjdw/km27tWx06tRtscqV9wXsBx9qKOR49+aUHHZab05VXLMIHnKHPqBb+vsUiTsL8TAnpQ/gY31NxaY9v83Z/EVDw0qIJ0g5FgQNK7LJKzB4RuAmyf1P18CV2sg6Cg0hs
RvfnDlzPupND/giSbdwRxCsaxktoLCLGSj2RLafuwJa8kad0bgQdf0BKfVzUpJsB8EqnbnNQdQZQxL9BzK+rbGZ4iWbAyfzhKLug4/4a8HDKVEGkQpL9teSRNQLr0cF0909n1F9Cu
tXdpJyKJkE05imT/yDRnoZ9/udLttbphz4/SQk6Q6dTz8ncep9sCAwEAAMhMB8HQYDVR00BYYEFNzq/zf+cTKMos6q5KGHjUoojTEEMA0GCSqGSIb3DQEBQwUAA4IBAQBslujVdA/E9
EAUVp7co8tFQjswrKKRjHpmz4j3TQwetbL2V7/VHbZg+e71IN5zvADPC9XKBHREPHoRzod3sRknHWWCB/Pruj091VnJao2I43ozCXA2yRlFvch6LXA4Hto55s1zFNec43WiLPx3E9F6y
FBSLqfS+WpQRA8yucR3PSfrraUL9Yq/gKah5u3mb+FP/r9ay0AjAxkZq10T5T28izQWn8tejpriklZqjwjqMqFTuSW11SUL1Rc14yYqTIIQILzVREK3alY5vaTvwjP54cFL4/yXkgjTT
qX8vVi9txkogXHi5BnV6RXYGCoHr8Bs5n0Q0TYq4AHjvs</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-1457175964505-984375754">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#XWSSGID-14571759645071098260883">
<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/xmldsig-more#sha256"/>
<ds:DigestValue>HJcmLQC0ToidYRgvSEh7ha8aa1FqYIUeBzHrUHTfK4=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-1457175964507-1059127255">
<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/xmldsig-more#sha256"/>
<ds:DigestValue>iVAKoyXSq/Ei7bB+HmaUUbHxNcZVHXB+dmIHP+K3L4=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>XV0kR6INXJCQb+eU5uVZaSnI/6IP/UpjdYfGiEVwF1Nlc6ypIwjQeFjDWBfTL3SAW8SV0/JUPJ+3
Mr2PuwymnoIriCAs4plT7LYkoIWL9tMXK2tDkLPqM4X3w0g1H1nAcFcyj+k3i8yAovQzGMLT3U
wFQHC2gg/R63zaEY9kG11L6cPAMnLfh2Va7MRpYBmOrIr+Tl1Qu0W72PvHKIQgWQF+h0gxfQL
amP8q0DkxY5jb00ldeNj5c2p+H3AYyApHrCqpxIntCnhCcp+Dj2oRuX+VAWhL9dryVUGi3Mi7MC
MLHbFD+6C6/BNu8KagfrhZcdHwf8BzBlUdw6k==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-1457175964506-1062819836">
<wsse:Reference URI="#XWSSGID-1457175964505-652935626"
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>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
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"
wsu:Id="XWSSGID-14571759645071098260883">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:04.496Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130601_026-0_936742911038996@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>ad29b1a8-2382-4dba-a628-db3d9d423636@minderstestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbsig:NonRepudiationInformation xmlns:ebbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457175959503-1331229299">
<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/xmldsig-more#sha256"/>
<ds:DigestValue>0qe0mmQAZxm7mLY9UdDxbVdGsn74WB+0IOvR6R879A=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457175959505-781914836">
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#sha256"/>
<ds:DigestValue>etz7CBFZAxiKUsH9wWbGTBYWLSVPUj6Kkd4JD9/YMvs=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+etbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
</ebbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:05:21,252: INFO - =====
2016-03-05 13:05:21,258: DEBUG - Assign free vars
2016-03-05 13:05:21,263: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:21,275: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:21,284: INFO - < Rivet finished successfully
2016-03-05 13:05:21,291: INFO - -----
2016-03-05 13:05:21,298: INFO - > RUN RIVET 9
```

```
2016-03-05 13:05:21,306: DEBUG - > Wait For Signal:genericAS4Corner1|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:21,315: DEBUG - < Signal Arrived: genericAS4Corner1|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:21,323: INFO - -----
2016-03-05 13:05:21,329: INFO - Corner1 Received Payloads:
2016-03-05 13:05:21,334: INFO - Data
2016-03-05 13:05:21,342: INFO - originalSender: C4
2016-03-05 13:05:21,347: INFO - finalRecipient: C1
2016-03-05 13:05:21,352: INFO - refToMessageId: 913ece8f-20e1-49ae-8160-daedfb3199c3@mindertestbed.org
2016-03-05 13:05:21,359: INFO - conversationId: 23655
2016-03-05 13:05:21,367: INFO - messageId: ad29b1a8-2382-4dba-a628-db3d9d423636@mindertestbed.org
2016-03-05 13:05:21,375: INFO - to: flame-c2
2016-03-05 13:05:21,403: INFO - from: null
2016-03-05 13:05:21,408: INFO - pModeId: null
2016-03-05 13:05:21,420: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:05:21,426: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:05:21,435: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:05:21,443: INFO - <min><der>sample</der></min>
2016-03-05 13:05:21,451: INFO - -----
2016-03-05 13:05:21,465: DEBUG - Assign free vars
2016-03-05 13:05:21,470: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:21,480: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:21,486: INFO - < Rivet finished successfully
2016-03-05 13:05:21,495: INFO - -----

2016-03-05 13:05:21,503: INFO - > RUN RIVET 10
2016-03-05 13:05:21,511: DEBUG - > Wait For Signal:genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:05:23,754: DEBUG - < Signal Arrived: genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:05:23,759: INFO - Corner4 backend NOTIFICATION
2016-03-05 13:05:23,764: INFO - Receipt
2016-03-05 13:05:23,769: INFO - ad29b1a8-2382-4dba-a628-db3d9d423636@mindertestbed.org
2016-03-05 13:05:23,774: INFO - null
2016-03-05 13:05:23,780: INFO - null
2016-03-05 13:05:23,789: DEBUG - Assign free vars
2016-03-05 13:05:23,795: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:23,800: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:23,805: INFO - < Rivet finished successfully
2016-03-05 13:05:23,810: INFO - -----

2016-03-05 13:05:23,815: INFO - > Send finish message to all wrappers
```



# Test Report - eSENS\_TA03

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA03
<b>Test Case:</b>	eSENS_TA03_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA03
<b>Target:</b>	User Message single exchange parties
<b>Normative Source:</b>	[e-SENS] "Both UserMessage/PartyInfo/From and UserMessage/PartyInfo/To must not include more than one PartyId element"
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	<ul style="list-style-type: none"><li>• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile: One-Way/Push MEP.</li><li>• SMSH and RMSH exchange several AS4 User Messages.</li></ul>
<b>Predicate:</b>	Each exchanged AS4 message contains single ORIGIN and DESTINATION elements.
<b>Variables:</b>	ORIGIN: XML element Messaging/UserMessage/PartyInfo/From DESTINATION: XML element Messaging/UserMessage/PartyInfo/To
<b>Tag:</b>	User Message, party info

# Log

```
2016-03-05 13:05:25,939: INFO - Start Test
2016-03-05 13:05:25,945: INFO - Initialize test case
2016-03-05 13:05:25,964: DEBUG - Parameters
2016-03-05 13:05:25,969: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:05:25,977: INFO - > Initialize the Adapters
2016-03-05 13:05:25,983: INFO - Call start test on NULLWRAPPER
2016-03-05 13:05:25,989: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:05:25,995: INFO - Call start test on as4-adapter
2016-03-05 13:05:26,005: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:05:26,023: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:05:26,029: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:05:26,034: INFO - Call start test on genericAS4Corner4
2016-03-05 13:05:26,041: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:05:26,048: INFO - Call start test on genericAS4Corner1
2016-03-05 13:05:26,053: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:05:26,059: INFO - > RUN RIVET 0
2016-03-05 13:05:26,064: DEBUG - Assign free vars
2016-03-05 13:05:26,070: INFO - Corner 2 flame-c2
2016-03-05 13:05:26,075: INFO - Corner 3 flame-c3
2016-03-05 13:05:26,081: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:26,088: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:26,094: INFO - < Rivet finished successfully
2016-03-05 13:05:26,099: INFO - -----

2016-03-05 13:05:26,104: INFO - > RUN RIVET 1
2016-03-05 13:05:26,109: DEBUG - Assign free vars
2016-03-05 13:05:26,115: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:26,810: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:26,816: INFO - < Rivet finished successfully
2016-03-05 13:05:26,822: INFO - -----

2016-03-05 13:05:26,827: INFO - > RUN RIVET 2
2016-03-05 13:05:26,832: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:29,420: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:29,431: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457175971931756888587">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:11.502Z</eb:Timestamp>
<eb:MessageId>eceddbf3-78f8-4838-837d-e28ec3abb394@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>34460</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">34460</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">eceddbf3-78f8-4838-837d-e28ec3abb394@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:05:29,439: DEBUG - Assign free vars
2016-03-05 13:05:29,444: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:34,030: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:34,036: INFO - < Rivet finished successfully
2016-03-05 13:05:34,041: INFO - -----

2016-03-05 13:05:34,046: INFO - > RUN RIVET 3
2016-03-05 13:05:34,051: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:34,057: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:34,062: DEBUG - Assign free vars
2016-03-05 13:05:34,067: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:34,077: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:34,083: INFO - < Rivet finished successfully
```

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2016-03-05 13:05:34,089: INFO - -----
2016-03-05 13:05:34,094: INFO - > RUN RIVET 4
2016-03-05 13:05:34,103: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:34,111: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:34,117: INFO - -----
2016-03-05 13:05:34,122: INFO - Corner4 Received Payloads:
2016-03-05 13:05:34,127: INFO - Data
2016-03-05 13:05:34,132: INFO - originalSender: C1
2016-03-05 13:05:34,137: INFO - finalRecipient: C4
2016-03-05 13:05:34,143: INFO - refToMessageId: null
2016-03-05 13:05:34,148: INFO - conversationId: 34460
2016-03-05 13:05:34,153: INFO - messageId: eceddbf3-78f8-4838-837d-e28ec3abb394@mindertestbed.org
2016-03-05 13:05:34,158: INFO - to: flame-c3
2016-03-05 13:05:34,163: INFO - from: null
2016-03-05 13:05:34,168: INFO - pModeId: null
2016-03-05 13:05:34,185: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:05:34,190: INFO - <min><der>sample</der></min>
2016-03-05 13:05:34,196: INFO - -----
2016-03-05 13:05:34,201: DEBUG - Assign free vars
2016-03-05 13:05:34,207: INFO - > CALL SLOT NULLWRAPPER.NULLSL0T
2016-03-05 13:05:34,213: INFO - < SLOT CALLED NULLWRAPPER.NULLSL0T
2016-03-05 13:05:34,220: INFO - < Rivet finished successfully
2016-03-05 13:05:34,225: INFO - -----

2016-03-05 13:05:34,231: INFO - > RUN RIVET 5
2016-03-05 13:05:34,237: DEBUG - Assign free vars
2016-03-05 13:05:34,242: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:35,603: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:35,609: INFO - < Rivet finished successfully
2016-03-05 13:05:35,615: INFO - -----

2016-03-05 13:05:35,620: INFO - > RUN RIVET 6
2016-03-05 13:05:35,626: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:39,061: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:39,073: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457175981397-1282696941">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:20.643Z</eb:Timestamp>
<eb:MessageId>169ec8b3-8490-45af-9a10-b71fc159ca00@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>34460</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">34460</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">169ec8b3-8490-45af-9a10-b71fc159ca00@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:05:39,080: DEBUG - Assign free vars
2016-03-05 13:05:39,089: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:42,889: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:42,894: INFO - < Rivet finished successfully
2016-03-05 13:05:42,899: INFO - -----

2016-03-05 13:05:42,905: INFO - > RUN RIVET 7
2016-03-05 13:05:42,910: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:42,915: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:42,920: DEBUG - Assign free vars
2016-03-05 13:05:42,926: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:42,936: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:42,942: INFO - < Rivet finished successfully
2016-03-05 13:05:42,955: INFO - -----

2016-03-05 13:05:42,961: INFO - > RUN RIVET 8
2016-03-05 13:05:42,966: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:42,975: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:42,983: INFO - -----
```

```
2016-03-05 13:05:42,989: INFO - Corner4 Received Payloads:
2016-03-05 13:05:42,995: INFO - Data
2016-03-05 13:05:43,003: INFO - originalSender: C1
2016-03-05 13:05:43,009: INFO - finalRecipient: C4
2016-03-05 13:05:43,015: INFO - refToMessageId: null
2016-03-05 13:05:43,023: INFO - conversationId: 34460
2016-03-05 13:05:43,031: INFO - messageId: 169ec8b3-8490-45af-9a10-b71fc159ca00@mindertestbed.org
2016-03-05 13:05:43,039: INFO - to: flame-c3
2016-03-05 13:05:43,045: INFO - from: null
2016-03-05 13:05:43,050: INFO - pModeId: null
2016-03-05 13:05:43,055: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:05:43,060: INFO - <min><der>sample</der></min>
2016-03-05 13:05:43,065: INFO - -----
2016-03-05 13:05:43,070: DEBUG - Assign free vars
2016-03-05 13:05:43,076: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:43,081: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:43,086: INFO - < Rivet finished successfully
2016-03-05 13:05:43,092: INFO - -----

2016-03-05 13:05:43,097: INFO - > RUN RIVET 9
2016-03-05 13:05:43,102: DEBUG - Assign free vars
2016-03-05 13:05:43,108: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:44,255: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:44,262: INFO - < Rivet finished successfully
2016-03-05 13:05:44,267: INFO - -----

2016-03-05 13:05:44,273: INFO - > RUN RIVET 10
2016-03-05 13:05:44,278: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:47,553: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:47,580: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457175989699-657861277">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:29.286Z</eb:Timestamp>
<eb:MessageId>dee21eb4-fa4c-45b5-a208-e85f8d77341c@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>34460</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">34460</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">dee21eb4-fa4c-45b5-a208-e85f8d77341c@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:05:47,585: DEBUG - Assign free vars
2016-03-05 13:05:47,591: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:51,480: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:05:51,486: INFO - < Rivet finished successfully
2016-03-05 13:05:51,491: INFO - -----

2016-03-05 13:05:51,496: INFO - > RUN RIVET 11
2016-03-05 13:05:51,502: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:51,507: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:05:51,512: DEBUG - Assign free vars
2016-03-05 13:05:51,517: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:51,532: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:05:51,538: INFO - < Rivet finished successfully
2016-03-05 13:05:51,543: INFO - -----

2016-03-05 13:05:51,549: INFO - > RUN RIVET 12
2016-03-05 13:05:51,554: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:51,559: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:51,564: INFO - -----
2016-03-05 13:05:51,569: INFO - Corner4 Received Payloads:
2016-03-05 13:05:51,575: INFO - Data
2016-03-05 13:05:51,580: INFO - originalSender: C1
2016-03-05 13:05:51,585: INFO - finalRecipient: C4
2016-03-05 13:05:51,590: INFO - refToMessageId: null
2016-03-05 13:05:51,595: INFO - conversationId: 34460
```

```
2016-03-05 13:05:51,600: INFO - messageId: dee21eb4-fa4c-45b5-a208-e85f8d77341c@mindertestbed.org
2016-03-05 13:05:51,606: INFO - to: flame-c3
2016-03-05 13:05:51,611: INFO - from: null
2016-03-05 13:05:51,616: INFO - pModeId: null
2016-03-05 13:05:51,621: INFO - xmlhttppayload@minder type: application/octet-stream.
2016-03-05 13:05:51,626: INFO - <min><der>sample</der></min>
2016-03-05 13:05:51,632: INFO - -----
2016-03-05 13:05:51,637: DEBUG - Assign free vars
2016-03-05 13:05:51,642: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:51,649: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:51,655: INFO - < Rivet finished sucessfully
2016-03-05 13:05:51,660: INFO - -----
2016-03-05 13:05:51,666: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA04

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA04
<b>Test Case:</b>	eSENS_TA04_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA04
<b>Target:</b>	Payload compression mandatory
<b>Normative Source:</b>	[e-SENS] "Due to the mandatory use of AS4 compression (see paragraph below), XML Payloads are exchanged as compressed binary data"
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	<ul style="list-style-type: none"><li>• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile. (One-Way/Push MEP)</li><li>• SMSH is simulated to produce uncompressed payloads.</li><li>• The SMSH sends the AS4 message to the RMSH.</li></ul>
<b>Predicate:</b>	The RMSH returns a non-repudiation receipt and delivers the message to the consumer.
<b>Variables:</b>	
<b>Tag:</b>	Payload, compression

# Log

```
2016-03-05 13:05:53,736: INFO - Start Test
2016-03-05 13:05:53,741: INFO - Initialize test case
2016-03-05 13:05:53,763: DEBUG - Parameters
2016-03-05 13:05:53,769: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:05:53,774: INFO - > Initialize the Adapters
2016-03-05 13:05:53,780: INFO - Call start test on NULLWRAPPER
2016-03-05 13:05:53,786: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:05:53,791: INFO - Call start test on as4-adapter
2016-03-05 13:05:53,800: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:05:53,807: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:05:53,812: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:05:53,818: INFO - Call start test on genericAS4Corner4
2016-03-05 13:05:53,828: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:05:53,835: INFO - Call start test on genericAS4Corner1
2016-03-05 13:05:53,842: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:05:53,849: INFO - > RUN RIVET 0
2016-03-05 13:05:53,854: DEBUG - Assign free vars
2016-03-05 13:05:53,861: INFO - Corner 2 flame-c2
2016-03-05 13:05:53,867: INFO - Corner 3 flame-c3
2016-03-05 13:05:53,904: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:05:53,909: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:05:53,914: INFO - < Rivet finished successfully
2016-03-05 13:05:53,920: INFO - -----

2016-03-05 13:05:53,925: INFO - > RUN RIVET 1
2016-03-05 13:05:53,930: DEBUG - Assign free vars
2016-03-05 13:05:53,935: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:54,589: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:05:54,596: INFO - < Rivet finished successfully
2016-03-05 13:05:54,601: INFO - -----

2016-03-05 13:05:54,607: INFO - > RUN RIVET 2
2016-03-05 13:05:54,614: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:57,715: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:05:57,721: INFO - C2 AS4 Message
2016-03-05 13:05:57,737: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-14571760002571985488966">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:39.802Z</eb:Timestamp>
<eb:MessageId>a0ab6a87-9991-4595-abae-ca2589081bba@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>561307</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">561307</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">a0ab6a87-9991-4595-abae-ca2589081bba@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:05:57,800: INFO - -----
2016-03-05 13:05:57,806: INFO - AS4 message id: a0ab6a87-9991-4595-abae-ca2589081bba@mindentestbed.org
2016-03-05 13:05:57,811: INFO - -----
2016-03-05 13:05:57,816: INFO - Attachments
2016-03-05 13:05:57,839: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
```





```
<ds:Reference URI="#XWSSGID-14571760054541308064365">
<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/xmldsig#sha256" />
<ds:DigestValue=1+t8M60Y0e0NBUAShKlBxFRUL+MkGQMqi3eUhfC9z2Y=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>LkGaMmukdlnvS2poXkEr/3VqvoL+Xa2oHnn0fWo4vTIVCAMuVBPnyfgEZMbuL3Ivb054qG6agZoo
BLxtbOnYw0zuVLAR0t7uRkrv/oEKlsvG2QjhE0SyjPDL0GcJzgw75mSfymdbRb8D0sT1YHbfGc
ueJ3XbfJv8KWSqtSYAAI1QkZETymNUQRDn1CswbHCQSD0jA6DEXLcbIG0HAJZe/vXcQ2+BTshgc
xZE0S5bvYc+G6NCSQkHqgS3Pt7q553gfhzc9I07Af8UihMqAb1dR7mdKFu2Gc67pniY3mizcb
aYSwp4z1h6oNr56KejM0DgqGg4ToHV71zxsAG==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-14571760054531512366135">
<wsse:Reference URI="#XWSSGID-1457176005452810169520"
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>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
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"
wsu:Id="XWSSGID-1457176005454-1871910373">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:45.444Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130641.859-0.3999816197988314fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>a0ab6a87-9991-4595-abae-ca2589081bba@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbpmsg:NonRepudiationInformation xmlns:ebbpmsg="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbpmsg:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571760002571985488966">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#"
PrefixList="ds ebbpsig env" />
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256" />
<ds:DigestValue=L9MiHt2B2G3orwmPHXDSbRSZwsSajxf9X7mhouqfRg=</ds:DigestValue>
</ds:Reference>
</ebbpmsg:MessagePartNRInformation>
<ebbpmsg:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176000259-1628197309">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#" />
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#"
PrefixList="ds eb ebbpsig" />
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256" />
<ds:DigestValue=MKWcgZWC+yNKsRE9BWy8ZNCtWZAUyrQAr/rXsNAU9TE=</ds:DigestValue>
</ds:Reference>
</ebbpmsg:MessagePartNRInformation>
<ebbpmsg:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform" />
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256" />
<ds:DigestValue=C9hZ/UbjzKBS7DV039Ks+6uhWL4uFNUV7Euuli+shE=</ds:DigestValue>
</ds:Reference>
</ebbpmsg:MessagePartNRInformation>
<ebbpmsg:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform" />
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256" />
<ds:DigestValue=G88sTOIDHkhrDOHx1J0seTI3mzxhSQMqUnd2igLsuJQ=</ds:DigestValue>
</ds:Reference>
</ebbpmsg:MessagePartNRInformation>
</ebbpmsg:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:06:02,247: INFO - =====
2016-03-05 13:06:02,253: DEBUG - Assign free vars
2016-03-05 13:06:02,258: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:02,269: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:02,279: INFO - < Rivet finished successfully
2016-03-05 13:06:02,287: INFO - -----
2016-03-05 13:06:02,293: INFO - > RUN RIVET 4
2016-03-05 13:06:02,298: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:02,306: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:02,311: INFO - -----
2016-03-05 13:06:02,316: INFO - Corner4 Received Payloads:
2016-03-05 13:06:02,321: INFO - Data
2016-03-05 13:06:02,336: INFO - originalSender: C1
2016-03-05 13:06:02,341: INFO - finalRecipient: C4
2016-03-05 13:06:02,346: INFO - refToMessageId: null
2016-03-05 13:06:02,355: INFO - conversationId: 561307
2016-03-05 13:06:02,362: INFO - messageId: a0ab6a87-9991-4595-abae-ca2589081bba@mindentestbed.org
2016-03-05 13:06:02,367: INFO - to: flame-c3
2016-03-05 13:06:02,375: INFO - from: null
```

```
2016-03-05 13:06:02,383: INFO - pModeId: null
2016-03-05 13:06:02,402: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:06:02,408: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:06:02,413: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:06:02,419: INFO - <min><der>sample</der></min>
2016-03-05 13:06:02,426: INFO - -----
2016-03-05 13:06:02,435: DEBUG - Assign free vars
2016-03-05 13:06:02,455: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:02,460: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:02,465: INFO - < Rivet finished sucessfully
2016-03-05 13:06:02,475: INFO - -----
2016-03-05 13:06:02,483: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA05

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA05
<b>Test Case:</b>	eSENS_TA05_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
----------------	--

## Test Assertion Details

<b>TAID:</b>	eSENS_TA05
<b>Target:</b>	Payload location
<b>Normative Source:</b>	[e-SENS] "Due to the mandatory use of AS4 compression (see paragraph below), XML Payloads are exchanged as compressed binary data, which is carried in separate MIME parts and not in the SOAP Body. Therefore, AS4 messages based on this profile always have an empty SOAP Body."
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	<ul style="list-style-type: none"><li>• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile. (One-Way/Push MEP)</li><li>• Producer submits a message with metadata information and an XML payload to the SSMH.</li><li>• SSMH generates an AS4 message to send to the RSMH.</li></ul>
<b>Predicate:</b>	In the AS4 message created by the SSMH, the compressed payload is carried in a separate MIME part and the soap body is empty.
<b>Variables:</b>	
<b>Tag:</b>	Payload packaging

# Log

```
2016-03-05 13:06:04,594: INFO - Start Test
2016-03-05 13:06:04,600: INFO - Initialize test case
2016-03-05 13:06:04,611: DEBUG - Parameters
2016-03-05 13:06:04,616: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:06:04,622: INFO - > Initialize the Adapters
2016-03-05 13:06:04,627: INFO - Call start test on NULLWRAPPER
2016-03-05 13:06:04,632: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:06:04,637: INFO - Call start test on as4-adapter
2016-03-05 13:06:04,647: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:06:04,654: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:04,659: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:04,665: INFO - Call start test on genericAS4Corner4
2016-03-05 13:06:04,671: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:06:04,678: INFO - Call start test on genericAS4Corner1
2016-03-05 13:06:04,684: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:06:04,690: INFO - > RUN RIVET 0
2016-03-05 13:06:04,696: DEBUG - Assign free vars
2016-03-05 13:06:04,702: INFO - Corner 2 flame-c2
2016-03-05 13:06:04,707: INFO - Corner 3 flame-c3
2016-03-05 13:06:04,736: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:04,742: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:04,747: INFO - < Rivet finished successfully
2016-03-05 13:06:04,753: INFO - -----

2016-03-05 13:06:04,758: INFO - > RUN RIVET 1
2016-03-05 13:06:04,763: DEBUG - Assign free vars
2016-03-05 13:06:04,769: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:05,506: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:05,512: INFO - < Rivet finished successfully
2016-03-05 13:06:05,517: INFO - -----

2016-03-05 13:06:05,522: INFO - > RUN RIVET 2
2016-03-05 13:06:05,528: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:08,171: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:08,177: INFO - C2 AS4 Message
2016-03-05 13:06:08,187: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-14571760106401902790777">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:06:50.160Z</eb:Timestamp>
<eb:MessageId>b1ccbfea-ddd3-42d4-b7b8-945e687d086c@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>105305</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">105305</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">b1ccbfea-ddd3-42d4-b7b8-945e687d086c@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:06:08,200: INFO - Verify And Decrypt Soap Message
2016-03-05 13:06:08,260: INFO - We had only one attachment. Check it to see that it is really our payload
2016-03-05 13:06:08,267: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:06:08,273: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:06:08,279: DEBUG - Assign free vars
2016-03-05 13:06:08,285: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:12,485: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:12,491: INFO - < Rivet finished successfully
2016-03-05 13:06:12,496: INFO - -----

2016-03-05 13:06:12,501: INFO - > RUN RIVET 3
2016-03-05 13:06:12,506: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
```



```
2016-03-05 13:06:12,581: INFO - < Rivet finished sucessfully
2016-03-05 13:06:12,586: INFO - -----

2016-03-05 13:06:12,591: INFO - > RUN RIVET 4
2016-03-05 13:06:12,599: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:12,607: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:12,615: INFO - -----
2016-03-05 13:06:12,628: INFO - Corner4 Received Payloads:
2016-03-05 13:06:12,633: INFO - Data
2016-03-05 13:06:12,639: INFO - originalSender: C1
2016-03-05 13:06:12,646: INFO - finalRecipient: C4
2016-03-05 13:06:12,651: INFO - refToMessageId: null
2016-03-05 13:06:12,660: INFO - conversationId: 105305
2016-03-05 13:06:12,666: INFO - messageId: b1ccbfea-ddd3-42d4-b7b8-945e687d086c@mindertestbed.org
2016-03-05 13:06:12,671: INFO - to: flame-c3
2016-03-05 13:06:12,677: INFO - from: null
2016-03-05 13:06:12,682: INFO - pModeId: null
2016-03-05 13:06:12,698: INFO - xmlhttppayload@minder type: application/octet-stream.
2016-03-05 13:06:12,704: INFO - <min><der>sample</der></min>
2016-03-05 13:06:12,715: INFO - -----
2016-03-05 13:06:12,720: DEBUG - Assign free vars
2016-03-05 13:06:12,726: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:12,732: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:12,747: INFO - < Rivet finished sucessfully
2016-03-05 13:06:12,754: INFO - -----

2016-03-05 13:06:12,760: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA06

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA06
<b>Test Case:</b>	eSENS_TA06_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
----------------	--

## Test Assertion Details

**TAID:** eSENS\_TA06

**Target:** Payload location

**Normative Source:** [e-SENS] "Due to the mandatory use of AS4 compression (see paragraph below), XML Payloads are exchanged as compressed binary data, which is carried in separate MIME parts and not in the SOAP Body. Therefore, AS4 messages based on this profile always have an empty SOAP Body." And "A single AS4 UserMessage must reference, via the PayloadInfo header, a single structured business document and may reference one or more other (structured or unstructured) payload parts. The business document is considered the "leading" payload part for business processing."

**Prescription Level:** Mandatory

**Prerequisite:** • SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile. (One-Way/Push MEP) • Producer submits a message to the SSMH with metadata information, an XML payload (leading business document) and other payloads (XML and non XML). • SSMH generates an AS4 message to send to the RSMH.

**Predicate:** In the AS4 message created by the SSMH, the compressed payloads are carried in separate MIME parts and the soap body is empty.

**Variables:**

**Tag:** Payload packaging

# Log

```
2016-03-05 13:06:14,813: INFO - Start Test
2016-03-05 13:06:14,818: INFO - Initialize test case
2016-03-05 13:06:14,830: DEBUG - Parameters
2016-03-05 13:06:14,836: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:06:14,841: INFO - > Initialize the Adapters
2016-03-05 13:06:14,847: INFO - Call start test on NULLWRAPPER
2016-03-05 13:06:14,853: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:06:14,858: INFO - Call start test on as4-adapter
2016-03-05 13:06:14,868: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:06:14,876: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:14,881: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:14,887: INFO - Call start test on genericAS4Corner4
2016-03-05 13:06:14,894: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:06:14,900: INFO - Call start test on genericAS4Corner1
2016-03-05 13:06:14,907: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:06:14,913: INFO - > RUN RIVET 0
2016-03-05 13:06:14,919: DEBUG - Assign free vars
2016-03-05 13:06:14,925: INFO - Corner 2 flame-c2
2016-03-05 13:06:14,930: INFO - Corner 3 flame-c3
2016-03-05 13:06:14,953: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:14,958: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:14,963: INFO - < Rivet finished successfully
2016-03-05 13:06:14,968: INFO - -----

2016-03-05 13:06:14,973: INFO - > RUN RIVET 1
2016-03-05 13:06:14,978: DEBUG - Assign free vars
2016-03-05 13:06:14,984: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:16,065: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:16,070: INFO - < Rivet finished successfully
2016-03-05 13:06:16,076: INFO - -----

2016-03-05 13:06:16,081: INFO - > RUN RIVET 2
2016-03-05 13:06:16,086: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:19,179: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:19,184: INFO - C2 AS4 Message
2016-03-05 13:06:19,199: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176021669-200377088">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:01.221Z</eb:Timestamp>
<eb:MessageId>26fb8293-09c2-439f-9f23-b66cca03b137@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>994124</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">994124</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA06</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">26fb8293-09c2-439f-9f23-b66cca03b137@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload2@minder</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="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
```



```
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:06:19,206: INFO - Verify And Decrypt Soap Message
2016-03-05 13:06:19,278: INFO - We had only one attachment. Check it to see that it is really our payload
2016-03-05 13:06:19,309: INFO - Attachment ID: <xmlpayload2@minder>, MimeType: application/gzip
2016-03-05 13:06:19,315: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:06:19,320: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:06:19,327: DEBUG - Assign free vars
2016-03-05 13:06:19,332: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:23,989: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:23,994: INFO - < Rivet finished successfully
2016-03-05 13:06:23,999: INFO - -----

2016-03-05 13:06:24,005: INFO - > RUN RIVET 3
2016-03-05 13:06:24,010: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:06:24,015: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:06:24,022: INFO - Received Receipt: 1457175984022
2016-03-05 13:06:24,034: INFO - RECEIPT
2016-03-05 13:06:24,039: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
env:mustUnderstand="true">
<wsse:BinarySecurityToken xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-
14571760272871122641450">MIIDWTCCAkgAwIBAgIeLokpPjANBgkqhkiG9w0BAQsFADBMQswCQYDVQQGEwJVFTEOMAwGA1UECBMzYmVudXUxZjAMBGNVBAcTBWZsYW1lMQ4wDAYDV
QQKEwVmbGFtZTEOMAwGA1UECjFzZG90b3R0Zj5/AsqMgobx0kg3Nk3eXCP3pbw6o5c4lB4k+y1xSKTdlE91YUUVb/49hFyKwIiVwupoj/NZGk9zJmMrvsRk+y1xYfg47DDx/Ghr7R4IX36
ZeZmktjWZeGjHedQXlIasSugIRARSG3RZ0j5/AsqMgobx0kg3Nk3eXCP3pbw6o5c4lB4k+y1xSKTdlE91YUUVb/49hFyKwIiVwupoj/NZGk9zJmMrvsRk+y1xYfg47DDx/Ghr7R4IX36
dlyHhoedCU/74eFPuii77Uxfsf3x925cqKq4fi4aRwKXs0YDYUyL5aXXks2DfVcYrcpUc/2gdvVX8R1eQPPY+2XYVcVw4r/L90BaLK0vDDRlVXHiodxgH357aMYJGyuPFaNBxYGwe
j5mx7jqKnLJuJ6mC1x0/PVmff03D8CzcK4Y10AZJtsCAWAAaMhMB8wH0YDVR00BBYFAA5jtdcYahsH087WYKQVQRktPn+MA0GCSqGSIb3DQEBwUAA4IBAQAAdpC+qzMii00CAsEzEke
eNE7qj3aSMKnmxfIIMCz0kka+ffhpdJqjSKMTL5Z55FZ22cEmLwGtVLP3+zKmv1qea4Y0c1RQsFtYVl8KB/A6k0/KeLvfVixAZ7EkbAohSvUgXjjio81BPZKz31L9BPBEkxR4ITGc+Kw
e8pyu8dgrzJvzarCDVeGLR0UWb15QNMaFYpG4LTONTKG61dJAxSLX0eQWFDco3W9q0F93b+NinSW+BNY1bvguHcv3qLhYVDLWANS77Ind5+jp5JGRHH/+DY0ih/ePtFU2tII06+xc4a
mDFcN/XN3gqcwjtXagQlaomS14ssvxxquGoL</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-1457176027287-1898850518">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#XWSSGID-1457176027289828753826">
<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=tMkpLIIGWw1toUcX4nwKMMwRdWY628y2eu7xYULDLw=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-14571760272892122206207">
<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=NfSmlacTMyKVUvUgLUdLsoFKii7MxoEenVQrPcj0QA=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue=DlAt7PyriKUCWgljThZG5Cmgmg1bTi/mf0cMeH4HoZ50c6hmL0dXhlyYpWl36MnsLXTRz6cULU
F8bEdYddJ0/GZ1aaSfIxLtGmuILKWDVlh5tsvSpw4c100pIYpB3rXQhm7nhJ5PzHmeKRC7mjxp9N
hAkeAxzh5Y8trRwRuhSfNKKRump+Lmc9ZUY2IKtld+7ZHE7dhlXUSi0ClS1bJ2T/LOTLC9jLYAt
I7WibKPhkUgpB0FbJU7d9Wba/Ltx6GL5qsFiudjVLFHJJPzajRv6nvpmkx8GDGfORrdm+oUCXt6
WJ+YSC7TnSNWP27w2Z1ijNXN5xiWR3F3HAHsGQ=</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-1457176027288237056824">
<wsse:Reference URI="#XWSSGID-14571760272871122641450"
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>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
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"
wsu:Id="XWSSGID-1457176027289828753826">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:07.277Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130703.623-0.21157078300775845@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>26fb8293-09c2-439f-9f23-b66cca03b137@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbsig:NonRepudiationInformation xmlns:ebbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176021669-200377088">
<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=WOIZ4jbuwDXz6g8YPA0cfj/zK6D/QdE2snrjrBiHvZA=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571760216711510941487">
<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=2v70BiqPKuUngIA+5W0EzRLwMr+Z+kq1L4rGxs981E=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload2@minder">
```

```
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>UbmY5CWJKXcy1MPt54+wFeYbjnWYqr000ig7w2Vs=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>r7CBjboV5qfQ1j53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:06:24,045: INFO - =====
2016-03-05 13:06:24,051: DEBUG - Assign free vars
2016-03-05 13:06:24,057: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:24,080: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:24,085: INFO - < Rivet finished successfully
2016-03-05 13:06:24,090: INFO - -----

2016-03-05 13:06:24,095: INFO - > RUN RIVET 4
2016-03-05 13:06:24,100: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:06:26,286: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:06:26,292: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:06:26,297: INFO - Receipt
2016-03-05 13:06:26,303: INFO - 26fb8293-09c2-439f-9f23-b66cca03b137@mindertestbed.org
2016-03-05 13:06:26,308: INFO - null
2016-03-05 13:06:26,313: INFO - null
2016-03-05 13:06:26,319: DEBUG - Assign free vars
2016-03-05 13:06:26,325: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:26,331: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:26,336: INFO - < Rivet finished successfully
2016-03-05 13:06:26,342: INFO - -----

2016-03-05 13:06:26,347: INFO - > RUN RIVET 5
2016-03-05 13:06:26,352: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:26,358: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:26,363: INFO - -----
2016-03-05 13:06:26,368: INFO - Corner4 Received Payloads:
2016-03-05 13:06:26,374: INFO - Data
2016-03-05 13:06:26,379: INFO - originalSender: C1
2016-03-05 13:06:26,384: INFO - finalRecipient: C4
2016-03-05 13:06:26,390: INFO - refToMessageId: null
2016-03-05 13:06:26,395: INFO - conversationId: 994124
2016-03-05 13:06:26,400: INFO - messageId: 26fb8293-09c2-439f-9f23-b66cca03b137@mindertestbed.org
2016-03-05 13:06:26,406: INFO - to: flame-c3
2016-03-05 13:06:26,411: INFO - from: null
2016-03-05 13:06:26,417: INFO - pModeId: null
2016-03-05 13:06:26,424: INFO - xmlpayload2@minder type: application/octet-stream.
2016-03-05 13:06:26,430: INFO - <another>XML Document</another>
2016-03-05 13:06:26,435: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:06:26,440: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:06:26,446: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:06:26,451: INFO - <min><der>sample</der></min>
2016-03-05 13:06:26,456: INFO - -----
2016-03-05 13:06:26,461: DEBUG - Assign free vars
2016-03-05 13:06:26,467: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:26,473: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:26,478: INFO - < Rivet finished successfully
2016-03-05 13:06:26,484: INFO - -----

2016-03-05 13:06:26,489: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA07

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA07
<b>Test Case:</b>	eSENS_TA07_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA07
<b>Target:</b>	Payload processing
<b>Normative Source:</b>	[e-SENS] "A single AS4 UserMessage must reference, via the PayloadInfo header, a single structured business document and may reference one or more other (structured or unstructured) payload parts. The business document is considered the "leading" payload part for business processing. Any payload parts other than the business document are not to be processed in isolation but only as adjuncts to the business document."
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	• eSENS_TA06 • SSMH sends an AS4 message to the RMSH.
<b>Predicate:</b>	The RMSH successfully processes the AS4 message and sends a non-repudiation receipt to the SSMH.
<b>Variables:</b>	
<b>Tag:</b>	Payload packaging

# Log

```
2016-03-05 13:06:28,543: INFO - Start Test
2016-03-05 13:06:28,548: INFO - Initialize test case
2016-03-05 13:06:28,562: DEBUG - Parameters
2016-03-05 13:06:28,568: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:06:28,573: INFO - > Initialize the Adapters
2016-03-05 13:06:28,579: INFO - Call start test on NULLWRAPPER
2016-03-05 13:06:28,585: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:06:28,590: INFO - Call start test on as4-adapter
2016-03-05 13:06:28,602: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:06:28,612: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:28,617: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:28,622: INFO - Call start test on genericAS4Corner4
2016-03-05 13:06:28,629: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:06:28,635: INFO - Call start test on genericAS4Corner1
2016-03-05 13:06:28,641: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:06:28,647: INFO - > RUN RIVET 0
2016-03-05 13:06:28,652: DEBUG - Assign free vars
2016-03-05 13:06:28,658: INFO - Corner 2 flame-c2
2016-03-05 13:06:28,663: INFO - Corner 3 flame-c3
2016-03-05 13:06:28,688: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:28,694: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:28,699: INFO - < Rivet finished successfully
2016-03-05 13:06:28,704: INFO - -----

2016-03-05 13:06:28,710: INFO - > RUN RIVET 1
2016-03-05 13:06:28,715: DEBUG - Assign free vars
2016-03-05 13:06:28,721: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:29,380: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:29,385: INFO - < Rivet finished successfully
2016-03-05 13:06:29,391: INFO - -----

2016-03-05 13:06:29,396: INFO - > RUN RIVET 2
2016-03-05 13:06:29,401: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:32,518: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:32,524: INFO - C2 AS4 Message
2016-03-05 13:06:32,548: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176034992-813185913">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:14.496Z</eb:Timestamp>
<eb:MessageId>4b4459b5-2c66-489c-a856-b77a08c67a02@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>372800</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">372800</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA08</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">4b4459b5-2c66-489c-a856-b77a08c67a02@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload2@minder</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="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
```

```
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:06:32,555: INFO - Verify And Decrypt Soap Message
2016-03-05 13:06:32,612: INFO - We had only one attachment. Check it to see that it is really our payload
2016-03-05 13:06:32,645: INFO - Attachment ID: <xmldata2@minder>, MimeType: application/gzip
2016-03-05 13:06:32,651: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:06:32,656: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2016-03-05 13:06:32,662: DEBUG - Assign free vars
2016-03-05 13:06:32,667: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:36,842: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:36,847: INFO - < Rivet finished successfully
2016-03-05 13:06:36,852: INFO - -----

2016-03-05 13:06:36,857: INFO - > RUN RIVET 3
2016-03-05 13:06:36,863: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:06:36,868: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:06:36,874: INFO - Received Receipt: 1457175996874
2016-03-05 13:06:36,889: INFO - RECEIPT
2016-03-05 13:06:36,894: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
env:mustUnderstand="true">
<wsse:BinarySecurityToken xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-1457176040147-
1396162422">MIIDWTCcAKGgAwIBAgIELOkPjANBgkqhkiG9w0BAQsFADBMQSwCQDQVQ0QGEwJFVTEOMAAGA1UECBMFZmxbhWUxJdAMBGNVBAcTBWZsYW1lMQ4wDAYDVQQKEwVmbGFtZT
EOMAwGA1UECjFmZmxbhWUxJdAMBGNVBAcTBWZsYW1lMQ4wDAYDVQQDEwVmbGFtZTCCASlwdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAIem6nSt0SWUMx19vZeZmkTjWZeGjh
EdQXlIasUgTRARAgSGRZ0j5/AsqMgobx0kg3Nk3eXC3pBw6o5c41b4k+y1xSkTd1E91YVUvB/49hFyWkwiIvWupoJ/NZGk9zzJMMrvsRrK+yIyqFg47DDx/Ghr7R4IX36dLyBHoedCU1/7
4eFPuuu7T7Uxf3x925cqK4f14aRWkXs0YDYUyL5aXXks2DfVcYrcpnuC/2gdvX8R1eQPPY+2XYyVw4r/L9QBaLK0vDdrLVXhioDxgH357aMYJGyufANbYXGweJ5mx7jqKnlJuj
6mclX0/PVmf03D8Czck4Y10AazJtsCAwEAAMhMB8wHQYDVR0BBYEFaAsJtdCYahsH087WYKQVqRktPn+MA0GCSqGSIb3DQEBCwUAA4IBAQA0Pc+qzMiI00CAsEzekEeNE7qj3aSMKnx
mfY1INCz0kka+ffhpdJqjSKMTL5Z55FZZ2cEmLwGtVLP3+zKMLv1qea4Y0c1RQsFtVVL8KB/A6k0/KeLvFvIXAZ7EkbAoHsVUgXjji08LBPZKz31L9BpBEkxR4iGc+Kwe8pyu8dgrzJVz
arCDVeGLR0Uwb15QNMaFypG4LToTgK6IdjAxSLX0eQWfCo3Wx9q0F93b+NnSw+8NY1bvgeuHcv3qLhYVdLWANS71Ind5+jP5JGRHh/+DY0ih/ePtFU2tII0G+xc4amdFcN/XN3ggc
wjXagQlaomSt4ssvxxquGoL</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-1457176040147-135861700">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#XWSSGID-1457176040149618664040">
<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>SARZ9h/C0ofeB6V9b5iG2wdabkiY3ilxCzFRKMs9BQ0=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-1457176040149-1777395734">
<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>dktyyn2DoJDxEMmqVgdny6lFyWPGPWOKDSE5vHToYE=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>hnlmLfkfSvUt4bidRKUWXbjEymMk1QI8af4SDhN00U98F0HYwPL2DNYb/vQ8mBz1N7daGc7J
LYhh00uHNBpZ8lmm2TWxLWnD/63mYd7GhnUkWT6inQ3/AKsKyHoz1Aw1i3MzI7L/jUB2jU4wFR
GNUjif9seRo4F+bqL5dGZs2RdjVRaErZ4tnsVAgzgFCALHf7G6PN6E0+svWY6/Y0JaGsEcG6
Xdh9CeJAKC00Uy4WrzvwntjQXPxLmP5sPxcVvHpggrxiJTtx0nelIKkawZvQUSCXIhZpLSIY/
c9skZuz149/tetjNZUWFRf9tAXNsZc6nEBtFA==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-1457176040148985275883">
<wsse:Reference URI="#XWSSGID-1457176040147-1396162422"
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>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
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"
wsu:Id="XWSSGID-1457176040149618664040">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:20.135Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130716.516-0.37861051732725415@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>4b4459b5-2c66-489c-a856-b77a08c67a02@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbsig:NonRepudiationInformation xmlns:ebbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176034992-813185913">
<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>q88tQZlxjLEtMsodVAFjI8h/dnsN4jZZPy6dJ/gGAk=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176034994213206340">
<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>HF14Eqjw/CR/tren3N65ERcaQascSCVf1nqmg16Udc=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmldata2@minder">
```

```
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>UbmY5CWJKXcy1MPt54+wFeYbjnIyqr000ig7w2Vs=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>r7CBJboV5qfQ1j53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:06:36,899: INFO - =====
2016-03-05 13:06:36,905: DEBUG - Assign free vars
2016-03-05 13:06:36,910: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:36,920: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:36,928: INFO - < Rivet finished successfully
2016-03-05 13:06:36,935: INFO - -----

2016-03-05 13:06:36,941: INFO - > RUN RIVET 4
2016-03-05 13:06:36,946: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:06:39,164: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:06:39,170: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:06:39,175: INFO - Receipt
2016-03-05 13:06:39,181: INFO - 4b4459b5-2c66-489c-a856-b77a08c67a02@mindertestbed.org
2016-03-05 13:06:39,186: INFO - null
2016-03-05 13:06:39,209: INFO - null
2016-03-05 13:06:39,215: DEBUG - Assign free vars
2016-03-05 13:06:39,220: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:39,226: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:39,231: INFO - < Rivet finished successfully
2016-03-05 13:06:39,236: INFO - -----

2016-03-05 13:06:39,242: INFO - > RUN RIVET 5
2016-03-05 13:06:39,247: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:39,252: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:39,258: INFO - -----
2016-03-05 13:06:39,263: INFO - Corner4 Received Payloads:
2016-03-05 13:06:39,268: INFO - Data
2016-03-05 13:06:39,273: INFO - originalSender: C1
2016-03-05 13:06:39,279: INFO - finalRecipient: C4
2016-03-05 13:06:39,284: INFO - refToMessageId: null
2016-03-05 13:06:39,289: INFO - conversationId: 372800
2016-03-05 13:06:39,295: INFO - messageId: 4b4459b5-2c66-489c-a856-b77a08c67a02@mindertestbed.org
2016-03-05 13:06:39,300: INFO - to: flame-c3
2016-03-05 13:06:39,305: INFO - from: null
2016-03-05 13:06:39,311: INFO - pModeId: null
2016-03-05 13:06:39,321: INFO - xmlpayload2@minder type: application/octet-stream.
2016-03-05 13:06:39,326: INFO - <another>XML Document</another>
2016-03-05 13:06:39,332: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:06:39,337: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:06:39,343: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:06:39,348: INFO - <min><der>sample</der></min>
2016-03-05 13:06:39,353: INFO - -----
2016-03-05 13:06:39,359: DEBUG - Assign free vars
2016-03-05 13:06:39,364: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:39,370: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:39,376: INFO - < Rivet finished successfully
2016-03-05 13:06:39,381: INFO - -----

2016-03-05 13:06:39,387: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA09

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA09
<b>Test Case:</b>	eSENS_TA09_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:04:59
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA09
<b>Target:</b>	Payload location
<b>Normative Source:</b>	[e-SENS] "The ebMS3 mechanism of supporting "external" payloads via hyperlink references (as mentioned in section 5.2.2.12 of the ebMS3 Core Specification [EBMS3]) must not be used."
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	<ul style="list-style-type: none"><li>• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).</li><li>• SSMH is simulated to send an AS4 user message with a payload hyperlink reference.</li></ul>
<b>Predicate:</b>	The RSMH sends back a synchronous ebMS error message.
<b>Variables:</b>	
<b>Tag:</b>	Payload reference

# Log

```
2016-03-05 13:06:41,440: INFO - Start Test
2016-03-05 13:06:41,445: INFO - Initialize test case
2016-03-05 13:06:41,456: DEBUG - Parameters
2016-03-05 13:06:41,462: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:06:41,467: INFO - > Initialize the Adapters
2016-03-05 13:06:41,473: INFO - Call start test on NULLWRAPPER
2016-03-05 13:06:41,478: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:06:41,484: INFO - Call start test on as4-adapter
2016-03-05 13:06:41,494: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:06:41,506: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:41,511: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:06:41,517: INFO - Call start test on genericAS4Corner1
2016-03-05 13:06:41,523: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:06:41,529: INFO - > RUN RIVET 0
2016-03-05 13:06:41,534: DEBUG - Assign free vars
2016-03-05 13:06:41,540: INFO - Corner 2 flame-c2
2016-03-05 13:06:41,546: INFO - Corner 3 flame-c3
2016-03-05 13:06:41,567: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:41,572: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:41,577: INFO - < Rivet finished successfully
2016-03-05 13:06:41,583: INFO - -----

2016-03-05 13:06:41,588: INFO - > RUN RIVET 1
2016-03-05 13:06:41,593: DEBUG - Assign free vars
2016-03-05 13:06:41,599: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:42,634: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:06:42,640: INFO - < Rivet finished successfully
2016-03-05 13:06:42,645: INFO - -----

2016-03-05 13:06:42,651: INFO - > RUN RIVET 2
2016-03-05 13:06:42,656: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:45,447: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:06:45,452: INFO - C2 AS4 Message
2016-03-05 13:06:45,461: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176047964-225160115">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:27.492Z</eb:Timestamp>
<eb:MessageId>c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb>Action>ACT_SIMPLE_ONEWAY</eb>Action>
<eb:ConversationId>303285</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">303285</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA09</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:06:45,467: INFO - C2 AS4 Security Header
2016-03-05 13:06:45,474: 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:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
```





```
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yQd8JU9CgV+e+tbF0U3wVj/I811CUMDveI8Lp5J14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Ia6y2kg0eL00jIQMR9l8KMro0iWZ+bCsTcMoE0K9iWLS8gH1zPUvbrNOCEoTJe3sjpF/qoivt+XG
a64SksIbD3k0iIgcZKL+SaAfZLFNRfb/JI3EVGPn7KNSfmghNyzk3kDr8H5bNDxeAKEcgLELXmxE
x8DQPz3yiBxjPc1vlfhHqIS0ilSivP1kwW510iDw134KEQULh2ueLpGkFAL5mqLsd6b5a3I5xQ
T7L60MgPhaRbW9rIL2ZjpEA6gf4dJ6SSv3fZL4zocLDG20j/Nkw9vxb3+0wk4xN3glZ02bF6r/K
7Glim069g7XcVUX+cnfv/KWigLONBu+79Dpe0w==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-1457176047943-1166319744">
<wsse:Reference URI="#XWSSGID-1457176047842-1127829001"
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>
2016-03-05 13:06:45,480: INFO - -----
2016-03-05 13:06:45,485: INFO - AS4 message id: c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindertestbed.org
2016-03-05 13:06:45,560: INFO - Soap Message After Modification
2016-03-05 13:06:45,565: INFO - -----
2016-03-05 13:06:45,572: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176047964-225160115">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:27.492Z</eb:Timestamp>
<eb:MessageId>c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>303285</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">303285</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA09</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindertestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="http://www.w3schools.com/xml/cd_catalog.xml"/>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:06:45,577: INFO - -----
2016-03-05 13:06:45,696: DEBUG - Assign free vars
2016-03-05 13:06:45,701: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:46,619: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:06:46,624: INFO - < Rivet finished successfully
2016-03-05 13:06:46,630: INFO - -----
2016-03-05 13:06:46,635: INFO - > RUN RIVET 3
2016-03-05 13:06:46,640: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:06:46,645: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:06:46,651: INFO - Received Receipt: 1457176006651
2016-03-05 13:06:46,663: INFO - RECEIPT
2016-03-05 13:06:46,668: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:29.960Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130729.561-0.7791719152427838@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Processing"
errorCode="EBMS:0102"
origin="ebMS"
refToMessageInError="c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindertestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">Message verification, authorisation, or decryption failed: com.sun.xml.wss.impl.WssSoapFaultException: Invalid
Security Header</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: Message verification, authorisation, or decryption failed:
com.sun.xml.wss.impl.WssSoapFaultException: Invalid Security Header
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:686)
at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511)
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
```

```
at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
at java.lang.Thread.run(Thread.java:745)
Caused by: com.sun.xml.wss.XWSException: com.sun.xml.wss.impl.WssSoapFaultException: Invalid Security Header
at com.sun.xml.wss.impl.misc.XWSSProcessor2_0Impl.verifyInboundMessage(XWSSProcessor2_0Impl.java:158)
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.verifyAndDecrypt(PackageManager.java:1455)
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.securityPass(PackageManager.java:2308)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:665)
... 5 more
Caused by: com.sun.xml.wss.impl.WssSoapFaultException: Invalid Security Header
at com.sun.xml.wss.impl.SecurableSoapMessage.newSOAPFaultException(SecurableSoapMessage.java:350)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptElementWithCipher(DecryptionProcessor.java:1011)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedData(DecryptionProcessor.java:589)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptReferenceList(DecryptionProcessor.java:364)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedKey(DecryptionProcessor.java:279)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decrypt(DecryptionProcessor.java:157)
at com.sun.xml.wss.impl.filter.EncryptionFilter.process(EncryptionFilter.java:524)
at com.sun.xml.wss.impl.SecurityRecipient.pProcessOnce(SecurityRecipient.java:1214)
at com.sun.xml.wss.impl.SecurityRecipient.pProcess(SecurityRecipient.java:1283)
at com.sun.xml.wss.impl.SecurityRecipient.processMessagePolicy(SecurityRecipient.java:782)
at com.sun.xml.wss.impl.SecurityRecipient.validateMessage(SecurityRecipient.java:261)
at com.sun.xml.wss.impl.misc.XWSSProcessor2_0Impl.verifyInboundMessage(XWSSProcessor2_0Impl.java:156)
... 8 more
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:06:46,673: INFO - =====
2016-03-05 13:06:46,683: DEBUG - Assign free vars
2016-03-05 13:06:46,688: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:46,699: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:06:46,705: INFO - < Rivet finished successfully
2016-03-05 13:06:46,710: INFO - -----

2016-03-05 13:06:46,718: INFO - > RUN RIVET 4
2016-03-05 13:06:46,723: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:06:58,930: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:06:58,936: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:06:58,941: INFO - Error
2016-03-05 13:06:58,947: INFO - c74c3a5a-5bd9-48bc-a883-2d4644054c6e@mindentestbed.org
2016-03-05 13:06:58,952: INFO - null
2016-03-05 13:06:58,957: INFO - null
2016-03-05 13:06:58,963: DEBUG - Assign free vars
2016-03-05 13:06:58,969: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:06:58,974: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:06:58,980: INFO - < Rivet finished successfully
2016-03-05 13:06:58,985: INFO - -----

2016-03-05 13:06:58,990: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA10

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA10
<b>Test Case:</b>	eSENS_TA10_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

**TAID:** eSENS\_TA10

**Target:** Message reliability

**Normative Source:** [e-SENS] "This profile requires the use of the AS4 Reception Awareness feature. This feature provides a built-in Retry mechanism that can help overcome temporary network or other issues and detection of message duplicates. •The parameter PMode[1].ReceptionAwareness must be set to true. •The parameter PMode[1].ReceptionAwareness.Retry must be set to true. •The parameter PMode[1].ReceptionAwareness.DuplicateDetection must be set to true. The parameters PMode[1].ReceptionAwareness.Retry.Parameters and related PMode[1].ReceptionAwareness.DuplicateDetection.Parameters are sets of parameters configuring retries and duplicate detection. These parameters are not fully specified in [AS4] and implementation-dependent. Products must support configuration of parameters for retries and duplicate detection."

**Prescription Level:** Mandatory

**Prerequisite:** • SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP). • Simulate the RSMH to not send receipts (can be done by intercepting the receipts). • SSMH tries to send an AS4 User Message to the RSMH.

**Predicate:** The SSMH retries to send the AS4 User Message (at least once).

**Variables:**

**Tag:** Reception Awareness

# Log

```
2016-03-05 13:07:01,071: INFO - Start Test
2016-03-05 13:07:01,076: INFO - Initialize test case
2016-03-05 13:07:01,088: DEBUG - Parameters
2016-03-05 13:07:01,093: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:07:01,099: INFO - > Initialize the Adapters
2016-03-05 13:07:01,104: INFO - Call start test on NULLWRAPPER
2016-03-05 13:07:01,109: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:07:01,115: INFO - Call start test on as4-adapter
2016-03-05 13:07:01,126: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:07:01,132: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:07:01,138: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:07:01,143: INFO - Call start test on genericAS4Corner4
2016-03-05 13:07:01,149: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:07:01,155: INFO - Call start test on genericAS4Corner1
2016-03-05 13:07:01,160: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:07:01,167: INFO - > RUN RIVET 0
2016-03-05 13:07:01,173: DEBUG - Assign free vars
2016-03-05 13:07:01,179: INFO - Corner 2 flame-c2
2016-03-05 13:07:01,184: INFO - Corner 3 flame-c3
2016-03-05 13:07:01,215: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:01,220: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:01,226: INFO - < Rivet finished successfully
2016-03-05 13:07:01,231: INFO - -----

2016-03-05 13:07:01,236: INFO - > RUN RIVET 1
2016-03-05 13:07:01,241: DEBUG - Assign free vars
2016-03-05 13:07:01,246: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:07:02,289: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:07:02,294: INFO - < Rivet finished successfully
2016-03-05 13:07:02,300: INFO - -----

2016-03-05 13:07:02,305: INFO - > RUN RIVET 2
2016-03-05 13:07:02,310: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:04,962: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:04,968: INFO - Received message #1 from C2
2016-03-05 13:07:04,973: INFO - C2 AS4 Message
2016-03-05 13:07:04,991: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176067408-578941604">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:46.984Z</eb:Timestamp>
<eb:MessageId>d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>273835</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">273835</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA10</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:07:04,999: INFO - -----
2016-03-05 13:07:05,004: INFO - AS4 message id: d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org
2016-03-05 13:07:05,009: DEBUG - Assign free vars
2016-03-05 13:07:05,014: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:05,020: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:05,025: INFO - < Rivet finished successfully
2016-03-05 13:07:05,030: INFO - -----

2016-03-05 13:07:05,035: INFO - > RUN RIVET 3
2016-03-05 13:07:05,040: DEBUG - Assign free vars
```

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2016-03-05 13:07:05,045: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:05,056: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:05,061: INFO - < Rivet finished successfully
2016-03-05 13:07:05,066: INFO - -----

2016-03-05 13:07:05,071: INFO - > RUN RIVET 4
2016-03-05 13:07:05,076: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:17,668: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:17,673: INFO - Received message #2 from C2
2016-03-05 13:07:17,679: INFO - C2 AS4 Message
2016-03-05 13:07:17,689: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176080170-1045345040">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:07:59.745Z</eb:Timestamp>
<eb:MessageId>d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>273835</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">273835</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA10</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:07:17,695: INFO - -----
2016-03-05 13:07:17,701: INFO - AS4 message id: d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org
2016-03-05 13:07:17,706: DEBUG - Assign free vars
2016-03-05 13:07:17,711: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:17,717: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:17,722: INFO - < Rivet finished successfully
2016-03-05 13:07:17,727: INFO - -----

2016-03-05 13:07:17,732: INFO - > RUN RIVET 5
2016-03-05 13:07:17,738: DEBUG - Assign free vars
2016-03-05 13:07:17,743: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:17,756: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:17,761: INFO - < Rivet finished successfully
2016-03-05 13:07:17,767: INFO - -----

2016-03-05 13:07:17,772: INFO - > RUN RIVET 6
2016-03-05 13:07:17,777: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:30,266: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:30,271: INFO - Received message #3 from C2
2016-03-05 13:07:30,277: INFO - C2 AS4 Message
2016-03-05 13:07:30,292: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176092799-1251863599">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:08:12.346Z</eb:Timestamp>
<eb:MessageId>d90af237-39e3-49d7-a746-c2dc4b226ca5@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>273835</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">273835</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA10</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:07:30,297: INFO - -----
2016-03-05 13:07:30,303: INFO - AS4 message id: d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org
2016-03-05 13:07:30,308: DEBUG - Assign free vars
2016-03-05 13:07:30,313: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:30,318: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:30,323: INFO - < Rivet finished successfully
2016-03-05 13:07:30,329: INFO - -----

2016-03-05 13:07:30,334: INFO - > RUN RIVET 7
2016-03-05 13:07:30,339: DEBUG - Assign free vars
2016-03-05 13:07:30,344: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:30,356: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:30,361: INFO - < Rivet finished successfully
2016-03-05 13:07:30,366: INFO - -----

2016-03-05 13:07:30,371: INFO - > RUN RIVET 8
2016-03-05 13:07:30,377: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:42,961: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:42,966: INFO - Received message #4 from C2
2016-03-05 13:07:42,971: INFO - C2 AS4 Message
2016-03-05 13:07:42,981: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176105508-664667226">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:08:25.041Z</eb:Timestamp>
<eb:MessageId>d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>273835</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">273835</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA10</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:07:42,987: INFO - -----
2016-03-05 13:07:42,992: INFO - AS4 message id: d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org
2016-03-05 13:07:42,997: DEBUG - Assign free vars
2016-03-05 13:07:43,002: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
```





```
</eb:Messaging>
</env:Header>
2016-03-05 13:07:47,332: INFO - =====
2016-03-05 13:07:47,338: DEBUG - Assign free vars
2016-03-05 13:07:47,343: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:47,352: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:47,358: INFO - < Rivet finished sucessfully
2016-03-05 13:07:47,364: INFO - -----

2016-03-05 13:07:47,370: INFO - > RUN RIVET 10
2016-03-05 13:07:47,379: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:07:47,387: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:07:47,395: INFO - -----
2016-03-05 13:07:47,403: INFO - Corner4 Received Payloads:
2016-03-05 13:07:47,411: INFO - Data
2016-03-05 13:07:47,419: INFO - originalSender: C1
2016-03-05 13:07:47,427: INFO - finalRecipient: C4
2016-03-05 13:07:47,435: INFO - refToMessageId: null
2016-03-05 13:07:47,443: INFO - conversationId: 273835
2016-03-05 13:07:47,449: INFO - messageId: d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org
2016-03-05 13:07:47,455: INFO - to: flame-c3
2016-03-05 13:07:47,463: INFO - from: null
2016-03-05 13:07:47,470: INFO - pModeId: null
2016-03-05 13:07:47,508: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:07:47,513: INFO - <min><der>sample</der></min>
2016-03-05 13:07:47,519: INFO - -----
2016-03-05 13:07:47,524: DEBUG - Assign free vars
2016-03-05 13:07:47,529: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:47,534: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:47,539: INFO - < Rivet finished sucessfully
2016-03-05 13:07:47,544: INFO - -----

2016-03-05 13:07:47,550: INFO - > RUN RIVET 11
2016-03-05 13:07:47,555: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:07:49,594: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:07:49,600: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:07:49,605: INFO - Receipt
2016-03-05 13:07:49,610: INFO - d90af237-39e3-49d7-a746-c2dc4b226ca5@mindertestbed.org
2016-03-05 13:07:49,616: INFO - null
2016-03-05 13:07:49,621: INFO - null
2016-03-05 13:07:49,627: DEBUG - Assign free vars
2016-03-05 13:07:49,638: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:49,643: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:49,649: INFO - < Rivet finished sucessfully
2016-03-05 13:07:49,654: INFO - -----

2016-03-05 13:07:49,659: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA11

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA11
<b>Test Case:</b>	eSENS_TA11_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

**TAID:** eSENS\_TA11

**Target:** Message reliability

**Normative Source:** [e-SENS] "This profile requires the use of the AS4 Reception Awareness feature. This feature provides a built-in Retry mechanism that can help overcome temporary network or other issues and detection of message duplicates. The parameters PMode[1].ReceptionAwareness.Retry.Parameters and related PMode[1].ReceptionAwareness.DuplicateDetection.Parameters are sets of parameters configuring retries and duplicate detection. These parameters are not fully specified in [AS4] and implementation-dependent. Products must support configuration of parameters for retries and duplicate detection. "

**Prescription Level:** Mandatory

**Prerequisite:**

- SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).
- Network connection between SMSH and RMSH is blocked (RMSH not reachable) or prevent/simulate the RMSH to not send receipts.
- SMSH tries to send an AS4 User Message to the RMSH.
- Before a TIME\_OUT is reached network connection is restored (RMSH is able to send a non-repudiation receipt).

**Predicate:** The RMSH sends back an AS4 non-repudiation receipt to the SMSH and delivers only one message to the consumer and the SMSH stops resending the original AS4 User Message.

**Variables:** TIME\_OUT: deadline (in terms of time or number of retries) allocated for resending messages.

**Tag:** Reception Awareness

# Log

```
2016-03-05 13:07:51,711: INFO - Start Test
2016-03-05 13:07:51,717: INFO - Initialize test case
2016-03-05 13:07:51,732: DEBUG - Parameters
2016-03-05 13:07:51,737: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:07:51,742: INFO - > Initialize the Adapters
2016-03-05 13:07:51,748: INFO - Call start test on NULLWRAPPER
2016-03-05 13:07:51,754: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:07:51,759: INFO - Call start test on as4-adapter
2016-03-05 13:07:51,769: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:07:51,775: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:07:51,780: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:07:51,786: INFO - Call start test on genericAS4Corner4
2016-03-05 13:07:51,792: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:07:51,797: INFO - Call start test on genericAS4Corner1
2016-03-05 13:07:51,803: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:07:51,809: INFO - > RUN RIVET 0
2016-03-05 13:07:51,815: DEBUG - Assign free vars
2016-03-05 13:07:51,821: INFO - Corner 2 flame-c2
2016-03-05 13:07:51,826: INFO - Corner 3 flame-c3
2016-03-05 13:07:51,841: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:51,846: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:51,852: INFO - < Rivet finished successfully
2016-03-05 13:07:51,857: INFO - -----

2016-03-05 13:07:51,863: INFO - > RUN RIVET 1
2016-03-05 13:07:51,868: DEBUG - Assign free vars
2016-03-05 13:07:51,873: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:07:52,810: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:07:52,816: INFO - < Rivet finished successfully
2016-03-05 13:07:52,821: INFO - -----

2016-03-05 13:07:52,826: INFO - > RUN RIVET 2
2016-03-05 13:07:52,832: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:55,402: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:07:55,407: INFO - Received message #1 from C2
2016-03-05 13:07:55,413: INFO - C2 AS4 Message
2016-03-05 13:07:55,423: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176117933-841466255">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:08:37.493Z</eb:Timestamp>
<eb:MessageId>7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>989980</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">989980</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA11</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:07:55,430: INFO - -----
2016-03-05 13:07:55,436: INFO - AS4 message id: 7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org
2016-03-05 13:07:55,441: DEBUG - Assign free vars
2016-03-05 13:07:55,446: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:07:55,452: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:07:55,458: INFO - < Rivet finished successfully
2016-03-05 13:07:55,466: INFO - -----

2016-03-05 13:07:55,472: INFO - > RUN RIVET 3
2016-03-05 13:07:55,477: DEBUG - Assign free vars
```

```
2016-03-05 13:07:55,482: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:55,492: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:07:55,497: INFO - < Rivet finished successfully
2016-03-05 13:07:55,502: INFO - -----

2016-03-05 13:07:55,508: INFO - > RUN RIVET 4
2016-03-05 13:07:55,513: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:08,059: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:08,064: INFO - Received message #2 from C2
2016-03-05 13:08:08,069: INFO - C2 AS4 Message
2016-03-05 13:08:08,079: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-14571761304931612685436">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:08:50.080Z</eb:Timestamp>
<eb:MessageId>7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>989980</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">989980</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA11</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:08:08,085: INFO - -----
2016-03-05 13:08:08,090: INFO - AS4 message id: 7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org
2016-03-05 13:08:08,095: DEBUG - Assign free vars
2016-03-05 13:08:08,100: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:08,105: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:08,111: INFO - < Rivet finished successfully
2016-03-05 13:08:08,116: INFO - -----

2016-03-05 13:08:08,121: INFO - > RUN RIVET 5
2016-03-05 13:08:08,126: DEBUG - Assign free vars
2016-03-05 13:08:08,131: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:08,142: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:08,148: INFO - < Rivet finished successfully
2016-03-05 13:08:08,153: INFO - -----

2016-03-05 13:08:08,158: INFO - > RUN RIVET 6
2016-03-05 13:08:08,163: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:20,743: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:20,748: INFO - Received message #3 from C2
2016-03-05 13:08:20,754: INFO - C2 AS4 Message
2016-03-05 13:08:20,768: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176143281-716841724">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:02.875Z</eb:Timestamp>
<eb:MessageId>7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>989980</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">989980</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA11</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:08:20,774: INFO - -----
2016-03-05 13:08:20,780: INFO - AS4 message id: 7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org
2016-03-05 13:08:20,785: DEBUG - Assign free vars
2016-03-05 13:08:20,790: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:20,796: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:20,802: INFO - < Rivet finished successfully
2016-03-05 13:08:20,807: INFO - -----

2016-03-05 13:08:20,813: INFO - > RUN RIVET 7
2016-03-05 13:08:20,818: DEBUG - Assign free vars
2016-03-05 13:08:20,823: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:20,834: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:20,839: INFO - < Rivet finished successfully
2016-03-05 13:08:20,845: INFO - -----

2016-03-05 13:08:20,850: INFO - > RUN RIVET 8
2016-03-05 13:08:20,855: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:33,418: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:33,423: INFO - Received message #4 from C2
2016-03-05 13:08:33,429: INFO - C2 AS4 Message
2016-03-05 13:08:33,448: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176155903-137567578">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:15.473Z</eb:Timestamp>
<eb:MessageId>7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>989980</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">989980</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA11</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:08:33,453: INFO - -----
2016-03-05 13:08:33,459: INFO - AS4 message id: 7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org
2016-03-05 13:08:33,464: DEBUG - Assign free vars
2016-03-05 13:08:33,469: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
```



```
</eb:Messaging>
</env:Header>
2016-03-05 13:08:37,899: INFO - =====
2016-03-05 13:08:37,905: DEBUG - Assign free vars
2016-03-05 13:08:37,911: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:37,924: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:08:37,930: INFO - < Rivet finished sucessfully
2016-03-05 13:08:37,935: INFO - -----

2016-03-05 13:08:37,940: INFO - > RUN RIVET 10
2016-03-05 13:08:37,949: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:37,955: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:37,960: INFO - -----
2016-03-05 13:08:37,965: INFO - Corner4 Received Payloads:
2016-03-05 13:08:37,970: INFO - Data
2016-03-05 13:08:37,976: INFO - originalSender: C1
2016-03-05 13:08:37,981: INFO - finalRecipient: C4
2016-03-05 13:08:37,986: INFO - refToMessageId: null
2016-03-05 13:08:37,992: INFO - conversationId: 989980
2016-03-05 13:08:38,002: INFO - messageId: 7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org
2016-03-05 13:08:38,008: INFO - to: flame-c3
2016-03-05 13:08:38,013: INFO - from: null
2016-03-05 13:08:38,019: INFO - pModeId: null
2016-03-05 13:08:38,041: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:08:38,046: INFO - <min><der>sample</der></min>
2016-03-05 13:08:38,052: INFO - -----
2016-03-05 13:08:38,057: DEBUG - Assign free vars
2016-03-05 13:08:38,062: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:38,068: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:38,074: INFO - < Rivet finished sucessfully
2016-03-05 13:08:38,079: INFO - -----

2016-03-05 13:08:38,085: INFO - > RUN RIVET 11
2016-03-05 13:08:38,090: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:08:40,239: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:08:40,245: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:08:40,250: INFO - Receipt
2016-03-05 13:08:40,256: INFO - 7ff6a6bc-63b0-48d2-a6ef-98abb28baf6b@mindertestbed.org
2016-03-05 13:08:40,261: INFO - null
2016-03-05 13:08:40,266: INFO - null
2016-03-05 13:08:40,272: DEBUG - Assign free vars
2016-03-05 13:08:40,278: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:40,284: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:40,289: INFO - < Rivet finished sucessfully
2016-03-05 13:08:40,295: INFO - -----

2016-03-05 13:08:40,300: INFO - > Send finish message to all wrappers
```



# Test Report - eSENS\_TA13

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA13
<b>Test Case:</b>	eSENS_TA13_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

**TAID:** eSENS\_TA13

**Target:** Payload signature

**Normative Source:** [e-SENS] "This e-SENS AS4 profile uses the following AS4 parameters and values: •The PMode[1].Security.X509.Sign parameter must be set in accordance with section 5.1.4 and 5.1.5 of [AS4]. •The PMode[1].Security.X509.Signature.HashFunction parameter must be set to <http://www.w3.org/2001/04/xmlenc#sha256>. •The PMode[1].Security.X509.Signature.Algorithm parameter must be set to <http://www.w3.org/2001/04/xmldsig-more#rsa-sha256>." And "The PMode[1].Security.X509.Signature.Certificate parameter must be set to a value matching the certificate of the sender. The PMode[1].Security.X509.Encryption.Certificate parameter must be set to a value matching the certificate of the receiver."

**Prescription Level:** Mandatory

**Prerequisite:** • SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP). • Producer submits a message with metadata information and a payload to the SSMH. • SSMH sends an AS4 signed message to the RSMH.

**Predicate:** In the AS4 Message generated by the SSMH: - Signature Hash function parameter is set to <http://www.w3.org/2001/04/xmlenc#sha256> - Signature Algorithm parameter is set to <http://www.w3.org/2001/04/xmldsig-more#rsa-sha256> - Signature Certificate used is the certificate of the SSMH.

**Variables:**

**Tag:** Signature/Compression

# Log

```
2016-03-05 13:08:54,735: INFO - Start Test
2016-03-05 13:08:54,741: INFO - Initialize test case
2016-03-05 13:08:54,754: DEBUG - Parameters
2016-03-05 13:08:54,760: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:08:54,765: INFO - > Initialize the Adapters
2016-03-05 13:08:54,771: INFO - Call start test on NULLWRAPPER
2016-03-05 13:08:54,776: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:08:54,782: INFO - Call start test on as4-adapter
2016-03-05 13:08:54,799: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:08:54,805: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:08:54,811: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:08:54,816: INFO - Call start test on genericAS4Corner4
2016-03-05 13:08:54,822: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:08:54,828: INFO - Call start test on genericAS4Corner1
2016-03-05 13:08:54,834: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:08:54,840: INFO - > RUN RIVET 0
2016-03-05 13:08:54,845: DEBUG - Assign free vars
2016-03-05 13:08:54,851: INFO - Corner 2 flame-c2
2016-03-05 13:08:54,856: INFO - Corner 3 flame-c3
2016-03-05 13:08:54,886: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:08:54,891: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:08:54,897: INFO - < Rivet finished successfully
2016-03-05 13:08:54,902: INFO - -----

2016-03-05 13:08:54,907: INFO - > RUN RIVET 1
2016-03-05 13:08:54,912: DEBUG - Assign free vars
2016-03-05 13:08:54,917: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:55,874: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:08:55,880: INFO - < Rivet finished successfully
2016-03-05 13:08:55,885: INFO - -----

2016-03-05 13:08:55,890: INFO - > RUN RIVET 2
2016-03-05 13:08:55,895: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:58,631: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:08:58,637: INFO - C2 AS4 Message
2016-03-05 13:08:58,645: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176181261-1872173452">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:40.790Z</eb:Timestamp>
<eb:MessageId>5155c0f8-1910-460e-bd50-4f5057b96380@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>266477</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">266477</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_SIGNONLY</eb:Property>
<eb:Property name="TA_id">eSENS_TA13</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_SIGNONLY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">5155c0f8-1910-460e-bd50-4f5057b96380@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:08:58,650: INFO - C2 AS4 Security Header
2016-03-05 13:08:58,656: 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:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
```



```
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldoc#sha256"/>
<ds:DigestValue>rbMDR2++fDx7TnvrIXZQdHNIe9eg8y1IfZPM7Y6+Aeg=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-1457176186492-2080773609">
<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/xmldoc#sha256"/>
<ds:DigestValue>X7jzDN1+ueLkp8LJGVoW0BoFU6j+YU6pKShpd1KU+FU=</ds:DigestValue>
</ds:Reference>
<ds:SignedInfo>
<ds:SignatureValue>H0FB8HcXJn9Ir2tszE01EqJuIMLCqy/dZjCVtq6n4qYFLGXWZ83DvNQP6GaInfqnr01gCj6H0L+
m9vAilLVyZnbdRPrmVnqM0XLQ4L/hniQWhZaf4Bn8qNZ52ZuW4sFV7R9vGpLeeR07HgyQ5tMm0
JTRuLvcWhVaSBjilQ98dPMM+BsVhm3rbUpftgXjqnIB9WD7fAKsR+X0aoRLO8s5ATeiHmYw8Jw
qYzgMPxP5kPjzFftTICM2CxrVok/OaMJZJvZp+7dreRab0S0bKYwCrEbIPB5FdpFuk6WECx9D
Carf00+YI0RpsKhhPU7m0IuqN8GnrydE/n100w==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-1457176186491-2040899488">
<wsse:Reference URI="#XWSSGID-14571761864901104364801"
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>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
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"
wsu:Id="XWSSGID-14571761864921896598948">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:46.478Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-130942.988-0.09373377131488225@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>5155c0f8-1910-460e-bd50-4f5057b96380@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbsig:NonRepudiationInformation xmlns:ebbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176181261-1872173452">
<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/xmldoc#sha256"/>
<ds:DigestValue>VJKJ4a/S0nLLxoRCdWQbJHjgwivml4hL/jdxBwN4uXY=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571761812631154649971">
<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/xmldoc#sha256"/>
<ds:DigestValue>raMbNYQMS6rL+Evc5iPb4oF7Eyp0I4AtRQgejVXwjwg=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
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/xmldoc#sha256"/>
<ds:DigestValue>r7CBjbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@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/xmldoc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSJJ4o=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
</ebbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</env:Header>
2016-03-05 13:09:03,227: INFO - =====
2016-03-05 13:09:03,233: DEBUG - Assign free vars
2016-03-05 13:09:03,238: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:03,248: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:03,253: INFO - < Rivet finished successfully
2016-03-05 13:09:03,263: INFO - -----
2016-03-05 13:09:03,268: INFO - > RUN RIVET 4
2016-03-05 13:09:03,273: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:03,279: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:03,284: INFO - -----
2016-03-05 13:09:03,289: INFO - Corner4 Received Payloads:
2016-03-05 13:09:03,295: INFO - Data
2016-03-05 13:09:03,300: INFO - originalSender: C1
2016-03-05 13:09:03,305: INFO - finalRecipient: C4
2016-03-05 13:09:03,313: INFO - refToMessageId: null
2016-03-05 13:09:03,318: INFO - conversationId: 266477
2016-03-05 13:09:03,324: INFO - messageId: 5155c0f8-1910-460e-bd50-4f5057b96380@mindentestbed.org
2016-03-05 13:09:03,329: INFO - to: flame-c3
2016-03-05 13:09:03,334: INFO - from: null
2016-03-05 13:09:03,339: INFO - pModeId: null
2016-03-05 13:09:03,355: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:09:03,360: INFO - !! Modify me after submission, if you dare!!
```

```
2016-03-05 13:09:03,366: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:09:03,372: INFO - <min><der>sample</der></min>
2016-03-05 13:09:03,377: INFO - -----
2016-03-05 13:09:03,382: DEBUG - Assign free vars
2016-03-05 13:09:03,387: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:03,393: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:03,399: INFO - < Rivet finished sucessfully
2016-03-05 13:09:03,404: INFO - -----

2016-03-05 13:09:03,410: INFO - > RUN RIVET 5
2016-03-05 13:09:03,415: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:05,607: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:05,613: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:09:05,619: INFO - Receipt
2016-03-05 13:09:05,624: INFO - 5155c0f8-1910-460e-bd50-4f5057b96380@mindentestbed.org
2016-03-05 13:09:05,629: INFO - null
2016-03-05 13:09:05,635: INFO - null
2016-03-05 13:09:05,641: DEBUG - Assign free vars
2016-03-05 13:09:05,646: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:05,652: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:05,658: INFO - < Rivet finished sucessfully
2016-03-05 13:09:05,663: INFO - -----

2016-03-05 13:09:05,668: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA14

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA14
<b>Test Case:</b>	eSENS_TA14_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
----------------	--

## Test Assertion Details

**TAID:** eSENS\_TA14

**Target:** Payload signature

**Normative Source:** [e-SENS] "This e-SENS AS4 profile uses the following AS4 parameters and values: For encryption, WS-Security leverages the W3C XML Encryption recommendation. The following AS4 configuration options configure this feature: •The PMode[1].Security.X509.Encryption.Encrypt parameter must be set in accordance with section 5.1.6 and 5.1.7 of [AS4]. •The parameter PMode[1].Security.X509.Encryption.Algorithm must be set to <http://www.w3.org/2009/xmlenc11#aes128-gcm>. This is the algorithm used as value for the Algorithm attribute of xenc:EncryptionMethod on xenc:EncryptedData." And "The PMode[1].Security.X509.Encryption.Certificate parameter must be set to a value matching the certificate of the receiver."

**Prescription Level:** Mandatory

**Prerequisite:**

- SMSG and RMSG are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).
- Producer submits a message with metadata information and a payload to the SMSG.
- SMSG sends an AS4 encrypted message to the RMSG.

**Predicate:** In the AS4 Message generated by the SMSG: - Encryption Algorithm is set to <http://www.w3.org/2009/xmlenc11#aes128-gcm> - Encryption Certificate used is the certificate of the RMSG.

**Variables:**

**Tag:** Signature/Compression



# Log

```
2016-03-05 13:09:07,732: INFO - Start Test
2016-03-05 13:09:07,737: INFO - Initialize test case
2016-03-05 13:09:07,747: DEBUG - Parameters
2016-03-05 13:09:07,752: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:09:07,758: INFO - > Initialize the Adapters
2016-03-05 13:09:07,764: INFO - Call start test on NULLWRAPPER
2016-03-05 13:09:07,769: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:09:07,774: INFO - Call start test on as4-adapter
2016-03-05 13:09:07,785: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:09:07,795: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:09:07,801: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:09:07,806: INFO - Call start test on genericAS4Corner4
2016-03-05 13:09:07,812: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:09:07,818: INFO - Call start test on genericAS4Corner1
2016-03-05 13:09:07,824: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:09:07,830: INFO - > RUN RIVET 0
2016-03-05 13:09:07,835: DEBUG - Assign free vars
2016-03-05 13:09:07,841: INFO - Corner 2 flame-c2
2016-03-05 13:09:07,846: INFO - Corner 3 flame-c3
2016-03-05 13:09:07,863: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:07,869: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:07,875: INFO - < Rivet finished successfully
2016-03-05 13:09:07,880: INFO - -----

2016-03-05 13:09:07,885: INFO - > RUN RIVET 1
2016-03-05 13:09:07,891: DEBUG - Assign free vars
2016-03-05 13:09:07,896: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:09,383: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:09,389: INFO - < Rivet finished successfully
2016-03-05 13:09:09,394: INFO - -----

2016-03-05 13:09:09,399: INFO - > RUN RIVET 2
2016-03-05 13:09:09,404: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:09:12,303: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:09:12,310: INFO - C2 AS4 Message
2016-03-05 13:09:12,323: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176194769-67176958">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:09:54.234Z</eb:Timestamp>
<eb:MessageId>71a8d9fa-4010-4da7-bc96-4434d891496b@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>27955</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">27955</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA14</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">71a8d9fa-4010-4da7-bc96-4434d891496b@mindertestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:09:12,328: INFO - C2 AS4 Security Header
2016-03-05 13:09:12,334: 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:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```





```
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176194772-68792991">
<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/xmldsig#sha256"/>
<ds:DigestValue>PDy0RbAs6wKbAzbPSzFnrMw/BzkvZSjimCbdaDjEpU=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yQt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:09:16,964: INFO - =====
2016-03-05 13:09:16,970: DEBUG - Assign free vars
2016-03-05 13:09:16,975: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:16,985: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:16,996: INFO - < Rivet finished successfully
2016-03-05 13:09:17,003: INFO - -----

2016-03-05 13:09:17,011: INFO - > RUN RIVET 4
2016-03-05 13:09:17,018: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:17,027: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:17,035: INFO - -----
2016-03-05 13:09:17,043: INFO - Corner4 Received Payloads:
2016-03-05 13:09:17,049: INFO - Data
2016-03-05 13:09:17,055: INFO - originalSender: C1
2016-03-05 13:09:17,063: INFO - finalRecipient: C4
2016-03-05 13:09:17,069: INFO - refToMessageId: null
2016-03-05 13:09:17,075: INFO - conversationId: 27955
2016-03-05 13:09:17,081: INFO - messageId: 71a8d9fa-4010-4da7-bc96-4434d891496b@mindertestbed.org
2016-03-05 13:09:17,087: INFO - to: flame-c3
2016-03-05 13:09:17,092: INFO - from: null
2016-03-05 13:09:17,099: INFO - pModeId: null
2016-03-05 13:09:17,145: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:09:17,150: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:09:17,155: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:09:17,161: INFO - <min><der>sample</der></min>
2016-03-05 13:09:17,166: INFO - -----
2016-03-05 13:09:17,171: DEBUG - Assign free vars
2016-03-05 13:09:17,176: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:17,182: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:17,189: INFO - < Rivet finished successfully
2016-03-05 13:09:17,194: INFO - -----

2016-03-05 13:09:17,199: INFO - > RUN RIVET 5
2016-03-05 13:09:17,205: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:19,297: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:19,303: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:09:19,309: INFO - Receipt
2016-03-05 13:09:19,314: INFO - 71a8d9fa-4010-4da7-bc96-4434d891496b@mindertestbed.org
2016-03-05 13:09:19,319: INFO - null
2016-03-05 13:09:19,324: INFO - null
2016-03-05 13:09:19,331: DEBUG - Assign free vars
2016-03-05 13:09:19,338: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:19,344: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:19,350: INFO - < Rivet finished successfully
2016-03-05 13:09:19,355: INFO - -----

2016-03-05 13:09:19,361: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA15

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA15
<b>Test Case:</b>	eSENS_TA15_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
----------------	--

## Test Assertion Details

**TAID:** eSENS\_TA15

**Target:** Message reliability

**Normative Source:** [e-SENS] "To be able to forward a received message, the receiving gateway (C3) needs to be able to determine the end entity (C4) that an e-SENS AS4 message is intended for. This information is generally available in the business document. However, using information from the business document assumes an understanding of the schema on which the document is based. Since gateways need to be able to process documents of any type, it is desirable to adopt a mechanism that is independent of particular schemas. The e-CODEX documentation for its use of ebMS3/AS4 [ECODEXD59] uses the ebMS3 property mechanism to attach arbitrary pairs of property-values to a message to address C1 and C4: •The property named originalSender addresses the original (end entity) sender party. •The property named finalRecipient addresses the final (end entity) recipient party The type attribute may be used to categorize party identifier types. Implementations of the e-SENS e-Delivery AS4 profile must support this mechanism: the sender gateway (or integration middleware) must set, and the receiver gateway (or integration middleware) must get, these properties and values."

**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 eSENS 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 attributes name and type. 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

```
2016-03-05 13:09:21,475: INFO - Start Test
2016-03-05 13:09:21,480: INFO - Initialize test case
2016-03-05 13:09:21,494: DEBUG - Parameters
2016-03-05 13:09:21,499: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:09:21,505: INFO - > Initialize the Adapters
2016-03-05 13:09:21,510: INFO - Call start test on NULLWRAPPER
2016-03-05 13:09:21,515: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:09:21,521: INFO - Call start test on as4-adapter
2016-03-05 13:09:21,530: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:09:21,536: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:09:21,541: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:09:21,546: INFO - Call start test on genericAS4Corner4
2016-03-05 13:09:21,552: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:09:21,558: INFO - Call start test on genericAS4Corner1
2016-03-05 13:09:21,564: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:09:21,570: INFO - > RUN RIVET 0
2016-03-05 13:09:21,575: DEBUG - Assign free vars
2016-03-05 13:09:21,581: INFO - Corner 2 flame-c2
2016-03-05 13:09:21,586: INFO - Corner 3 flame-c3
2016-03-05 13:09:21,600: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:21,606: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:21,612: INFO - < Rivet finished successfully
2016-03-05 13:09:21,617: INFO - -----

2016-03-05 13:09:21,622: INFO - > RUN RIVET 1
2016-03-05 13:09:21,628: DEBUG - Assign free vars
2016-03-05 13:09:21,633: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:22,316: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:22,322: INFO - < Rivet finished successfully
2016-03-05 13:09:22,328: INFO - -----

2016-03-05 13:09:22,333: INFO - > RUN RIVET 2
2016-03-05 13:09:22,338: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:09:25,189: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:09:25,195: INFO - C2 AS4 Message
2016-03-05 13:09:25,203: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176207696138555384">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:10:07.257Z</eb:Timestamp>
<eb:MessageId>789d128e-f9bc-454c-9e57-496554762alc@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>339081</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">339081</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">eSENS_TA15</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">789d128e-f9bc-454c-9e57-496554762alc@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="Description">custompayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:09:25,208: INFO - C2 AS4 Security Header
2016-03-05 13:09:25,214: 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:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
```





```
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFvU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
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4mWXTzXhhRCLABKznAiFqvXuXNMtAm59np/OxRosLNCgqLmB6ng7feQJ8j83hEcZd3w6uH2yChuR
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<ds:KeyInfo>
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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>
2016-03-05 13:09:25,227: INFO - Original Sender: C1
2016-03-05 13:09:25,235: INFO - Final Recipient: C4
2016-03-05 13:09:25,240: DEBUG - Assign free vars
2016-03-05 13:09:25,245: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:09:29,415: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:09:29,421: INFO - < Rivet finished sucessfully
2016-03-05 13:09:29,426: INFO - -----
2016-03-05 13:09:29,431: INFO - > RUN RIVET 3
2016-03-05 13:09:29,436: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:09:29,441: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:09:29,447: INFO - Received Receipt: 1457176169447
2016-03-05 13:09:29,457: INFO - RECEIPT
2016-03-05 13:09:29,463: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
env:mustUnderstand="true">
<wsse:BinarySecurityToken xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-14571762127281972860526">MIIDWTCCAkGwAIBAgIELOkPjANBgkqhkiG9w0BAQsFADBMQswCQYDQQGEJVFTEOMAwaGAlUECBMFZmxbhWUxXjAMBgNVBAcTBWZsYW1lMQ4wDAYDV
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<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-1457176212728942441586">
</ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#"/>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#XWSSGID-14571762127291729197464">
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>1W6EgJnJ2R0/npewQ6yrIH0xUPywiCjvCgq6+K8iRko=</ds:DigestValue>
</ds:Reference>
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<ds:KeyInfo>
<wsse:SecurityTokenReference xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
wsu:Id="XWSSGID-1457176212729-1221463295">
<wsse:Reference URI="#XWSSGID-14571762127281972860526"
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>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
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"
wsu:Id="XWSSGID-14571762127291729197464">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:10:12.718Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131009.118-0.9925259919272408fmsstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>789d128e-f9bc-454c-9e57-496554762a1c@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbp:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176207696138555384">
</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/xmldsig#sha256"/>
<ds:DigestValue>B8RGv380gSV25T2EdzW7G0Zb2uVBifiV+RgLP0A=</ds:DigestValue>
```

```
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
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</ds:Transforms>
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</ebbpsig:MessagePartNRInformation>
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<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256" />
<ds:DigestValue>r7CBjboV5qfQ1j53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256" />
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:09:29,468: INFO - =====
2016-03-05 13:09:29,473: DEBUG - Assign free vars
2016-03-05 13:09:29,479: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:29,504: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:29,512: INFO - < Rivet finished successfully
2016-03-05 13:09:29,517: INFO - -----

2016-03-05 13:09:29,523: INFO - > RUN RIVET 4
2016-03-05 13:09:29,530: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:29,539: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:29,547: INFO - -----
2016-03-05 13:09:29,555: INFO - Corner4 Received Payloads:
2016-03-05 13:09:29,563: INFO - Data
2016-03-05 13:09:29,571: INFO - originalSender: C1
2016-03-05 13:09:29,579: INFO - finalRecipient: C4
2016-03-05 13:09:29,587: INFO - refToMessageId: null
2016-03-05 13:09:29,595: INFO - conversationId: 339081
2016-03-05 13:09:29,603: INFO - messageId: 789d128e-f9bc-454c-9e57-496554762a1c@mindentestbed.org
2016-03-05 13:09:29,611: INFO - to: flame-c3
2016-03-05 13:09:29,617: INFO - from: null
2016-03-05 13:09:29,623: INFO - pModeId: null
2016-03-05 13:09:29,648: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:09:29,655: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:09:29,664: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:09:29,669: INFO - <min><der>sample</der></min>
2016-03-05 13:09:29,674: INFO - -----
2016-03-05 13:09:29,681: DEBUG - Assign free vars
2016-03-05 13:09:29,686: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:29,691: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:29,697: INFO - < Rivet finished successfully
2016-03-05 13:09:29,702: INFO - -----

2016-03-05 13:09:29,707: INFO - > RUN RIVET 5
2016-03-05 13:09:29,712: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:31,750: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:31,760: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:09:31,767: INFO - Receipt
2016-03-05 13:09:31,773: INFO - 789d128e-f9bc-454c-9e57-496554762a1c@mindentestbed.org
2016-03-05 13:09:31,786: INFO - null
2016-03-05 13:09:31,791: INFO - null
2016-03-05 13:09:31,800: DEBUG - Assign free vars
2016-03-05 13:09:31,807: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:31,815: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:31,823: INFO - < Rivet finished successfully
2016-03-05 13:09:31,830: INFO - -----

2016-03-05 13:09:31,839: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA16

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA16
<b>Test Case:</b>	eSENS_TA16_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA16
<b>Target:</b>	Message reliability
<b>Normative Source:</b>	[eSENS] "For Reliable Messaging this profile specifies that non-repudiation receipts must be sent synchronously for each message type. Note that non-repudiation is only "per hop" in the case of the four-corner-model, in particular the hop from corner two to corner three. In e-SENS, the optional end-to-end services module supports the traceability across the four corners. •The parameter PMode[1].Security.SendReceipt.NonRepudiation must be set to the value true. •The parameter PMode[1].Security.SendReceipt.ReplyPattern must be set to the value Response."
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile (Two-Way/Push-and-Push MEP). • SMSH sends an AS4 User Message to the RMSH.
<b>Predicate:</b>	The RMSH returns a non-repudiation receipt within a HTTP response with status code 2XX.
<b>Variables:</b>	
<b>Tag:</b>	Non-repudiation receipt



```
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="XWSSGID-1457176220330784339051"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc1#aes128-gcm"/>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmlpayload@minder">
<xenc:Transforms>
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</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="XWSSGID-1457176220002-
1997144958">MIIDWTCCKAkGgAwIBAgIELOkPjANBgkqhkiG9w0BAQsFADBMQSwCQYDVQQGEwJVFTVEM0AwGA1UECjBMBG9uVBAwEwYwR1bWQ4wDAYDQYDQGEwVmbGFtZT
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wjtXagQlaomSL4ssvxxuGol</wsse:BinarySecurityToken>
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<InclusiveNamespaces xmlns="http://www.w3.org/2001/10/xml-exc-c14n#"
PrefixList="wsse ds eb ebbsig env wsu"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
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</ds:Reference>
<ds:Reference URI="#XWSSGID-1457176220127-1911672456">
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</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
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</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
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<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
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</ds:Reference>
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</ds:Transforms>
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<ds:DigestValue>yqDt8JU9CgV+e+tbF0U3wVj/I811CUMdveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>LCLkCFnRlGmE6D0ns66nZfJvV5aqdWNHLWG9ohrdEZCmjuFUGvGHI4d4IFoHi9dMYDQRy9khw+
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bNs1rGRLQoR9Uv4dZpLF/btXuDSWPHtXl/w==</ds:SignatureValue>
<ds:KeyInfo>
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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>
<eb:Messaging xmlns="http://www.w3.org/2001/XMLSchema"
xmlns:s12="http://www.w3.org/2003/05/soap-envelope"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-14571762201251666266309">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:10:19.635Z</eb:Timestamp>
<eb:MessageId>af2e4e0d-5bb0-46ee-b4a3-76e2f5cf051e@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_TOWAY</eb:Service>
<eb:Action>ACT_SIMPLE_TOWAY</eb:Action>
<eb:ConversationId>852787</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">852787</eb:Property>

```



```
<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/xmldoc#sha256"/>
<ds:DigestValue>q3BvJf0WHGd3VagPJlF9AHTwN6Cil+40fc6h7thElbM=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176220127-1911672456">
<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/xmldoc#sha256"/>
<ds:DigestValue>jknGMBq6398N35n9nwZgptjFtA8R1ZEK2FUGk8oo12k=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldoc#sha256"/>
<ds:DigestValue>r7CBjov5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldoc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:09:42,374: INFO - =====
2016-03-05 13:09:42,382: DEBUG - Assign free vars
2016-03-05 13:09:42,388: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:42,399: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:09:42,406: INFO - < Rivet finished successfully
2016-03-05 13:09:42,411: INFO - -----

2016-03-05 13:09:42,418: INFO - > RUN RIVET 4
2016-03-05 13:09:42,424: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:42,429: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:42,434: INFO - -----
2016-03-05 13:09:42,439: INFO - Corner4 Received Payloads:
2016-03-05 13:09:42,445: INFO - Data
2016-03-05 13:09:42,450: INFO - originalSender: C1
2016-03-05 13:09:42,455: INFO - finalRecipient: C4
2016-03-05 13:09:42,461: INFO - refToMessageId: null
2016-03-05 13:09:42,470: INFO - conversationId: 852787
2016-03-05 13:09:42,475: INFO - messageId: af2e4e0d-5bb0-46ee-b4a3-76e2f5cf051e@mindertestbed.org
2016-03-05 13:09:42,480: INFO - to: flame-c3
2016-03-05 13:09:42,486: INFO - from: null
2016-03-05 13:09:42,491: INFO - pModeId: null
2016-03-05 13:09:42,497: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:09:42,502: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:09:42,507: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:09:42,513: INFO - <min><der>sample</der></min>
2016-03-05 13:09:42,518: INFO - -----
2016-03-05 13:09:42,523: DEBUG - Assign free vars
2016-03-05 13:09:42,529: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:42,535: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:42,542: INFO - < Rivet finished successfully
2016-03-05 13:09:42,547: INFO - -----

2016-03-05 13:09:42,553: INFO - > RUN RIVET 5
2016-03-05 13:09:42,558: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:44,594: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:44,600: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:09:44,609: INFO - Receipt
2016-03-05 13:09:44,614: INFO - af2e4e0d-5bb0-46ee-b4a3-76e2f5cf051e@mindertestbed.org
2016-03-05 13:09:44,619: INFO - null
2016-03-05 13:09:44,625: INFO - null
2016-03-05 13:09:44,630: DEBUG - Assign free vars
2016-03-05 13:09:44,635: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:44,641: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:44,647: INFO - < Rivet finished successfully
2016-03-05 13:09:44,652: INFO - -----

2016-03-05 13:09:44,657: INFO - > RUN RIVET 6
2016-03-05 13:09:44,662: DEBUG - Assign free vars
2016-03-05 13:09:44,668: INFO - > CALL SLOT genericAS4Corner4|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:45,445: INFO - < SLOT CALLED genericAS4Corner4|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:45,451: INFO - < Rivet finished successfully
2016-03-05 13:09:45,456: INFO - -----

2016-03-05 13:09:45,462: INFO - > RUN RIVET 7
2016-03-05 13:09:45,467: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:09:48,529: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:09:48,535: INFO - C3 AS4 Message
2016-03-05 13:09:48,590: INFO - Attachments
2016-03-05 13:09:48,596: INFO - -----
2016-03-05 13:09:48,602: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:09:48,607: INFO - Compressed HEX payload:
1F8B0800000000000000000535454F0C4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:09:48,612: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:09:48,617: INFO -
```









```
2016-03-05 13:09:52,884: INFO - > RUN RIVET 9
2016-03-05 13:09:52,889: DEBUG - > Wait For Signal:genericAS4Corner1|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:52,894: DEBUG - < Signal Arrived: genericAS4Corner1|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:52,903: INFO - -----
2016-03-05 13:09:52,910: INFO - Corner1 Received Payloads:
2016-03-05 13:09:52,919: INFO - Data
2016-03-05 13:09:52,927: INFO - originalSender: C4
2016-03-05 13:09:52,935: INFO - finalRecipient: C1
2016-03-05 13:09:52,943: INFO - refToMessageId: af2e4e0d-5bb0-46ee-b4a3-76e2f5cf051e@mindertestbed.org
2016-03-05 13:09:52,951: INFO - conversationId: 852787
2016-03-05 13:09:52,958: INFO - messageId: 051b7cc0-6d70-4ada-ba59-de835613c607@mindertestbed.org
2016-03-05 13:09:52,963: INFO - to: flame-c2
2016-03-05 13:09:52,971: INFO - from: null
2016-03-05 13:09:52,979: INFO - pModeId: null
2016-03-05 13:09:52,989: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:09:52,995: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:09:53,003: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:09:53,010: INFO - <min><der>sample</der></min>
2016-03-05 13:09:53,019: INFO - -----
2016-03-05 13:09:53,027: DEBUG - Assign free vars
2016-03-05 13:09:53,035: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:53,043: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:53,051: INFO - < Rivet finished sucessfully
2016-03-05 13:09:53,058: INFO - -----

2016-03-05 13:09:53,065: INFO - > RUN RIVET 10
2016-03-05 13:09:53,070: DEBUG - > Wait For Signal:genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:55,165: DEBUG - < Signal Arrived: genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:09:55,170: INFO - Corner4 backend NOTIFICATION
2016-03-05 13:09:55,176: INFO - Receipt
2016-03-05 13:09:55,181: INFO - 051b7cc0-6d70-4ada-ba59-de835613c607@mindertestbed.org
2016-03-05 13:09:55,186: INFO - null
2016-03-05 13:09:55,191: INFO - null
2016-03-05 13:09:55,196: DEBUG - Assign free vars
2016-03-05 13:09:55,201: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:55,206: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:55,212: INFO - < Rivet finished sucessfully
2016-03-05 13:09:55,217: INFO - -----

2016-03-05 13:09:55,222: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA17

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA17
<b>Test Case:</b>	eSENS_TA17_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA17
<b>Target:</b>	Message reliability
<b>Normative Source:</b>	[eSENS] "Reception awareness errors generated by the Sender must be reported to the Submitting application: •The parameter PMode[1].ErrorHandling.Report.MissingReceiptNotifyProducer must be set to true. •The parameter PMode[1].ErrorHandling.Report.SenderErrorsTo must not be set. There is no support for reporting sender errors to a third party"
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	• eSENS_TA10. • TIME_OUT for resending the messages is reached.
<b>Predicate:</b>	The SMSH reports an error to the message producer.
<b>Variables:</b>	TIME_OUT: deadline (in terms of time or number of retries) allocated for resending messages.
<b>Tag:</b>	Reception Awareness

# Log

```
2016-03-05 13:09:57,315: INFO - Start Test
2016-03-05 13:09:57,320: INFO - Initialize test case
2016-03-05 13:09:57,337: DEBUG - Parameters
2016-03-05 13:09:57,343: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:09:57,348: INFO - > Initialize the Adapters
2016-03-05 13:09:57,353: INFO - Call start test on NULLWRAPPER
2016-03-05 13:09:57,359: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:09:57,364: INFO - Call start test on as4-adapter
2016-03-05 13:09:57,374: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:09:57,381: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:09:57,387: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:09:57,392: INFO - Call start test on genericAS4Corner1
2016-03-05 13:09:57,399: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:09:57,405: INFO - > RUN RIVET 0
2016-03-05 13:09:57,410: DEBUG - Assign free vars
2016-03-05 13:09:57,417: INFO - Corner 2 flame-c2
2016-03-05 13:09:57,422: INFO - Corner 3 flame-c3
2016-03-05 13:09:57,439: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:09:57,445: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:09:57,451: INFO - < Rivet finished successfully
2016-03-05 13:09:57,457: INFO - -----

2016-03-05 13:09:57,462: INFO - > RUN RIVET 1
2016-03-05 13:09:57,467: DEBUG - Assign free vars
2016-03-05 13:09:57,472: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:58,117: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:09:58,123: INFO - < Rivet finished successfully
2016-03-05 13:09:58,128: INFO - -----

2016-03-05 13:09:58,133: INFO - > RUN RIVET 2
2016-03-05 13:09:58,139: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:00,739: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:00,745: INFO - Received message #1 from C2
2016-03-05 13:10:00,750: INFO - C2 AS4 Message
2016-03-05 13:10:00,765: 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="http://www.w3.org/2001/XMLSchema"
xmlns:s12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176243229363346080">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:10:42.815Z</eb:Timestamp>
<eb:MessageId>c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>106805</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">106805</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA17</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:10:00,771: INFO - -----
2016-03-05 13:10:00,776: INFO - AS4 message id: c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindertestbed.org
2016-03-05 13:10:00,781: DEBUG - Assign free vars
2016-03-05 13:10:00,787: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:10:00,792: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:10:00,797: INFO - < Rivet finished successfully
2016-03-05 13:10:00,802: INFO - -----

2016-03-05 13:10:00,807: INFO - > RUN RIVET 3
2016-03-05 13:10:00,812: DEBUG - Assign free vars
2016-03-05 13:10:00,818: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:00,828: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
```

```
2016-03-05 13:10:00,833: INFO - < Rivet finished successfully
2016-03-05 13:10:00,838: INFO - -----

2016-03-05 13:10:00,843: INFO - > RUN RIVET 4
2016-03-05 13:10:00,849: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:13,353: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:13,358: INFO - Received message #2 from C2
2016-03-05 13:10:13,364: INFO - C2 AS4 Message
2016-03-05 13:10:13,375: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-14571762558581631653475">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:10:55.429Z</eb:Timestamp>
<eb:MessageId>c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>106805</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">106805</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA17</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:10:13,383: INFO - -----
2016-03-05 13:10:13,388: INFO - AS4 message id: c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org
2016-03-05 13:10:13,393: DEBUG - Assign free vars
2016-03-05 13:10:13,398: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:10:13,404: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:10:13,409: INFO - < Rivet finished successfully
2016-03-05 13:10:13,414: INFO - -----

2016-03-05 13:10:13,419: INFO - > RUN RIVET 5
2016-03-05 13:10:13,424: DEBUG - Assign free vars
2016-03-05 13:10:13,432: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:13,443: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:13,456: INFO - < Rivet finished successfully
2016-03-05 13:10:13,461: INFO - -----

2016-03-05 13:10:13,466: INFO - > RUN RIVET 6
2016-03-05 13:10:13,472: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:25,997: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:26,002: INFO - Received message #3 from C2
2016-03-05 13:10:26,008: INFO - C2 AS4 Message
2016-03-05 13:10:26,021: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176268489-1078333446">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:11:08.077Z</eb:Timestamp>
<eb:MessageId>c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>106805</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">106805</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA17</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:10:26,027: INFO - -----
2016-03-05 13:10:26,032: INFO - AS4 message id: c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org
2016-03-05 13:10:26,037: DEBUG - Assign free vars
2016-03-05 13:10:26,043: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:10:26,048: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:10:26,054: INFO - < Rivet finished successfully
2016-03-05 13:10:26,059: INFO - -----

2016-03-05 13:10:26,064: INFO - > RUN RIVET 7
2016-03-05 13:10:26,069: DEBUG - Assign free vars
2016-03-05 13:10:26,074: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:26,084: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:26,094: INFO - < Rivet finished successfully
2016-03-05 13:10:26,099: INFO - -----

2016-03-05 13:10:26,104: INFO - > RUN RIVET 8
2016-03-05 13:10:26,109: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:38,705: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:10:38,710: INFO - Received message #4 from C2
2016-03-05 13:10:38,716: INFO - C2 AS4 Message
2016-03-05 13:10:38,732: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-14571762812511848061196">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:11:20.784Z</eb:Timestamp>
<eb:MessageId>c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>106805</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">106805</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_RETRY</eb:Property>
<eb:Property name="TA_id">eSENS_TA17</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_ONEWAY_RETRY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:10:38,737: INFO - -----
2016-03-05 13:10:38,742: INFO - AS4 message id: c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindentestbed.org
2016-03-05 13:10:38,748: DEBUG - Assign free vars
2016-03-05 13:10:38,753: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:10:38,758: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:10:38,763: INFO - < Rivet finished successfully
```

```
2016-03-05 13:10:38,769: INFO - -----
2016-03-05 13:10:38,774: INFO - > RUN RIVET 9
2016-03-05 13:10:38,779: DEBUG - Assign free vars
2016-03-05 13:10:38,785: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:38,796: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:10:38,802: INFO - < Rivet finished sucessfully
2016-03-05 13:10:38,807: INFO - -----

2016-03-05 13:10:38,812: INFO - > RUN RIVET 10
2016-03-05 13:10:38,817: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:11:32,872: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:11:32,878: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:11:32,884: INFO - Error
2016-03-05 13:11:32,891: INFO - c3b9fadf-e09b-44b2-9fa8-fd7abd8395e2@mindertestbed.org
2016-03-05 13:11:32,896: INFO - null
2016-03-05 13:11:32,902: INFO - null
2016-03-05 13:11:32,908: DEBUG - Assign free vars
2016-03-05 13:11:32,913: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:11:32,919: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:11:32,925: INFO - < Rivet finished sucessfully
2016-03-05 13:11:32,930: INFO - -----

2016-03-05 13:11:32,935: INFO - > Send finish message to all wrappers
```



# Test Report - eSENS\_TA18

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA18
<b>Test Case:</b>	eSENS_TA18_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
----------------	--

## Test Assertion Details

**TAID:** eSENS\_TA18

**Target:** Test service

**Normative Source:** [eSENS] " Section 5.2.2 of [EBMS3] defines a server test feature that allows an organization to "Ping" a communication partner. The feature is based on messages with the values of: UserMessage/CollaborationInfo/Service set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service> UserMessage/CollaborationInfo/Action set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test>. This feature must be supported so that business partners can perform a basic test of the communication configuration (including security at network, transport and message layer, and reliability) in any environment, including the production environment. This functionality may be supported as a built-in feature of the AS4 product. If not, a PMode must be configured with these values. "

**Prescription Level:** Mandatory

**Prerequisite:** • SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile: One-Way/Push MEP. • Producer submits a "ping" message with metadata information to the SSMH (to "ping" consumer).

The SSMH generates an AS4 message with values (and sends it to the RSMH):

**Predicate:** • UserMessage/CollaborationInfo/Service set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service> • UserMessage/CollaborationInfo/Action set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test>

**Variables:**

**Tag:** Ping message

# Log

```
2016-03-05 13:11:34,999: INFO - Start Test
2016-03-05 13:11:35,004: INFO - Initialize test case
2016-03-05 13:11:35,016: DEBUG - Parameters
2016-03-05 13:11:35,021: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:11:35,026: INFO - > Initialize the Adapters
2016-03-05 13:11:35,032: INFO - Call start test on NULLWRAPPER
2016-03-05 13:11:35,037: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:11:35,042: INFO - Call start test on as4-adapter
2016-03-05 13:11:35,049: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:11:35,055: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:11:35,060: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:11:35,065: INFO - Call start test on genericAS4Corner1
2016-03-05 13:11:35,071: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:11:35,077: INFO - > RUN RIVET 0
2016-03-05 13:11:35,082: DEBUG - Assign free vars
2016-03-05 13:11:35,087: INFO - Corner 2 flame-c2
2016-03-05 13:11:35,093: INFO - Corner 3 flame-c3
2016-03-05 13:11:35,113: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:11:35,119: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:11:35,124: INFO - < Rivet finished successfully
2016-03-05 13:11:35,129: INFO - -----

2016-03-05 13:11:35,134: INFO - > RUN RIVET 1
2016-03-05 13:11:35,139: DEBUG - Assign free vars
2016-03-05 13:11:35,144: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:36,687: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:36,692: INFO - < Rivet finished successfully
2016-03-05 13:11:36,698: INFO - -----

2016-03-05 13:11:36,703: INFO - > RUN RIVET 2
2016-03-05 13:11:36,708: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:11:38,498: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:11:38,504: INFO - C2 AS4 Message
2016-03-05 13:11:38,512: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbp:sig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:12:21.366Z</eb:Timestamp>
<eb:MessageId>b64de421-ac24-4ad9-b8be-e5f815787561@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service</eb:Service>
<eb:Action>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test</eb:Action>
<eb:ConversationId>805632</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">805632</eb:Property>
<eb:Property name="Action">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test</eb:Property>
<eb:Property name="TA_id">eSENS_TA18</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">b64de421-ac24-4ad9-b8be-e5f815787561@mindertestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo/>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:11:38,520: INFO - -----
2016-03-05 13:11:38,526: INFO - AS4 message id: b64de421-ac24-4ad9-b8be-e5f815787561@mindertestbed.org
2016-03-05 13:11:38,532: INFO - Service: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service
2016-03-05 13:11:38,537: INFO - Action: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test
2016-03-05 13:11:38,543: DEBUG - Assign free vars
2016-03-05 13:11:38,548: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:11:39,408: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:11:39,414: INFO - < Rivet finished successfully
2016-03-05 13:11:39,420: INFO - -----

2016-03-05 13:11:39,425: INFO - > RUN RIVET 3
2016-03-05 13:11:39,430: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:11:39,436: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:11:39,442: INFO - Received Receipt: 1457176299441
2016-03-05 13:11:39,449: INFO - RECEIPT
2016-03-05 13:11:39,455: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
```

```
<eb:Timestamp>2016-03-05T11:12:22.719Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131222.695-0.12558632906729783@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>b64de421-ac24-4ad9-b8be-e5f815787561@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbbsig:NonRepudiationInformation xmlns:ebbbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"/>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:11:39,460: INFO - =====
2016-03-05 13:11:39,467: DEBUG - Assign free vars
2016-03-05 13:11:39,472: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:11:39,487: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:11:39,493: INFO - < Rivet finished sucessfully
2016-03-05 13:11:39,498: INFO - -----
2016-03-05 13:11:39,503: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA19

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA19
<b>Test Case:</b>	eSENS_TA19_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
----------------	--

## Test Assertion Details

<b>TAID:</b>	eSENS_TA19
<b>Target:</b>	Test service
<b>Normative Source:</b>	[eSENS] "The AS4 product must be configured so that messages with these values are not delivered to any business application."
<b>Prescription Level:</b>	Mandatory
<b>Prerequisite:</b>	• eSENS_TA18. • The consumer is reachable.
<b>Predicate:</b>	The RMSH sends back a non-repudiation receipt within a HTTP response with status code 2XX and the consumer doesn't receive any message.
<b>Variables:</b>	
<b>Tag:</b>	Ping message

# Log

```
2016-03-05 13:11:41,572: INFO - Start Test
2016-03-05 13:11:41,577: INFO - Initialize test case
2016-03-05 13:11:41,586: DEBUG - Parameters
2016-03-05 13:11:41,591: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:11:41,597: INFO - > Initialize the Adapters
2016-03-05 13:11:41,602: INFO - Call start test on NULLWRAPPER
2016-03-05 13:11:41,607: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:11:41,613: INFO - Call start test on as4-adapter
2016-03-05 13:11:41,622: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:11:41,628: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:11:41,633: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:11:41,638: INFO - Call start test on genericAS4Corner1
2016-03-05 13:11:41,644: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:11:41,650: INFO - > RUN RIVET 0
2016-03-05 13:11:41,655: DEBUG - Assign free vars
2016-03-05 13:11:41,661: INFO - Corner 2 flame-c2
2016-03-05 13:11:41,666: INFO - Corner 3 flame-c3
2016-03-05 13:11:41,697: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:11:41,702: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:11:41,708: INFO - < Rivet finished successfully
2016-03-05 13:11:41,713: INFO - -----

2016-03-05 13:11:41,718: INFO - > RUN RIVET 1
2016-03-05 13:11:41,723: DEBUG - Assign free vars
2016-03-05 13:11:41,728: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:42,646: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:42,652: INFO - < Rivet finished successfully
2016-03-05 13:11:42,657: INFO - -----

2016-03-05 13:11:42,664: INFO - > RUN RIVET 2
2016-03-05 13:11:42,669: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:11:44,757: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:11:44,762: INFO - C2 AS4 Message
2016-03-05 13:11:44,770: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:12:27.660Z</eb:Timestamp>
<eb:MessageId>dbcc7811-3d5b-4ce4-b0c6-d46e910829ab@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service</eb:Service>
<eb:Action>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test</eb:Action>
<eb:ConversationId>557694</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">557694</eb:Property>
<eb:Property name="Action">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test</eb:Property>
<eb:Property name="TA_id">eSENS_TA19</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">dbcc7811-3d5b-4ce4-b0c6-d46e910829ab@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo/>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:11:44,775: INFO - -----
2016-03-05 13:11:44,781: INFO - AS4 message id: dbcc7811-3d5b-4ce4-b0c6-d46e910829ab@mindentestbed.org
2016-03-05 13:11:44,787: INFO - Service: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service
2016-03-05 13:11:44,792: INFO - Action: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test
2016-03-05 13:11:44,798: DEBUG - Assign free vars
2016-03-05 13:11:44,803: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:11:45,708: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:11:45,714: INFO - < Rivet finished successfully
2016-03-05 13:11:45,719: INFO - -----

2016-03-05 13:11:45,724: INFO - > RUN RIVET 3
2016-03-05 13:11:45,730: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:11:45,735: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:11:45,741: INFO - Received Receipt: 1457176305741
2016-03-05 13:11:45,755: INFO - RECEIPT
2016-03-05 13:11:45,760: INFO - <?xml version="1.0" encoding="UTF-8"?>
<env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope">
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
```

```
<eb:Timestamp>2016-03-05T11:12:29.040Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131229.011-0.7406106205824382@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>dbcc7811-3d5b-4ce4-b0c6-d46e910829ab@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbpsig:NonRepudiationInformation xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"/>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:11:45,766: INFO - =====
2016-03-05 13:11:45,771: DEBUG - Assign free vars
2016-03-05 13:11:45,776: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:11:45,787: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:11:45,796: INFO - < Rivet finished sucessfully
2016-03-05 13:11:45,801: INFO - -----
2016-03-05 13:11:45,806: INFO - > Send finish message to all wrappers
```

# Test Report - eSENS\_TA20

## Overview

<b>Test Group:</b>	AS4 e-SENS Specific Test Assertions
<b>Test Assertion:</b>	eSENS_TA20
<b>Test Case:</b>	eSENS_TA20_TC01
<b>User:</b>	Muhammet YILDIZ
<b>Date:</b>	2016.03.05 13:05:00
<b>System(s) Tested:</b>	1- Flame FMS AS4 Server

<b>Result:</b>	Successful 
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## Test Assertion Details

<b>TAID:</b>	eSENS_TA20
<b>Target:</b>	Message Exchange tracking
<b>Normative Source:</b>	[eSENS] "This profile defines an additional, optional third property: • The property named trackingIdentifier provides a mechanism to include an identifier (in arbitrary string format) that allows end-to-end tracking of messages in a four-corner exchange. Its value could 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 from C1, via C2 to (at least) C3."
<b>Prescription Level:</b>	Preferred
<b>Prerequisite:</b>	<ul style="list-style-type: none"><li>• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile: One-Way/Push MEP.</li><li>• SSMH sends an AS4 User Message including a TRACKINGIDENTIFIER property set by the producer.</li></ul>
<b>Predicate:</b>	The RSMH returns a non-repudiation receipt within a HTTP response with status code 2XX and the received AS4 message contains the TRACKINGIDENTIFIER property.
<b>Variables:</b>	TRACKINGIDENTIFIER: an arbitrary string format.
<b>Tag:</b>	Message Packaging, Tracking, TrackingIdentifier



# Log

```
2016-03-05 13:11:47,860: INFO - Start Test
2016-03-05 13:11:47,866: INFO - Initialize test case
2016-03-05 13:11:47,877: DEBUG - Parameters
2016-03-05 13:11:47,883: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:11:47,888: INFO - > Initialize the Adapters
2016-03-05 13:11:47,894: INFO - Call start test on NULLWRAPPER
2016-03-05 13:11:47,899: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:11:47,905: INFO - Call start test on as4-adapter
2016-03-05 13:11:47,913: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:11:47,919: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:11:47,925: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:11:47,930: INFO - Call start test on genericAS4Corner4
2016-03-05 13:11:47,937: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:11:47,944: INFO - Call start test on genericAS4Corner1
2016-03-05 13:11:47,950: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:11:47,956: INFO - > RUN RIVET 0
2016-03-05 13:11:47,962: DEBUG - Assign free vars
2016-03-05 13:11:47,968: INFO - Corner 2 flame-c2
2016-03-05 13:11:47,974: INFO - Corner 3 flame-c3
2016-03-05 13:11:47,994: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:11:48,007: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:11:48,012: INFO - < Rivet finished successfully
2016-03-05 13:11:48,017: INFO - -----

2016-03-05 13:11:48,023: INFO - > RUN RIVET 1
2016-03-05 13:11:48,028: DEBUG - Assign free vars
2016-03-05 13:11:48,033: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:48,720: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:48,726: INFO - < Rivet finished successfully
2016-03-05 13:11:48,731: INFO - -----

2016-03-05 13:11:48,736: INFO - > RUN RIVET 2
2016-03-05 13:11:48,741: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:11:51,792: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:11:51,797: INFO - C2 AS4 Message
2016-03-05 13:11:51,814: 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="http://www.w3.org/2001/XMLSchema"
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:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
s12:mustUnderstand="true"
wsu:Id="XWSSGID-1457176354256-1081535585">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:12:33.834Z</eb:Timestamp>
<eb:MessageId>e141e928-67df-45b4-a36c-e87eb24027fe@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>flame-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:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>442741</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">442741</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="trackingIdentifier">TRACKER_ID</eb:Property>
<eb:Property name="TA_id">eSENS_TA20</eb:Property>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c3</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:Property name="MessageId">e141e928-67df-45b4-a36c-e87eb24027fe@mindertestbed.org</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="Description">xmlpayload@minder</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:11:51,819: INFO - C2 AS4 Security Header
2016-03-05 13:11:51,826: 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:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:env="http://www.w3.org/2003/05/soap-envelope"
xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
env:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
```





```
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:11:55,692: INFO - =====
2016-03-05 13:11:55,699: DEBUG - Assign free vars
2016-03-05 13:11:55,704: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:11:55,717: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:11:55,723: INFO - < Rivet finished sucessfully
2016-03-05 13:11:55,728: INFO - -----

2016-03-05 13:11:55,733: INFO - > RUN RIVET 4
2016-03-05 13:11:55,739: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:55,744: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:11:55,749: INFO - -----
2016-03-05 13:11:55,754: INFO - Corner4 Received Payloads:
2016-03-05 13:11:55,760: INFO - Data
2016-03-05 13:11:55,765: INFO - originalSender: C1
2016-03-05 13:11:55,770: INFO - finalRecipient: C4
2016-03-05 13:11:55,775: INFO - refToMessageId: null
2016-03-05 13:11:55,781: INFO - conversationId: 442741
2016-03-05 13:11:55,786: INFO - messageId: e141e928-67df-45b4-a36c-e87eb24027fe@mindentestbed.org
2016-03-05 13:11:55,791: INFO - to: flame-c3
2016-03-05 13:11:55,796: INFO - from: null
2016-03-05 13:11:55,802: INFO - pModeId: null
2016-03-05 13:11:55,814: INFO - xmlhttpayload@minder type: application/octet-stream.
2016-03-05 13:11:55,820: INFO - <min><der>sample</der></min>
2016-03-05 13:11:55,825: INFO - -----
2016-03-05 13:11:55,830: DEBUG - Assign free vars
2016-03-05 13:11:55,836: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:11:55,841: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:11:55,847: INFO - < Rivet finished sucessfully
2016-03-05 13:11:55,852: INFO - -----

2016-03-05 13:11:55,858: INFO - > RUN RIVET 5
2016-03-05 13:11:55,863: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:11:55,869: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:11:55,875: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:11:55,880: INFO - Receipt
2016-03-05 13:11:55,885: INFO - dbcc7811-3d5b-4ce4-b0c6-d46e910829ab@mindentestbed.org
2016-03-05 13:11:55,891: INFO - null
2016-03-05 13:11:55,896: INFO - null
2016-03-05 13:11:55,903: DEBUG - Assign free vars
2016-03-05 13:11:55,909: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:11:55,914: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:11:55,920: INFO - < Rivet finished sucessfully
2016-03-05 13:11:55,925: INFO - -----

2016-03-05 13:11:55,931: INFO - > Send finish message to all wrappers
```