



Test Report

Test Group: Generic AS4 test assertions

Flame FMS AS4 Server

2016.03.09 16:26:16

Summary

AS4_TA01	✓
AS4_TA02	✓
AS4_TA04	✓
AS4_TA05	✓
AS4_TA06	✓
AS4_TA07	✓
AS4_TA08	✓
AS4_TA09	✓
AS4_TA10	✓
AS4_TA11	✓
AS4_TA12	✓
AS4_TA13	✓
AS4_TA14	✓
AS4_TA15	✓
AS4_TA16	✓
AS4_TA17	✓
AS4_TA18	✓
AS4_TA19	✓
AS4_TA20	✓
AS4_TA21	✓
AS4_TA27	✓
AS4_TA28	✓

Test Report - AS4_TA01

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA01
Test Case:	AS4_TA01_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID: AS4_TA01

Target: Message Exchange Conversation

Normative Source: [eSENS] "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. 2.UserMessage/CollaborationInfo/ConversationId provides a more general way to associate a message with an ongoing conversation, without requiring a message to be a response to a single specific previous message, but allowing update messages to existing conversations from both Sender and Receiver of the original message."

Prescription Level: Mandatory

Prerequisite: • SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile: Two-Way/Push-and-Push MEP. • SSMH sends an AS4 User Message (M1) associated to a specific conversation through variable (element) CONVERSATIONIDM1 (set by the producer). • The consumer replies to the message M1.

Predicate: The RSMH sends back a User Message (M2) with element CONVERSATIONIDM2 equal to ConversationIdM1 (set by the consumer).

Variables: CONVERSATIONIDM1: XML element (M1)
UserMessage/CollaborationInfo/ConversationId CONVERSATIONIDM2:

XML element (M2) UserMessage/CollaborationInfo/ConversationId

Tag:

Message Packaging, Correlation, Conversation ID


```
</ds:Reference>
<ds:Reference 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>r7CBJboV5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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>
</ds:SignedInfo>
<ds:SignatureValue>0Rqb5GatNMBkD5qxcPGa7cHySubKXEypCpEwqjByD85jz4Kxm6rg5+kHLoi3gjXy5A1Q8tz/ny0i
rPK5ff/yFKB2odf92yZs7HarR9PKIwMl5MnJbj5LPgoE5azRqSvdzBXTSQB7pNCe4FYUUtqSk50b
V9pY6hh0g0HtT6r7U5LJ0/Rno1M1b8vd3aeUV/CDUIT5qvuoDhjHTE/Z11LNG7qZbmjIUDULUw3
rRX6MKqMaQXdnbXwZMJ9GXEScrAZajqKFCVq3EIRJ2kuJfKbHdMPP5h9WFQ5Va1kLEIDosRPHF
bdJs0um/0S95XWe9atKEfcd4CSS7Z4pgEn8w==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-1457176374705-8090884">
<wsse:Reference URI="#XWSSGID-1457176374605681959949"
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-1457176374735-160067938">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:12:54.254Z</eb:Timestamp>
<eb:MessageId>bd025be7-b514-4dbf-9f25-70930859243d@mindentestbed.org</eb:MessageId>
<eb:RefToMessageId>67642715-a5d3-48ce-91da-d37167150f9b@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>flame-c3</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-c2</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>501831</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="RefToMessageId">67642715-a5d3-48ce-91da-d37167150f9b@mindentestbed.org</eb:Property>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Property>
<eb:Property name="ConversationId">501831</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_TOWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA01</eb:Property>
<eb:Property name="originalSender">C4</eb:Property>
<eb:Property name="Service">SRV_SIMPLE_TOWAY</eb:Property>
<eb:Property name="ToPartyId">flame-c2</eb:Property>
<eb:Property name="finalRecipient">C1</eb:Property>
<eb:Property name="MessageId">bd025be7-b514-4dbf-9f25-70930859243d@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/zip</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/zip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</env:Header>
2016-03-05 13:12:12,401: INFO - =====
2016-03-05 13:12:12,406: DEBUG - Assign free vars
2016-03-05 13:12:12,412: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:12:16,475: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:12:16,480: INFO - < Rivet finished successfully
2016-03-05 13:12:16,485: INFO - -----
2016-03-05 13:12:16,490: INFO - > RUN RIVET 8
2016-03-05 13:12:16,496: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:12:16,501: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:12:16,508: INFO - RECEIPT
2016-03-05 13:12:16,513: 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-1457176379781-
205926604">MIIDZCAcL0gAwIBAgIEEzBnRzANBgkqhkiG9w0BAQsFADBmMQ8wDQYDVQQGEWZmbGtZTlxdzANBgNVBAGTBmZsYW11MjEPMA0GA1UEBxMGZmxhbWUyMQ8wDQYDVQQKEWZ
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2016-03-05 13:12:16,554: INFO - > RUN RIVET 9
2016-03-05 13:12:16,560: DEBUG - > Wait For Signal:genericAS4Corner1|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:16,565: DEBUG - < Signal Arrived: genericAS4Corner1|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:16,570: INFO - -----
2016-03-05 13:12:16,575: INFO - Corner1 Received Payloads:
2016-03-05 13:12:16,580: INFO - Data
2016-03-05 13:12:16,585: INFO - originalSender: C4
2016-03-05 13:12:16,591: INFO - finalRecipient: C1
2016-03-05 13:12:16,596: INFO - refToMessageId: 67642715-a5d3-48ce-91da-d37167150f9b@mindertestbed.org
2016-03-05 13:12:16,601: INFO - conversationId: 501831
2016-03-05 13:12:16,606: INFO - messageId: bd025be7-b514-4dbf-9f25-70930859243d@mindertestbed.org
2016-03-05 13:12:16,611: INFO - to: flame-c2
2016-03-05 13:12:16,616: INFO - from: null
2016-03-05 13:12:16,621: INFO - pModeId: null
2016-03-05 13:12:16,628: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:12:16,633: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:12:16,638: INFO - xmlhttpload@minder type: application/octet-stream.
2016-03-05 13:12:16,643: INFO - <min><der>sample</der></min>
2016-03-05 13:12:16,649: INFO - -----
2016-03-05 13:12:16,654: DEBUG - Assign free vars
2016-03-05 13:12:16,659: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:16,666: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:16,672: INFO - < Rivet finished sucessfully
2016-03-05 13:12:16,677: INFO - -----

2016-03-05 13:12:16,683: INFO - > RUN RIVET 10
2016-03-05 13:12:16,688: DEBUG - > Wait For Signal:genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:18,856: DEBUG - < Signal Arrived: genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:18,861: INFO - Corner1/4 backend NOTIFICATION
2016-03-05 13:12:18,866: INFO - Receipt
2016-03-05 13:12:18,871: INFO - bd025be7-b514-4dbf-9f25-70930859243d@mindertestbed.org
2016-03-05 13:12:18,877: INFO - null
2016-03-05 13:12:18,882: INFO - null
2016-03-05 13:12:18,887: DEBUG - Assign free vars
2016-03-05 13:12:18,892: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:18,898: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:18,912: INFO - < Rivet finished sucessfully
2016-03-05 13:12:18,917: INFO - -----

2016-03-05 13:12:18,923: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA02

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA02
Test Case:	AS4_TA02_TC02
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA02
Target:	User Message Exchange Parameters
Normative Source:	[eSENS] "A compliant product must allow the Producer, when submitting messages, to set values for MessageId, RefToMessageId and ConversationId, to support correlation)."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile: One-Way/Push MEP.• Producer submits a Message including metadata information and payload to the SSMH with setting message parameters: MESSAGEID, REFTOMESSAGEID and CONVERSATIONID.
Predicate:	The SSMH returns a successful submission Notification and the AS4 Message generated by the SSMH contains the same parameters values set by the producer.
Variables:	MESSAGEID: XML element Messaging/UserMessage/MessageInfo/MessageId REFTOMESSAGEID: XML element Messaging/UserMessage/MessageInfo/ RefToMessageId CONVERSATIONID: XML element Messaging/UserMessage /CollaborationInfo/ConversationId
Tag:	User Message

Log

```
2016-03-05 13:12:21,044: INFO - Start Test
2016-03-05 13:12:21,050: INFO - Initialize test case
2016-03-05 13:12:21,061: DEBUG - Parameters
2016-03-05 13:12:21,067: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:12:21,072: INFO - > Initialize the Adapters
2016-03-05 13:12:21,079: INFO - Call start test on NULLWRAPPER
2016-03-05 13:12:21,084: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:12:21,089: INFO - Call start test on as4-adapter
2016-03-05 13:12:21,100: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:12:21,106: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:21,112: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:21,117: INFO - Call start test on genericAS4Corner4
2016-03-05 13:12:21,124: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:12:21,130: INFO - Call start test on genericAS4Corner1
2016-03-05 13:12:21,137: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:12:21,142: INFO - > RUN RIVET 0
2016-03-05 13:12:21,148: DEBUG - Assign free vars
2016-03-05 13:12:21,153: INFO - Corner 2 flame-c2
2016-03-05 13:12:21,159: INFO - Corner 3 flame-c3
2016-03-05 13:12:21,179: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:21,184: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:21,190: INFO - < Rivet finished successfully
2016-03-05 13:12:21,195: INFO - -----

2016-03-05 13:12:21,200: INFO - > RUN RIVET 1
2016-03-05 13:12:21,205: DEBUG - Assign free vars
2016-03-05 13:12:21,210: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:21,903: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:21,908: INFO - < Rivet finished successfully
2016-03-05 13:12:21,913: INFO - -----

2016-03-05 13:12:21,918: INFO - > RUN RIVET 2
2016-03-05 13:12:21,923: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:12:24,847: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:12:24,853: INFO - C2 AS4 Message
2016-03-05 13:12:24,861: 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-1457176387237-1540425489">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:13:06.807Z</eb:Timestamp>
<eb:MessageId>422331-106409@mindertestbed.org</eb:MessageId>
<eb:RefToMessageId>829265-779276@mindertestbed.org</eb:RefToMessageId>
</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>106480</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="RefToMessageId">829265-779276@mindertestbed.org</eb:Property>
<eb:Property name="ToPartyRole">http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Property>
<eb:Property name="ConversationId">106480</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA02</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">422331-106409@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/zip</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/zip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:12:24,872: INFO - -----
2016-03-05 13:12:24,877: INFO - AS4 message id: 422331-106409@mindertestbed.org
```



```
</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/I811CUMDveI8Lp5J14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:12:29,349: INFO - =====
2016-03-05 13:12:29,355: DEBUG - Assign free vars
2016-03-05 13:12:29,361: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:12:29,372: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:12:29,378: INFO - < Rivet finished successfully
2016-03-05 13:12:29,383: INFO - -----

2016-03-05 13:12:29,388: INFO - > RUN RIVET 4
2016-03-05 13:12:29,394: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:29,399: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:29,404: INFO - -----
2016-03-05 13:12:29,409: INFO - Corner4 Received Payloads:
2016-03-05 13:12:29,415: INFO - Data
2016-03-05 13:12:29,420: INFO - originalSender: C1
2016-03-05 13:12:29,425: INFO - finalRecipient: C4
2016-03-05 13:12:29,431: INFO - refToMessageId: 829265-779276@mindertestbed.org
2016-03-05 13:12:29,436: INFO - conversationId: 106480
2016-03-05 13:12:29,441: INFO - messageId: 422331-106409@mindertestbed.org
2016-03-05 13:12:29,446: INFO - to: flame-c3
2016-03-05 13:12:29,451: INFO - from: null
2016-03-05 13:12:29,457: INFO - pModeId: null
2016-03-05 13:12:29,464: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:12:29,470: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:12:29,476: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:12:29,481: INFO - <min><der>sample</der></min>
2016-03-05 13:12:29,486: INFO - -----
2016-03-05 13:12:29,492: DEBUG - Assign free vars
2016-03-05 13:12:29,497: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:29,503: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:29,508: INFO - < Rivet finished successfully
2016-03-05 13:12:29,514: INFO - -----

2016-03-05 13:12:29,519: INFO - > RUN RIVET 5
2016-03-05 13:12:29,525: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:31,485: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:31,492: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:12:31,497: INFO - Receipt
2016-03-05 13:12:31,502: INFO - 422331-106409@mindertestbed.org
2016-03-05 13:12:31,507: INFO - null
2016-03-05 13:12:31,513: INFO - null
2016-03-05 13:12:31,519: DEBUG - Assign free vars
2016-03-05 13:12:31,524: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:31,530: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:31,538: INFO - < Rivet finished successfully
2016-03-05 13:12:31,543: INFO - -----

2016-03-05 13:12:31,548: INFO - > Send finish message to all wrappers
```


Test Report - AS4_TA04

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA04
Test Case:	AS4_TA04_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA04
Target:	AS4 Message format
Normative Source:	[eSENS] "Section 5.1.1 of the ebMS3 Core Specification [EBMS3] requires implementations to process both non-multipart (simple SOAP) messages and multipart (SOAP-with-attachments) messages" and this is a requirement for the AS4 ebHandler Conformance Profile.
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile: One-Way/Push MEP.• SSMH sends an AS4 message (User Message with payload) to the RSMH.
Predicate:	The RSMH sends a non-repudiation receipt to the SSMH.
Variables:	
Tag:	Message format, Message packaging, SOAP-with-attachments

Log

```
2016-03-05 13:12:33,620: INFO - Start Test
2016-03-05 13:12:33,626: INFO - Initialize test case
2016-03-05 13:12:33,635: DEBUG - Parameters
2016-03-05 13:12:33,641: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:12:33,646: INFO - > Initialize the Adapters
2016-03-05 13:12:33,652: INFO - Call start test on NULLWRAPPER
2016-03-05 13:12:33,657: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:12:33,663: INFO - Call start test on as4-adapter
2016-03-05 13:12:33,673: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:12:33,679: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:33,684: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:33,690: INFO - Call start test on genericAS4Corner4
2016-03-05 13:12:33,696: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:12:33,703: INFO - Call start test on genericAS4Corner1
2016-03-05 13:12:33,711: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:12:33,718: INFO - > RUN RIVET 0
2016-03-05 13:12:33,723: DEBUG - Assign free vars
2016-03-05 13:12:33,730: INFO - Corner 2 flame-c2
2016-03-05 13:12:33,735: INFO - Corner 3 flame-c3
2016-03-05 13:12:33,762: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:33,768: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:33,773: INFO - < Rivet finished successfully
2016-03-05 13:12:33,779: INFO - -----

2016-03-05 13:12:33,784: INFO - > RUN RIVET 1
2016-03-05 13:12:33,790: DEBUG - Assign free vars
2016-03-05 13:12:33,795: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:34,483: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:34,489: INFO - < Rivet finished successfully
2016-03-05 13:12:34,495: INFO - -----

2016-03-05 13:12:34,500: INFO - > RUN RIVET 2
2016-03-05 13:12:34,506: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:12:37,320: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:12:37,326: INFO - C2 AS4 Message
2016-03-05 13:12:37,334: 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-1457176399788659196101">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:13:19.336Z</eb:Timestamp>
<eb:MessageId>40305e2e-4bf6-49fe-a27c-7434b10763df@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>549628</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">549628</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA04</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">40305e2e-4bf6-49fe-a27c-7434b10763df@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 13:12:37,344: INFO - -----
2016-03-05 13:12:37,349: INFO - AS4 message id: 40305e2e-4bf6-49fe-a27c-7434b10763df@mindertestbed.org
2016-03-05 13:12:37,408: INFO - -----
2016-03-05 13:12:37,413: INFO - Attachments
```



```
<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=r7CB3bov5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</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=yQDt8J9CgV+e+tbF0U3wVj/I811CUMdveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:12:41,587: INFO - =====
2016-03-05 13:12:41,593: DEBUG - Assign free vars
2016-03-05 13:12:41,598: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:12:41,615: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:12:41,625: INFO - < Rivet finished successfully
2016-03-05 13:12:41,630: INFO - -----

2016-03-05 13:12:41,636: INFO - > RUN RIVET 4
2016-03-05 13:12:41,641: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:41,646: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:41,652: INFO - -----
2016-03-05 13:12:41,657: INFO - Corner4 Received Payloads:
2016-03-05 13:12:41,662: INFO - Data
2016-03-05 13:12:41,667: INFO - originalSender: C1
2016-03-05 13:12:41,677: INFO - finalRecipient: C4
2016-03-05 13:12:41,682: INFO - refToMessageId: null
2016-03-05 13:12:41,687: INFO - conversationId: 549628
2016-03-05 13:12:41,693: INFO - messageId: 40305e2e-4bf6-49fe-a27c-7434b10763df@mindertestbed.org
2016-03-05 13:12:41,698: INFO - to: flame-c3
2016-03-05 13:12:41,703: INFO - from: null
2016-03-05 13:12:41,708: INFO - pModeId: null
2016-03-05 13:12:41,715: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:12:41,720: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:12:41,725: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:12:41,730: INFO - <min><der>sample</der></min>
2016-03-05 13:12:41,736: INFO - -----
2016-03-05 13:12:41,741: DEBUG - Assign free vars
2016-03-05 13:12:41,746: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:41,760: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:41,765: INFO - < Rivet finished successfully
2016-03-05 13:12:41,771: INFO - -----

2016-03-05 13:12:41,776: INFO - > RUN RIVET 5
2016-03-05 13:12:41,781: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:43,820: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:43,826: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:12:43,832: INFO - Receipt
2016-03-05 13:12:43,837: INFO - 40305e2e-4bf6-49fe-a27c-7434b10763df@mindertestbed.org
2016-03-05 13:12:43,842: INFO - null
2016-03-05 13:12:43,848: INFO - null
2016-03-05 13:12:43,854: DEBUG - Assign free vars
2016-03-05 13:12:43,859: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:43,865: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:43,871: INFO - < Rivet finished successfully
2016-03-05 13:12:43,876: INFO - -----

2016-03-05 13:12:43,881: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA05

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA05
Test Case:	AS4_TA05_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA05
Target:	AS4 Message format
Normative Source:	[eSENS] "Section 5.1.1 of the ebMS3 Core Specification [EBMS3] requires implementations to process both non-multipart (simple SOAP) messages and multipart (SOAP-with-attachments) messages"
Prescription Level:	Mandatory
Prerequisite:	• AS4_TA04
Predicate:	The SSMH sends a success notification to the producer.
Variables:	
Tag:	Message format, simple SOAP

Log

```
2016-03-05 13:12:45,940: INFO - Start Test
2016-03-05 13:12:45,945: INFO - Initialize test case
2016-03-05 13:12:45,954: DEBUG - Parameters
2016-03-05 13:12:45,960: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:12:45,965: INFO - > Initialize the Adapters
2016-03-05 13:12:45,970: INFO - Call start test on NULLWRAPPER
2016-03-05 13:12:45,976: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:12:45,981: INFO - Call start test on as4-adapter
2016-03-05 13:12:45,991: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:12:45,998: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:46,003: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:46,009: INFO - Call start test on genericAS4Corner4
2016-03-05 13:12:46,015: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:12:46,022: INFO - Call start test on genericAS4Corner1
2016-03-05 13:12:46,028: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:12:46,034: INFO - > RUN RIVET 0
2016-03-05 13:12:46,040: DEBUG - Assign free vars
2016-03-05 13:12:46,046: INFO - Corner 2 flame-c2
2016-03-05 13:12:46,052: INFO - Corner 3 flame-c3
2016-03-05 13:12:46,068: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:46,074: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:46,080: INFO - < Rivet finished successfully
2016-03-05 13:12:46,085: INFO - -----

2016-03-05 13:12:46,090: INFO - > RUN RIVET 1
2016-03-05 13:12:46,096: DEBUG - Assign free vars
2016-03-05 13:12:46,101: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:47,612: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:47,618: INFO - < Rivet finished successfully
2016-03-05 13:12:47,624: INFO - -----

2016-03-05 13:12:47,629: INFO - > RUN RIVET 2
2016-03-05 13:12:47,634: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:12:50,555: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:12:50,560: INFO - C2 AS4 Message
2016-03-05 13:12:50,581: 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-14571764130301709702529">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:13:32.523Z</eb:Timestamp>
<eb:MessageId>b80a41d1-5183-430c-b0eb-01ba3e7a9c65@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>517116</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">517116</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA05</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">b80a41d1-5183-430c-b0eb-01ba3e7a9c65@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 13:12:50,592: INFO - -----
2016-03-05 13:12:50,597: INFO - AS4 message id: b80a41d1-5183-430c-b0eb-01ba3e7a9c65@mindertestbed.org
2016-03-05 13:12:50,649: INFO - -----
2016-03-05 13:12:50,654: INFO - Attachments
```



```
<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=r7CB3bov5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</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=yQDtBJU9CgV+e+tbF0U3wVj/I811CUMdveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:12:55,371: INFO - =====
2016-03-05 13:12:55,377: DEBUG - Assign free vars
2016-03-05 13:12:55,382: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:12:55,393: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:12:55,400: INFO - < Rivet finished successfully
2016-03-05 13:12:55,407: INFO - -----

2016-03-05 13:12:55,415: INFO - > RUN RIVET 4
2016-03-05 13:12:55,421: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:55,428: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:12:55,433: INFO - -----
2016-03-05 13:12:55,438: INFO - Corner4 Received Payloads:
2016-03-05 13:12:55,447: INFO - Data
2016-03-05 13:12:55,455: INFO - originalSender: C1
2016-03-05 13:12:55,463: INFO - finalRecipient: C4
2016-03-05 13:12:55,469: INFO - refToMessageId: null
2016-03-05 13:12:55,475: INFO - conversationId: 517116
2016-03-05 13:12:55,481: INFO - messageId: b80a41d1-5183-430c-b0eb-01ba3e7a9c65@mindertestbed.org
2016-03-05 13:12:55,487: INFO - to: flame-c3
2016-03-05 13:12:55,495: INFO - from: null
2016-03-05 13:12:55,501: INFO - pModeId: null
2016-03-05 13:12:55,508: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:12:55,515: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:12:55,523: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:12:55,530: INFO - <min><der>sample</der></min>
2016-03-05 13:12:55,536: INFO - -----
2016-03-05 13:12:55,541: DEBUG - Assign free vars
2016-03-05 13:12:55,547: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:55,553: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:55,559: INFO - < Rivet finished successfully
2016-03-05 13:12:55,566: INFO - -----

2016-03-05 13:12:55,572: INFO - > RUN RIVET 5
2016-03-05 13:12:55,577: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:57,615: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:12:57,621: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:12:57,627: INFO - Receipt
2016-03-05 13:12:57,632: INFO - b80a41d1-5183-430c-b0eb-01ba3e7a9c65@mindertestbed.org
2016-03-05 13:12:57,637: INFO - null
2016-03-05 13:12:57,642: INFO - null
2016-03-05 13:12:57,649: DEBUG - Assign free vars
2016-03-05 13:12:57,654: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:57,660: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:57,667: INFO - < Rivet finished successfully
2016-03-05 13:12:57,672: INFO - -----

2016-03-05 13:12:57,677: INFO - > Send finish message to all wrappers
```


Test Report - AS4_TA06

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA06
Test Case:	AS4_TA06_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA06
Target:	Payload compression mandatory
Normative Source:	[eSENS] "Due to the mandatory use of AS4 compression (see paragraph below), XML Payloads are exchanged as compressed binary data"
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• 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 XML payload to the SSMH.
Predicate:	The SSMH generates an AS4 message with a gzip compressed payload.
Variables:	
Tag:	Payload, compression

Log

```
2016-03-05 13:12:59,724: INFO - Start Test
2016-03-05 13:12:59,730: INFO - Initialize test case
2016-03-05 13:12:59,738: DEBUG - Parameters
2016-03-05 13:12:59,743: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:12:59,749: INFO - > Initialize the Adapters
2016-03-05 13:12:59,754: INFO - Call start test on NULLWRAPPER
2016-03-05 13:12:59,759: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:12:59,765: INFO - Call start test on as4-adapter
2016-03-05 13:12:59,774: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:12:59,780: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:59,785: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:12:59,790: INFO - Call start test on genericAS4Corner4
2016-03-05 13:12:59,797: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:12:59,803: INFO - Call start test on genericAS4Corner1
2016-03-05 13:12:59,815: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:12:59,822: INFO - > RUN RIVET 0
2016-03-05 13:12:59,827: DEBUG - Assign free vars
2016-03-05 13:12:59,832: INFO - Corner 2 flame-c2
2016-03-05 13:12:59,838: INFO - Corner 3 flame-c3
2016-03-05 13:12:59,858: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:12:59,868: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:12:59,874: INFO - < Rivet finished successfully
2016-03-05 13:12:59,879: INFO - -----

2016-03-05 13:12:59,884: INFO - > RUN RIVET 1
2016-03-05 13:12:59,890: DEBUG - Assign free vars
2016-03-05 13:12:59,895: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:01,027: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:01,033: INFO - < Rivet finished successfully
2016-03-05 13:13:01,038: INFO - -----

2016-03-05 13:13:01,044: INFO - > RUN RIVET 2
2016-03-05 13:13:01,049: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:03,805: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:03,811: INFO - C2 AS4 Message
2016-03-05 13:13:03,825: 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-14571764263211967241963">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:13:45.851Z</eb:Timestamp>
<eb:MessageId>e37aec53-644c-4dd0-ab18-0eaa39bbe448@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>656341</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">656341</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_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">e37aec53-644c-4dd0-ab18-0eaa39bbe448@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 13:13:03,831: INFO - -----
2016-03-05 13:13:03,843: INFO - AS4 message id: e37aec53-644c-4dd0-ab18-0eaa39bbe448@mindertestbed.org
2016-03-05 13:13:03,849: INFO - CompressionType Property for Custom Payload:
2016-03-05 13:13:03,855: INFO - <?xml version="1.0" encoding="UTF-8"?>
```

```
<eb:Property 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"
name="CompressionType">application/gzip</eb:Property>
2016-03-05 13:13:03,861: INFO - CompressionType Property for XML Payload:
2016-03-05 13:13:03,866: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Property 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"
name="CompressionType">application/gzip</eb:Property>
2016-03-05 13:13:03,986: INFO - -----
2016-03-05 13:13:03,991: INFO - Attachments
2016-03-05 13:13:03,999: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:13:04,006: INFO - Compressed HEX payload:
1F8B08000000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCDF351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:13:04,011: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:13:04,016: INFO -
2016-03-05 13:13:04,021: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:13:04,027: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9DC0CB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:13:04,032: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:13:04,037: INFO -
2016-03-05 13:13:04,044: INFO - Forward message to the other side: 1457176384043
2016-03-05 13:13:04,049: DEBUG - Assign free vars
2016-03-05 13:13:04,055: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:08,393: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:08,398: INFO - < Rivet finished successfully
2016-03-05 13:13:08,404: INFO - -----

2016-03-05 13:13:08,409: INFO - > RUN RIVET 3
2016-03-05 13:13:08,414: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:08,419: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:08,424: INFO - Received Receipt: 1457176388424
2016-03-05 13:13:08,430: INFO - RECEIPT
2016-03-05 13:13:08,439: 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-1457176431668595126645">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:13:51.641Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131347.943-0.7903747755184174@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>e37aec53-644c-4dd0-ab18-0eaa39bbe448@minderstestbed.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-14571764263211967241963">
<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>2JsGiAXDoVLRnLBCdVWp0eD0bLz2oe0hN1N0tUeA=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571764263213496575">
<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>FAUxs5aftFFFn8bbpjZNAzWp4YqoCAFSqm6Vi0kZfE=</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>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</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>
2016-03-05 13:13:08,444: INFO - =====
2016-03-05 13:13:08,453: DEBUG - Assign free vars
2016-03-05 13:13:08,458: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:08,471: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:08,477: INFO - < Rivet finished successfully
2016-03-05 13:13:08,482: INFO - -----
```

```
2016-03-05 13:13:08,488: INFO - > RUN RIVET 4
2016-03-05 13:13:08,493: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:08,507: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:08,513: INFO - -----
2016-03-05 13:13:08,518: INFO - Corner4 Received Payloads:
2016-03-05 13:13:08,524: INFO - Data
2016-03-05 13:13:08,537: INFO - originalSender: C1
2016-03-05 13:13:08,543: INFO - finalRecipient: C4
2016-03-05 13:13:08,548: INFO - refToMessageId: null
2016-03-05 13:13:08,553: INFO - conversationId: 656341
2016-03-05 13:13:08,558: INFO - messageId: e37aec53-644c-4dd0-ab18-0eaa39bbe448@mindertestbed.org
2016-03-05 13:13:08,563: INFO - to: flame-c3
2016-03-05 13:13:08,568: INFO - from: null
2016-03-05 13:13:08,574: INFO - pModeId: null
2016-03-05 13:13:08,580: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:13:08,585: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:13:08,590: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:13:08,596: INFO - <min><der>sample</der></min>
2016-03-05 13:13:08,601: INFO - -----
2016-03-05 13:13:08,606: DEBUG - Assign free vars
2016-03-05 13:13:08,612: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:08,618: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:08,624: INFO - < Rivet finished sucessfully
2016-03-05 13:13:08,629: INFO - -----

2016-03-05 13:13:08,635: INFO - > RUN RIVET 5
2016-03-05 13:13:08,640: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:10,693: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:10,700: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:13:10,705: INFO - Receipt
2016-03-05 13:13:10,710: INFO - e37aec53-644c-4dd0-ab18-0eaa39bbe448@mindertestbed.org
2016-03-05 13:13:10,715: INFO - null
2016-03-05 13:13:10,721: INFO - null
2016-03-05 13:13:10,727: DEBUG - Assign free vars
2016-03-05 13:13:10,732: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:10,747: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:10,756: INFO - < Rivet finished sucessfully
2016-03-05 13:13:10,762: INFO - -----

2016-03-05 13:13:10,767: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA07

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA07
Test Case:	AS4_TA07_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA07
Target:	Payload Compression
Normative Source:	[eSENS] "The PartInfo element in the message header that relates to the compressed message part, must have an Property element with @name="CompressionType" ... The content type of the compressed attachment must be "application/gzip""
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• Producer submits a Message with metadata information and payload to the SMSH.
Predicate:	In the AS4 message generated by the SMSH, a property element with name "CompressionType" and value set to "application/gzip" is present.
Variables:	
Tag:	Payload, compression, compression Type

Log

```
2016-03-05 13:13:12,833: INFO - Start Test
2016-03-05 13:13:12,839: INFO - Initialize test case
2016-03-05 13:13:12,847: DEBUG - Parameters
2016-03-05 13:13:12,853: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:13:12,858: INFO - > Initialize the Adapters
2016-03-05 13:13:12,863: INFO - Call start test on NULLWRAPPER
2016-03-05 13:13:12,869: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:13:12,874: INFO - Call start test on as4-adapter
2016-03-05 13:13:12,885: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:13:12,892: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:12,898: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:12,905: INFO - Call start test on genericAS4Corner4
2016-03-05 13:13:12,912: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:13:12,918: INFO - Call start test on genericAS4Corner1
2016-03-05 13:13:12,927: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:13:12,933: INFO - > RUN RIVET 0
2016-03-05 13:13:12,939: DEBUG - Assign free vars
2016-03-05 13:13:12,945: INFO - Corner 2 flame-c2
2016-03-05 13:13:12,950: INFO - Corner 3 flame-c3
2016-03-05 13:13:12,964: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:12,970: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:12,982: INFO - < Rivet finished successfully
2016-03-05 13:13:12,988: INFO - -----

2016-03-05 13:13:12,993: INFO - > RUN RIVET 1
2016-03-05 13:13:12,998: DEBUG - Assign free vars
2016-03-05 13:13:13,003: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:13,694: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:13,700: INFO - < Rivet finished successfully
2016-03-05 13:13:13,705: INFO - -----

2016-03-05 13:13:13,710: INFO - > RUN RIVET 2
2016-03-05 13:13:13,715: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:16,540: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:16,546: INFO - C2 AS4 Message
2016-03-05 13:13:16,554: 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-1457176439045576505783">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:13:58.583Z</eb:Timestamp>
<eb:MessageId>3b2f53a8-a940-4840-8680-a29e24f4e090@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>860455</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">860455</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA07</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">3b2f53a8-a940-4840-8680-a29e24f4e090@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 13:13:16,563: INFO - -----
2016-03-05 13:13:16,569: INFO - AS4 message id: 3b2f53a8-a940-4840-8680-a29e24f4e090@mindentestbed.org
2016-03-05 13:13:16,576: INFO - CompressionType Property for Custom Payload:
2016-03-05 13:13:16,582: INFO - <?xml version="1.0" encoding="UTF-8"?>
```

```

<eb:Property 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"
name="CompressionType">application/gzip</eb:Property>
2016-03-05 13:13:16,588: INFO - CompressionType Property for XML Payload:
2016-03-05 13:13:16,594: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Property 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"
name="CompressionType">application/gzip</eb:Property>
2016-03-05 13:13:16,647: INFO - -----
2016-03-05 13:13:16,652: INFO - Attachments
2016-03-05 13:13:16,660: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:13:16,665: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCDF351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:13:16,671: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:13:16,676: INFO -
2016-03-05 13:13:16,681: INFO - Attachment ID: <xmllpayload@minder>, MimeType: application/gzip
2016-03-05 13:13:16,686: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9DC0CB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:13:16,692: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:13:16,697: INFO -
2016-03-05 13:13:16,704: INFO - Forward message to the other side: 1457176396703
2016-03-05 13:13:16,709: DEBUG - Assign free vars
2016-03-05 13:13:16,715: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:20,751: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:20,756: INFO - < Rivet finished successfully
2016-03-05 13:13:20,762: INFO - -----

2016-03-05 13:13:20,767: INFO - > RUN RIVET 3
2016-03-05 13:13:20,772: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:20,777: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:20,783: INFO - Received Receipt: 1457176400783
2016-03-05 13:13:20,788: INFO - RECEIPT
2016-03-05 13:13:20,803: 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-1457176444067-1082218867">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:04.058Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131400.623-0.3223577896841229@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>3b2f53a8-a940-4840-8680-a29e24f4e090@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-1457176439045576505783">
<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>4X+oj+wgAWpdcyJR3L40k/7kuPi9Vna2nWjMSup0XY=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176439046176808951">
<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>2J0DXUI926eLR2YC03TVe+1Gz0m28LE7Y0q445p4PQo=</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>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmllpayload@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/I811CUMDveI8Lp5J14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:13:20,808: INFO - =====
2016-03-05 13:13:20,816: DEBUG - Assign free vars
2016-03-05 13:13:20,821: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:20,831: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:20,839: INFO - < Rivet finished successfully
2016-03-05 13:13:20,847: INFO - -----

```

```
2016-03-05 13:13:20,855: INFO - > RUN RIVET 4
2016-03-05 13:13:20,863: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:20,871: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:20,879: INFO - -----
2016-03-05 13:13:20,886: INFO - Corner4 Received Payloads:
2016-03-05 13:13:20,895: INFO - Data
2016-03-05 13:13:20,900: INFO - originalSender: C1
2016-03-05 13:13:20,905: INFO - finalRecipient: C4
2016-03-05 13:13:20,911: INFO - refToMessageId: null
2016-03-05 13:13:20,916: INFO - conversationId: 860455
2016-03-05 13:13:20,921: INFO - messageId: 3b2f53a8-a940-4840-8680-a29e24f4e090@mindertestbed.org
2016-03-05 13:13:20,926: INFO - to: flame-c3
2016-03-05 13:13:20,931: INFO - from: null
2016-03-05 13:13:20,936: INFO - pModeId: null
2016-03-05 13:13:20,942: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:13:20,948: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:13:20,953: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:13:20,960: INFO - <min><der>sample</der></min>
2016-03-05 13:13:20,965: INFO - -----
2016-03-05 13:13:20,970: DEBUG - Assign free vars
2016-03-05 13:13:20,975: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:20,981: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:20,988: INFO - < Rivet finished sucessfully
2016-03-05 13:13:20,993: INFO - -----

2016-03-05 13:13:20,998: INFO - > RUN RIVET 5
2016-03-05 13:13:21,004: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:22,996: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:23,002: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:13:23,008: INFO - Receipt
2016-03-05 13:13:23,013: INFO - 3b2f53a8-a940-4840-8680-a29e24f4e090@mindertestbed.org
2016-03-05 13:13:23,018: INFO - null
2016-03-05 13:13:23,023: INFO - null
2016-03-05 13:13:23,030: DEBUG - Assign free vars
2016-03-05 13:13:23,035: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:23,041: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:23,046: INFO - < Rivet finished sucessfully
2016-03-05 13:13:23,052: INFO - -----

2016-03-05 13:13:23,057: INFO - > Send finish message to all wrappers
```


Test Report - AS4_TA08

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA08
Test Case:	AS4_TA08_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA08
Target:	Payload Compression
Normative Source:	[eSENS] "Packaging requirements: •An PartInfo/PartProperties/Property/@name="MimeType" value is required to identify the MIME type of the payload before compression was applied."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• 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 payload (ex: xml document) and metadata information including a property element with name "MimeType" and value ("application/xml").
Predicate:	The SSMH generates an AS4 message with the property "MimeType" present and set to the value specified by the producer ("application/xml").
Variables:	
Tag:	Payload, compression, Mime Type

Log

```
2016-03-05 13:13:25,116: INFO - Start Test
2016-03-05 13:13:25,122: INFO - Initialize test case
2016-03-05 13:13:25,133: DEBUG - Parameters
2016-03-05 13:13:25,138: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:13:25,143: INFO - > Initialize the Adapters
2016-03-05 13:13:25,149: INFO - Call start test on NULLWRAPPER
2016-03-05 13:13:25,154: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:13:25,159: INFO - Call start test on as4-adapter
2016-03-05 13:13:25,168: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:13:25,174: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:25,180: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:25,185: INFO - Call start test on genericAS4Corner4
2016-03-05 13:13:25,192: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:13:25,201: INFO - Call start test on genericAS4Corner1
2016-03-05 13:13:25,208: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:13:25,214: INFO - > RUN RIVET 0
2016-03-05 13:13:25,219: DEBUG - Assign free vars
2016-03-05 13:13:25,225: INFO - Corner 2 flame-c2
2016-03-05 13:13:25,230: INFO - Corner 3 flame-c3
2016-03-05 13:13:25,246: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:25,252: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:25,258: INFO - < Rivet finished successfully
2016-03-05 13:13:25,263: INFO - -----

2016-03-05 13:13:25,273: INFO - > RUN RIVET 1
2016-03-05 13:13:25,279: DEBUG - Assign free vars
2016-03-05 13:13:25,284: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:26,463: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:26,469: INFO - < Rivet finished successfully
2016-03-05 13:13:26,474: INFO - -----

2016-03-05 13:13:26,479: INFO - > RUN RIVET 2
2016-03-05 13:13:26,484: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:30,223: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:30,229: INFO - C2 AS4 Message
2016-03-05 13:13:30,243: 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-1457176451638-538334993">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:11.183Z</eb:Timestamp>
<eb:MessageId>2c8f0dd8-b5d3-4ee4-a6d3-d34df75422c6@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>335127</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">335127</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_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">2c8f0dd8-b5d3-4ee4-a6d3-d34df75422c6@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 13:13:30,252: INFO - -----
2016-03-05 13:13:30,257: INFO - AS4 message id: 2c8f0dd8-b5d3-4ee4-a6d3-d34df75422c6@mindertestbed.org
2016-03-05 13:13:30,263: INFO - Mime Type Property for Xml Payload:
2016-03-05 13:13:30,268: INFO - application/xml
2016-03-05 13:13:30,273: DEBUG - Assign free vars
2016-03-05 13:13:30,278: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:34,377: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:34,382: INFO - < Rivet finished successfully
2016-03-05 13:13:34,387: INFO - -----

2016-03-05 13:13:34,392: INFO - > RUN RIVET 3
```

```
2016-03-05 13:13:34,397: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:34,403: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:34,409: INFO - Received Receipt: 1457176414408
2016-03-05 13:13:34,414: INFO - RECEIPT
2016-03-05 13:13:34,421: 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: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"
S12:mustUnderstand="true"
wssu:Id="XWSSGID-14571764576901805894383">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:17.680Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131414.174-0.6860506979245777@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>2c8f0dd8-b5d3-4ee4-a6d3-d34df75422c6@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbbsig:NonRepudiationInformation xmlns:ebbbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176451638-538334993">
<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>FjhQ2MzyUmHyxD9pyeHBPZ7oVfOxLWFU1P7hejF3+k=</ds:DigestValue>
</ds:Reference>
</ebbbsig:MessagePartNRInformation>
<ebbbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176451640-1195182372">
<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>TZcnLTcGxRvSLBHVgZKhtIU+cFQoZmc2WrXmz1UD8=</ds:DigestValue>
</ds:Reference>
</ebbbsig:MessagePartNRInformation>
<ebbbsig: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>
</ebbbsig:MessagePartNRInformation>
</ebbbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:13:34,427: INFO - =====
2016-03-05 13:13:34,432: DEBUG - Assign free vars
2016-03-05 13:13:34,438: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:34,452: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:34,458: INFO - < Rivet finished successfully
2016-03-05 13:13:34,463: INFO - -----

2016-03-05 13:13:34,468: INFO - > RUN RIVET 4
2016-03-05 13:13:34,474: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:34,479: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:34,484: INFO - -----
2016-03-05 13:13:34,490: INFO - Corner4 Received Payloads:
2016-03-05 13:13:34,495: INFO - Data
2016-03-05 13:13:34,500: INFO - originalSender: C1
2016-03-05 13:13:34,505: INFO - finalRecipient: C4
2016-03-05 13:13:34,511: INFO - refToMessageId: null
2016-03-05 13:13:34,516: INFO - conversationId: 335127
2016-03-05 13:13:34,521: INFO - messageId: 2c8f0dd8-b5d3-4ee4-a6d3-d34df75422c6@mindentestbed.org
2016-03-05 13:13:34,526: INFO - to: flame-c3
2016-03-05 13:13:34,532: INFO - from: null
2016-03-05 13:13:34,537: INFO - pModeId: null
2016-03-05 13:13:34,545: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:13:34,550: INFO - <min><der>sample</der></min>
2016-03-05 13:13:34,556: INFO - -----
2016-03-05 13:13:34,561: DEBUG - Assign free vars
2016-03-05 13:13:34,566: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:34,572: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:34,578: INFO - < Rivet finished successfully
2016-03-05 13:13:34,583: INFO - -----

2016-03-05 13:13:34,588: INFO - > RUN RIVET 5
2016-03-05 13:13:34,594: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:36,697: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:36,704: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:13:36,709: INFO - Receipt
2016-03-05 13:13:36,714: INFO - 2c8f0dd8-b5d3-4ee4-a6d3-d34df75422c6@mindentestbed.org
2016-03-05 13:13:36,720: INFO - null
2016-03-05 13:13:36,725: INFO - null
2016-03-05 13:13:36,731: DEBUG - Assign free vars
2016-03-05 13:13:36,736: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:36,742: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:36,748: INFO - < Rivet finished successfully
2016-03-05 13:13:36,753: INFO - -----

2016-03-05 13:13:36,758: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA09

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA09
Test Case:	AS4_TA09_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA09
Target:	PartInfo mimeType
Normative Source:	[eSENS] "Packaging requirements: •An PartInfo/PartProperties/Property/@name="MimeType" value is required to identify the MIME type of the payload before compression was applied."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• The SSMH is simulated to send an AS4 message without property "MimeType" present to the RSMH.
Predicate:	The RSMH sends a synchronous ebMS error response.
Variables:	
Tag:	Payload, Compression, Mime Type

Log

```
2016-03-05 13:13:38,812: INFO - Start Test
2016-03-05 13:13:38,817: INFO - Initialize test case
2016-03-05 13:13:38,828: DEBUG - Parameters
2016-03-05 13:13:38,834: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:13:38,839: INFO - > Initialize the Adapters
2016-03-05 13:13:38,845: INFO - Call start test on NULLWRAPPER
2016-03-05 13:13:38,850: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:13:38,856: INFO - Call start test on as4-adapter
2016-03-05 13:13:38,866: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:13:38,873: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:38,878: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:38,883: INFO - Call start test on genericAS4Corner1
2016-03-05 13:13:38,890: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:13:38,896: INFO - > RUN RIVET 0
2016-03-05 13:13:38,901: DEBUG - Assign free vars
2016-03-05 13:13:38,908: INFO - Corner 2 flame-c2
2016-03-05 13:13:38,913: INFO - Corner 3 flame-c3
2016-03-05 13:13:38,936: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:38,942: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:38,948: INFO - < Rivet finished successfully
2016-03-05 13:13:38,953: INFO - -----

2016-03-05 13:13:38,958: INFO - > RUN RIVET 1
2016-03-05 13:13:38,964: DEBUG - Assign free vars
2016-03-05 13:13:38,969: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:39,928: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:13:39,934: INFO - < Rivet finished successfully
2016-03-05 13:13:39,940: INFO - -----

2016-03-05 13:13:39,945: INFO - > RUN RIVET 2
2016-03-05 13:13:39,950: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:42,551: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:13:42,557: INFO - C2 AS4 Message
2016-03-05 13:13:42,568: 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-14571764650401577344834">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:24.604Z</eb:Timestamp>
<eb:MessageId>3fb51534-36bf-4338-9232-efefa71be5b5@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>628507</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">628507</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_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">3fb51534-36bf-4338-9232-efefa71be5b5@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 13:13:42,573: INFO - -----
2016-03-05 13:13:42,578: INFO - AS4 message id: 3fb51534-36bf-4338-9232-efefa71be5b5@mindentestbed.org
2016-03-05 13:13:42,631: INFO - Mime Type Property for Xml Payload:
2016-03-05 13:13:42,636: INFO - application/xml
2016-03-05 13:13:42,641: INFO - MIME TYPE REMOVED!
2016-03-05 13:13:42,647: 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-14571764650401577344834">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:24.604Z</eb:Timestamp>
<eb:MessageId>3fb51534-36bf-4338-9232-efefa71be5b5@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>628507</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">628507</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_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">3fb51534-36bf-4338-9232-efefa71be5b5@mindentestbed.org</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<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 13:13:42,652: INFO - =====
2016-03-05 13:13:42,697: DEBUG - Assign free vars
2016-03-05 13:13:42,702: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:43,276: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:13:43,282: INFO - < Rivet finished successfully
2016-03-05 13:13:43,287: INFO - -----

2016-03-05 13:13:43,292: INFO - > RUN RIVET 3
2016-03-05 13:13:43,297: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:43,302: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:13:43,308: INFO - Received Receipt: 1457176423308
2016-03-05 13:13:43,314: INFO - RECEIPT
2016-03-05 13:13:43,323: 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:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:env="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:26.619Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131426.561-0.7417958747018079@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>3fb51534-36bf-4338-9232-efefa71be5b5@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Content"
errorCode="EBMS:0011"
origin="ebMS"
refToMessageInError="3fb51534-36bf-4338-9232-efefa71be5b5@mindentestbed.org"
severity="failure"
shortDescription="ExternalPayloadError">
<eb:Description xml:lang="en">Compressed payload has missing MimeType in SOAPBody</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: Compressed payload has missing MimeType in SOAPBody
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.decompressionPass(PackageManager.java:2345)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:669)
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)
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:13:43,328: INFO - =====
2016-03-05 13:13:43,336: INFO - Error message
2016-03-05 13:13:43,341: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Error 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:env="http://www.w3.org/2003/05/soap-envelope"
category="Content"
errorCode="EBMS:0011"
origin="ebMS"
refToMessageInError="3fb51534-36bf-4338-9232-efefa71be5b5@mindentestbed.org"
severity="failure"
shortDescription="ExternalPayloadError">
<eb:Description xml:lang="en">Compressed payload has missing MimeType in SOAPBody</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: Compressed payload has missing MimeType in SOAPBody
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.decompressionPass(PackageManager.java:2345)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:669)
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)
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
```

```
at java.lang.Thread.run(Thread.java:745)
</eb:ErrorDetail>
</eb:Error>
2016-03-05 13:13:43,347: DEBUG - Assign free vars
2016-03-05 13:13:43,352: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:43,362: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:13:43,368: INFO - < Rivet finished sucessfully
2016-03-05 13:13:43,373: INFO - -----

2016-03-05 13:13:43,379: INFO - > RUN RIVET 4
2016-03-05 13:13:43,384: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:55,576: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:13:55,583: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:13:55,588: INFO - Error
2016-03-05 13:13:55,604: INFO - 3fb51534-36bf-4338-9232-efefa71be5b5@mindertestbed.org
2016-03-05 13:13:55,610: INFO - null
2016-03-05 13:13:55,615: INFO - null
2016-03-05 13:13:55,621: DEBUG - Assign free vars
2016-03-05 13:13:55,626: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:55,632: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:55,638: INFO - < Rivet finished sucessfully
2016-03-05 13:13:55,643: INFO - -----

2016-03-05 13:13:55,648: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA10

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA10
Test Case:	AS4_TA10_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA10
Target:	Payload CharacterSet
Normative Source:	[eSENS] "Packaging requirements: •For XML payloads, an PartInfo/PartProperties/Property/@name="CharacterSet" value is recommended to identify the character set of the payload before compression was applied. The value of this property MUST conform to the values defined in section 4.3.3 of [XML10]."
Prescription Level:	Preferred
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 xml (UTF-16) payload and metadata information including payload charset info.
Predicate:	The SSMH generates an AS4 message with the property "CharacterSet" present and set to the value "UTF-16".
Variables:	CharacterSet = Messaging/UserMessage/PayloadInfo/PartInfo/PartProperties/Property[@name='CharacterSet']
Tag:	Payload, compression, Character Set

Log

```
2016-03-05 13:13:57,743: INFO - Start Test
2016-03-05 13:13:57,748: INFO - Initialize test case
2016-03-05 13:13:57,759: DEBUG - Parameters
2016-03-05 13:13:57,764: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:13:57,769: INFO - > Initialize the Adapters
2016-03-05 13:13:57,775: INFO - Call start test on NULLWRAPPER
2016-03-05 13:13:57,780: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:13:57,785: INFO - Call start test on as4-adapter
2016-03-05 13:13:57,798: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:13:57,804: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:57,809: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:13:57,815: INFO - Call start test on genericAS4Corner4
2016-03-05 13:13:57,820: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:13:57,826: INFO - Call start test on genericAS4Corner1
2016-03-05 13:13:57,832: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:13:57,838: INFO - > RUN RIVET 0
2016-03-05 13:13:57,843: DEBUG - Assign free vars
2016-03-05 13:13:57,849: INFO - Corner 2 flame-c2
2016-03-05 13:13:57,855: INFO - Corner 3 flame-c3
2016-03-05 13:13:57,875: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:13:57,881: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:13:57,886: INFO - < Rivet finished successfully
2016-03-05 13:13:57,892: INFO - -----

2016-03-05 13:13:57,897: INFO - > RUN RIVET 1
2016-03-05 13:13:57,902: DEBUG - Assign free vars
2016-03-05 13:13:57,908: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:00,193: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:00,199: INFO - < Rivet finished successfully
2016-03-05 13:14:00,204: INFO - -----

2016-03-05 13:14:00,209: INFO - > RUN RIVET 2
2016-03-05 13:14:00,214: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:14:02,965: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:14:02,971: INFO - C2 AS4 Message
2016-03-05 13:14:02,978: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messageing 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-14571764854571001051804">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:44.994Z</eb:Timestamp>
<eb:MessageId>b5b33ea9-c755-4bf3-aadb-62fe24e8bc03@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>106297</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">106297</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA10</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">b5b33ea9-c755-4bf3-aadb-62fe24e8bc03@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:Property name="CharacterSet">utf-16</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messageing>
2016-03-05 13:14:02,988: INFO - -----
2016-03-05 13:14:02,994: INFO - AS4 message id: b5b33ea9-c755-4bf3-aadb-62fe24e8bc03@mindertestbed.org
2016-03-05 13:14:02,999: INFO - Payload CharSet: utf-16
2016-03-05 13:14:03,005: DEBUG - Assign free vars
2016-03-05 13:14:03,010: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:07,355: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:07,360: INFO - < Rivet finished successfully
2016-03-05 13:14:07,365: INFO - -----

2016-03-05 13:14:07,370: INFO - > RUN RIVET 3
```

2016-03-05 13:14:07,376: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:07,381: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:07,387: INFO - Received Receipt: 1457176447386
2016-03-05 13:14:07,399: INFO - RECEIPT
2016-03-05 13:14:07,404: 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-1457176490658-
1796626373">MIIDWTCCAKGgAwIBAgIELOkPjANBgkqhkiG9w0BAQsFADBDMQswCQYDVQ0EwJFVUeT0MAWGA1UECmFmZmxhbWUxZjAMBGNVBAcTBWZsYW1lMQ4wDAYDVQ0KEwVmbGFtZT
EOMAwGA1UECmFmZmxhbWUxZjAMBGNVBAcTBWZsYW1lMQ4wDAYDVQ0EwVmbGFtZTCCASlwdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAEm6nSt0SWMx19vZeZmktjwZe6jh
EdQXlIasUgTRARgSG3RZ0j5/AsqMGoBx0kg3Nk3eXC3pBw605c4Lb4k+y1xSkTdlE9LYVUvB/49hFyWkwiIvuwpoJ/NZGk9zJmMrvsRk+r+IyqFg47DDx/Ghr7R4IX36dlyBHoedCU1/7
4efPuiU77Uxf3x925cqK4f14aRwKXs0YDYCYU5aXXks2DfvCycrpnUC/2gdvX8R1eQYYP+2XYcVw4r/L9QBALk0vDDrLVXhiodxgH357aMYJGyufANbYXGwej5mx7jKnlJuj
6mclx0/PVmf03D8Czck4Y10A2jtsCAwEAAMhMB8wHQYDVR0OBYYEFAAsJtdYahsH087WYkQVqRktPn+MA0GCSqGSIb3DQEBCwUAA4IBAQA0pC+qzMiI00CAsEAzeKeeNE7qj3aSMKnx
mfYIIMCz0kka+ffhpdJqjSKMTL5Z5FZ22cEmLwGtVLP3+zKmv1qea4Y0c1RQsFtYVL8KB/A6k0/KeLvfvIXAZ7EkbAoHsVUgXjji08LPBZKx31L9BpBEKxR4iGc+Kwe8pyu8dgrzJVz
arCDVeGLR0Uwb15QnMaFyP64LontGK6IdjAxSLX0eqQWfDco3WX9q9F3b+NlnSW+8NY1bvgeUhcV3LhYVdLwAN571nD5+jP5JGRHH/+DY0ih/ePtFU2tII0G+xc4amdFcCn/XN3gqC
wjXagQlaomS14ssvxxqGoL</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
Id="XWSSGID-1457176490658928650113">
<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-1457176490660-1425308329">
<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>DIL0VpRrVltRQHWXl5a4nxMjFPMSSoy9xCoxFeBrkK4=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-1457176490660-329110707">
<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>qbuNt45Jde5QKK0hm2Q+sYBcQX9i52hx+2E3tIWZcss=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>0X4dLdFgtXts1Io4Ms2Bs4XvzMteupPMNRYwqferme/KEpW4bJY+bFmL9PWWTzu5486GKkNur3
AAUw7Mk0YUEI0d5S8tZqZuBx67/S4I+f5Z2UHCQR83LBeph6WqY7B1TN7NsX9miJ9bicUwXGy
7D8lVU5LGHfIAb00HsxpnrEBUhiW9DkHdsDFPRtaS9CVZAK86ItFbGMY84YjrMpZu/5+Z15Yr4nY
w05iUjXl0AoeHfusd+j3dM+6f+TiPH4DgEc0ni05DgbfStEbaR5z7q7Xp0XbaDv6FiuE9m0rXG
7tIPs5m2otcGwRkhhLWK0GYcB+95rn5mS9Vw=</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-1457176490660-1257157357">
<wsse:Reference URI="#XWSSGID-1457176490658-1796626373"
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-1457176490660-1425308329">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:50.650Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131447.374-0.9971887011971065@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>b5b33ea9-c755-4bf3-aadb-62fe24e8bc03@minderstestbed.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-14571764854571001051804">
<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>jusdmWammI78AEcILFCzdJzlbH0XMatWqrWr5c3y9V4=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
URI="#XWSSGID-1457176485461435656775">
<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>Wd+s1DqRE5sa+gNxfzTG09dVBykcuT738L878eL8=</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-more#sha256"/>
<ds:DigestValue>L9PV0kdcQgrSg3n+TuaIzFJdmf6SD+0JZsEg9bFD2D9c=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:14:07,410: INFO - =====
2016-03-05 13:14:07,416: DEBUG - Assign free vars
2016-03-05 13:14:07,421: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])

```
2016-03-05 13:14:07,432: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:14:07,437: INFO - < Rivet finished sucessfully
2016-03-05 13:14:07,442: INFO - -----

2016-03-05 13:14:07,448: INFO - > RUN RIVET 4
2016-03-05 13:14:07,453: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:07,458: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:07,464: INFO - -----
2016-03-05 13:14:07,469: INFO - Corner4 Received Payloads:
2016-03-05 13:14:07,474: INFO - Data
2016-03-05 13:14:07,479: INFO - originalSender: C1
2016-03-05 13:14:07,485: INFO - finalRecipient: C4
2016-03-05 13:14:07,490: INFO - refToMessageId: null
2016-03-05 13:14:07,495: INFO - conversationId: 106297
2016-03-05 13:14:07,500: INFO - messageId: b5b33ea9-c755-4bf3-aadb-62fe24e8bc03@mindertestbed.org
2016-03-05 13:14:07,506: INFO - to: flame-c3
2016-03-05 13:14:07,511: INFO - from: null
2016-03-05 13:14:07,516: INFO - pModeId: null
2016-03-05 13:14:07,529: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:14:07,534: INFO - <<<min><der>sample</der></min>
2016-03-05 13:14:07,539: INFO - -----
2016-03-05 13:14:07,545: DEBUG - Assign free vars
2016-03-05 13:14:07,550: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:07,557: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:07,563: INFO - < Rivet finished sucessfully
2016-03-05 13:14:07,568: INFO - -----

2016-03-05 13:14:07,577: INFO - > RUN RIVET 5
2016-03-05 13:14:07,582: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:09,595: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:09,601: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:14:09,607: INFO - Receipt
2016-03-05 13:14:09,612: INFO - b5b33ea9-c755-4bf3-aadb-62fe24e8bc03@mindertestbed.org
2016-03-05 13:14:09,617: INFO - null
2016-03-05 13:14:09,623: INFO - null
2016-03-05 13:14:09,629: DEBUG - Assign free vars
2016-03-05 13:14:09,634: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:09,640: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:09,646: INFO - < Rivet finished sucessfully
2016-03-05 13:14:09,651: INFO - -----

2016-03-05 13:14:09,656: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA11

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA11
Test Case:	AS4_TA11_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA11
Target:	PartInfo CharacterSet
Normative Source:	[eSENS] "Packaging requirements: •For XML payloads, an PartInfo/PartProperties/Property/@name="CharacterSet" value is recommended to identify the character set of the payload before compression was applied. The value of this property MUST conform to the values defined in section 4.3.3 of [XML10]."
Prescription Level:	Preferred
Prerequisite:	<ul style="list-style-type: none">• 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 xml (UTF-8) payload and metadata information including payload charset info.
Predicate:	The SSMH generates an AS4 message with the property "CharacterSet" present and set to the value "UTF-8".
Variables:	
Tag:	Payload, Compression, Character Set

Log

```
2016-03-05 13:14:11,700: INFO - Start Test
2016-03-05 13:14:11,705: INFO - Initialize test case
2016-03-05 13:14:11,718: DEBUG - Parameters
2016-03-05 13:14:11,723: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:14:11,729: INFO - > Initialize the Adapters
2016-03-05 13:14:11,734: INFO - Call start test on NULLWRAPPER
2016-03-05 13:14:11,739: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:14:11,745: INFO - Call start test on as4-adapter
2016-03-05 13:14:11,754: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:14:11,760: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:14:11,765: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:14:11,770: INFO - Call start test on genericAS4Corner4
2016-03-05 13:14:11,777: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:14:11,783: INFO - Call start test on genericAS4Corner1
2016-03-05 13:14:11,790: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:14:11,802: INFO - > RUN RIVET 0
2016-03-05 13:14:11,807: DEBUG - Assign free vars
2016-03-05 13:14:11,813: INFO - Corner 2 flame-c2
2016-03-05 13:14:11,818: INFO - Corner 3 flame-c3
2016-03-05 13:14:11,847: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:11,852: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:11,857: INFO - < Rivet finished successfully
2016-03-05 13:14:11,863: INFO - -----

2016-03-05 13:14:11,868: INFO - > RUN RIVET 1
2016-03-05 13:14:11,873: DEBUG - Assign free vars
2016-03-05 13:14:11,878: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:12,514: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:12,519: INFO - < Rivet finished successfully
2016-03-05 13:14:12,524: INFO - -----

2016-03-05 13:14:12,529: INFO - > RUN RIVET 2
2016-03-05 13:14:12,535: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:14:15,202: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:14:15,208: INFO - C2 AS4 Message
2016-03-05 13:14:15,220: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Message 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-1457176497673-914249200">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:14:57.260Z</eb:Timestamp>
<eb:MessageId>b9b75c3d-fc10-4e80-bbe7-f93c32da85a6@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>275311</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">275311</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TAll</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">b9b75c3d-fc10-4e80-bbe7-f93c32da85a6@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:Property name="CharacterSet">utf-8</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Message>
2016-03-05 13:14:15,226: INFO - -----
2016-03-05 13:14:15,231: INFO - AS4 message id: b9b75c3d-fc10-4e80-bbe7-f93c32da85a6@mindentestbed.org
2016-03-05 13:14:15,239: INFO - Payload CharSet: utf-8
2016-03-05 13:14:15,244: DEBUG - Assign free vars
2016-03-05 13:14:15,249: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:19,611: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:19,617: INFO - < Rivet finished successfully
2016-03-05 13:14:19,622: INFO - -----

2016-03-05 13:14:19,627: INFO - > RUN RIVET 3
```

```
2016-03-05 13:14:19,632: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:19,637: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:19,643: INFO - Received Receipt: 1457176459643
2016-03-05 13:14:19,653: INFO - RECEIPT
2016-03-05 13:14:19,659: 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-1457176502919-
1366025172">MIIDWTCCAKGgAwIBAgIELOkPjANBgkqhkiG9w0BAQsFADBDMQswCQYDVQ0EwJFVUeT0MAWGA1UECBMzYV1LMQ4wDAYDQ0KEwVmbGFtZT
EOMAwGA1UECmFZMmhhbWUxJDBAMBGNVBAwTBWZsYW1LMQ4wDAYDQ0EwVmbGFtZTCCASlwdQYJKoZIhvcNAQEBBQADgGEPADCCAQoCggEBAEm6nSt0SWUMx19vZeZmktjwZeGjH
EdQXl3aSuGTRARgSG3RZ0j5/AsqMGoobx0k3Nk3eXC3pBw6o5c4Lb4k+y1xSkTdlE9YUVUvB/49hFyWkwiIvuwpoJ/NZGk9zZjMmrvsRrK+yIyqFg47DDx/Ghr7R4IX36dlyBHoedCU1/7
4efPpuiu777Uxf3x925cqK4f4i4aRwKXs0YDYUyL5aXXKs2DfvcYcprnUC/2gdvX8R1eQYYP+2XYVcVw4r/L9QBaLK0vDDrLVXhiodxgH357aMYJGyufANbYXGwej5mx7jqKnlJuj
6mclx0/PVmf03D8Czck4Y10A2jtsCAwEAAMhMB8HQYDVR00BBYEFaAsjtDcYahsH087WYkQVqRktPn+MA0GCSqGSIb3DQEBCwUAA4IBAQA0zC+qzMiI00CAsEazekEeNE7qj3aSMKnx
mfY1IIMCz0kka+ffhpdJqjSKMtlZ5Z5FZ2ZcEmLwGtVLP3+zKmv1qea4Y0c1RQsFtYVL8KB/A6k0/KeLvfvIXAZ7EkbAohsVUGXjji08LPBZKz31L9BpBEKxR4iGc+Kwe8pyu8dgrzJVz
arCDVeGLR0Uwb150QMaFyP64LontTK6IdjAxSLX0eqQWfDco3WX9oq9F3b+NlnSW+8NY1bvGueHcv3LhYVdLwAN571nD5+jP5JGRHH/+DY0ih/ePtFU2tII0G+xc4amdFcCn/XN3gqC
wjXagQlaomS14ssvxxqGoL</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-1457176502919266645961">
<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-14571765029231132613027">
<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>RspXpCpY0i0bK7KrE4hQnfvjUr7+wkQpMjN48D8fy4U=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-14571765029231269800766">
<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>060tENKVEpeiH6FeiTgMhbyHGfXqhbxyYUUr6u+q/58=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>RiUzNng2deoV4Uu0Xb6MHmgizmKtyb9ad0kTYW+50960hEhHWrc5o6NH0LjXaR4MSw1z09pQAW
p8T8G4S0LmRG6sAbf12li/WdoKZD0YpKBIzLVJ90DBtlocvlzF+9KAbN+/GxYEDv7XfyYuCD7L
xc4wlfD87pVmrqL/GrreCnrJfkFct3oZCtoXhdfu/LVIP8t/OjRkYudowzYcg5F+9jtQfJKuoN4
9S/9gHLaID3kAPc0UlyqY9/S3EB4F9CrV3BnK+kgBob0008RsaosyudR9rmz8zJcFrgd8XY0Dtc
qNcbcxnmHmyW3bBwksL7ICTymp9SHSjPuQodSA==</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-1457176502922-631955765">
<wsse:Reference URI="#XWSSGID-1457176502919-1366025172"
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-14571765029231132613027">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:15:02.910Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131459.608-0.42811433965448675@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>b9b75c3d-fc10-4e80-bbe7-f93c32da85a6@minderstestbed.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-1457176497673-914249200">
<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>5CgaAnzAywcvz76G7QfHpwEcDWgUe+EjG1YuYKc/Q=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
<ebbpsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176497675130269488">
<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>39ExGaQXU5g0P2vkLc0qg5Zuv9HR2sYvGkfs7sp6g5g=</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-more#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ebbpsig:MessagePartNRInformation>
</ebbpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:MessageInfo>
</env:Header>
2016-03-05 13:14:19,664: INFO - =====
2016-03-05 13:14:19,671: DEBUG - Assign free vars
2016-03-05 13:14:19,676: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
```

```
2016-03-05 13:14:19,687: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:14:19,693: INFO - < Rivet finished sucessfully
2016-03-05 13:14:19,698: INFO - -----

2016-03-05 13:14:19,704: INFO - > RUN RIVET 4
2016-03-05 13:14:19,709: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:19,714: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:19,720: INFO - -----
2016-03-05 13:14:19,725: INFO - Corner4 Received Payloads:
2016-03-05 13:14:19,730: INFO - Data
2016-03-05 13:14:19,735: INFO - originalSender: C1
2016-03-05 13:14:19,750: INFO - finalRecipient: C4
2016-03-05 13:14:19,755: INFO - refToMessageId: null
2016-03-05 13:14:19,760: INFO - conversationId: 275311
2016-03-05 13:14:19,766: INFO - messageId: b9b75c3d-fc10-4e80-bbe7-f93c32da85a6@mindertestbed.org
2016-03-05 13:14:19,771: INFO - to: flame-c3
2016-03-05 13:14:19,776: INFO - from: null
2016-03-05 13:14:19,781: INFO - pModeId: null
2016-03-05 13:14:19,789: INFO - xmlhttppayload@minder type: application/octet-stream.
2016-03-05 13:14:19,794: INFO - <min><der>sample</der></min>
2016-03-05 13:14:19,800: INFO - -----
2016-03-05 13:14:19,805: DEBUG - Assign free vars
2016-03-05 13:14:19,810: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:19,816: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:19,822: INFO - < Rivet finished sucessfully
2016-03-05 13:14:19,827: INFO - -----

2016-03-05 13:14:19,832: INFO - > RUN RIVET 5
2016-03-05 13:14:19,838: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:21,925: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:21,931: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:14:21,936: INFO - Receipt
2016-03-05 13:14:21,941: INFO - b9b75c3d-fc10-4e80-bbe7-f93c32da85a6@mindertestbed.org
2016-03-05 13:14:21,947: INFO - null
2016-03-05 13:14:21,952: INFO - null
2016-03-05 13:14:21,958: DEBUG - Assign free vars
2016-03-05 13:14:21,963: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:21,969: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:21,975: INFO - < Rivet finished sucessfully
2016-03-05 13:14:21,980: INFO - -----

2016-03-05 13:14:21,985: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA12

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA12
Test Case:	AS4_TA12_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA12
Target:	Payload Compression
Normative Source:	[eSENS] "Packaging requirements: •For XML payloads, an PartInfo/PartProperties/Property/@name="CharacterSet" value is recommended to identify the character set of the payload before compression was applied. The value of this property MUST conform to the values defined in section 4.3.3 of [XML10]." And "https://issues.oasis-open.org/browse/EBXMLMSG-87" And "https://issues.oasis-open.org/browse/EBXMLMSG-88"
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• SSMH is simulated to send an AS4 message with property element "CharacterSet" set to value not conform to section 4.3.3 of [XML10] (example: "!utf*").• The SSMH sends the AS4 message to the RSMH.
Predicate:	The RSMH returns a synchronous ebMS error message.
Variables:	
Tag:	Payload, compression, Character Set

Log

```
2016-03-05 13:14:24,051: INFO - Start Test
2016-03-05 13:14:24,056: INFO - Initialize test case
2016-03-05 13:14:24,066: DEBUG - Parameters
2016-03-05 13:14:24,072: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:14:24,077: INFO - > Initialize the Adapters
2016-03-05 13:14:24,083: INFO - Call start test on NULLWRAPPER
2016-03-05 13:14:24,088: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:14:24,094: INFO - Call start test on as4-adapter
2016-03-05 13:14:24,104: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:14:24,111: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:14:24,116: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:14:24,122: INFO - Call start test on genericAS4Corner1
2016-03-05 13:14:24,128: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:14:24,134: INFO - > RUN RIVET 0
2016-03-05 13:14:24,140: DEBUG - Assign free vars
2016-03-05 13:14:24,146: INFO - Corner 2 flame-c2
2016-03-05 13:14:24,152: INFO - Corner 3 flame-c3
2016-03-05 13:14:24,177: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:24,183: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:24,188: INFO - < Rivet finished successfully
2016-03-05 13:14:24,194: INFO - -----

2016-03-05 13:14:24,199: INFO - > RUN RIVET 1
2016-03-05 13:14:24,204: DEBUG - Assign free vars
2016-03-05 13:14:24,209: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:24,883: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:14:24,893: INFO - < Rivet finished successfully
2016-03-05 13:14:24,898: INFO - -----

2016-03-05 13:14:24,904: INFO - > RUN RIVET 2
2016-03-05 13:14:24,909: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:14:27,456: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:14:27,462: INFO - C2 AS4 Message
2016-03-05 13:14:27,475: 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-14571765099592125758850">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:15:09.553Z</eb:Timestamp>
<eb:MessageId>5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@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>677674</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">677674</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA12</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">5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@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:Property name="CharacterSet">utf-8</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2016-03-05 13:14:27,480: INFO - -----
2016-03-05 13:14:27,486: INFO - AS4 message id: 5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@mindentestbed.org
2016-03-05 13:14:27,519: INFO - Payload CharSet: utf-8
2016-03-05 13:14:27,524: INFO - AS4Message After Character Set Modification
2016-03-05 13:14:27,530: 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:ebbpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<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-14571765099592125758850">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:15:09.553Z</eb:Timestamp>
<eb:MessageId>5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@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>677674</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">677674</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA12</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">5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@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:Property name="CharacterSet">!utf*</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:14:27,535: INFO - =====
2016-03-05 13:14:27,565: DEBUG - Assign free vars
2016-03-05 13:14:27,571: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:28,160: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:28,166: INFO - < Rivet finished successfully
2016-03-05 13:14:28,172: INFO - -----

2016-03-05 13:14:28,177: INFO - > RUN RIVET 3
2016-03-05 13:14:28,182: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:28,187: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:28,193: INFO - Received Receipt: 1457176468193
2016-03-05 13:14:28,200: INFO - RECEIPT
2016-03-05 13:14:28,206: 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>2016-03-05T11:15:11.494Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131511.439-0.9727363177522597@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb>Error category="Content"
errorCode="EBMS:0001"
origin="ebMS"
refToMessageInError="5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@mindentestbed.org"
severity="failure"
shortDescription="ValueNotRecognized">
<eb:Description xml:lang="en">Payload has invalid CharacterSet '!utf*' in SOAPBody</eb:Description>
<eb>ErrorDetail>com.flame.shared.exceptions.PackingException: Payload has invalid CharacterSet '!utf*' in SOAPBody
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.decompressionPass(PackageManager.java:2349)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:669)
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)
</eb>ErrorDetail>
</eb>Error>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:14:28,216: INFO - =====
2016-03-05 13:14:28,222: INFO - Error message
2016-03-05 13:14:28,227: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb>Error 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:env="http://www.w3.org/2003/05/soap-envelope"
category="Content"
errorCode="EBMS:0001"
origin="ebMS"
refToMessageInError="5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@mindentestbed.org"
severity="failure"
shortDescription="ValueNotRecognized">
<eb:Description xml:lang="en">Payload has invalid CharacterSet '!utf*' in SOAPBody</eb:Description>
<eb>ErrorDetail>com.flame.shared.exceptions.PackingException: Payload has invalid CharacterSet '!utf*' in SOAPBody
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.decompressionPass(PackageManager.java:2349)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:669)
```

```
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)
</eb:ErrorDetail>
</eb>Error>
2016-03-05 13:14:28,232: DEBUG - Assign free vars
2016-03-05 13:14:28,237: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:14:28,264: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:14:28,271: INFO - < Rivet finished sucessfully
2016-03-05 13:14:28,279: INFO - -----

2016-03-05 13:14:28,286: INFO - > RUN RIVET 4
2016-03-05 13:14:28,292: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:40,595: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:40,601: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:14:40,606: INFO - Error
2016-03-05 13:14:40,611: INFO - 5d8572d6-0c6a-4c4e-aa9e-fa21970abe6a@mindentestbed.org
2016-03-05 13:14:40,616: INFO - null
2016-03-05 13:14:40,621: INFO - null
2016-03-05 13:14:40,628: DEBUG - Assign free vars
2016-03-05 13:14:40,633: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:40,639: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:40,644: INFO - < Rivet finished sucessfully
2016-03-05 13:14:40,650: INFO - -----

2016-03-05 13:14:40,655: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA13

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA13
Test Case:	AS4_TA13_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA13
Target:	Message Compression
Normative Source:	[eSENS] "In case of error during decompression, the following error MUST be used: Code = EBMS:0303, Short Description = DecompressionFailure, Severity = Failure, Category = Communication. " "Error Handling For the error handling this profile specifies that errors must be reported and transmitted synchronously to the Sender and should be reported to the Consumer. •The parameter PMode[1].ErrorHandling.Report.AsResponse must be set to the value true."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• SSMH is simulated to send an AS4 User Message with compressed but damaged payloads.• The SSMH sends the AS4 User Message to the RSMH.
Predicate:	The RSMH sends back a synchronous error response with error code "Code = EBMS:0303 Short Description = DecompressionFailure Severity = Failure Category = Communication
Variables:	
Tag:	Payload Compression, error handling


```

ZmbGFtZTlXZDzANBgNBVAaTbMzsYw1lMjEPMAG0A1UEAxBGZmXhbwUyMB4XDTE1MDQwOUEzXmZUyNlOjEPMAG0A1UEBhMGZmXhbwUyMQ8wDQYDVQVQIEwZmbGFt
ZTlXZDzANBgNBVAaTbMzsYw1lMjEPMAG0A1UEChMGZmXhbwUyMQ8wDQYDVQVQIEwZmbGFtZTlXZDzANBgNBVAAMTBMzsYw1lMjEPMAG0A1UEBhMGZmXhbwUyMQ8wDQYDVQVQIEwZmbGFt
oCgCG0x51Yp+jjdw/km27tWx0t6rTscqV9wxSbX9qKOR49+aUHHZab05VXLMiHnKHPqBb+vsUiTsL8TAnPq/gY31NxaY9v83Z/EVDW0qIJOg5FgQNK7LJKzB4RUAmyf1P18CV2sg6Cg0h
sRvfnDLzPupND/giSbdwKRXHCSaxkto1CGLSj2RLafuWJa8kad0bqdf0BKfVzUjPsB8EeqnbWQdQzQx19Bzk+rBzG4iWbAYfzhzKLLug4/4a8HDEKvGkQpL9teSRNRLr0cF0909n1F9C
utXdpjYKJkE05imT/yDRNo29/udLttbpbzh4/S0k6Q6d28ncep9sCawEAAaMhMB8wHQYDVR0BBYEFNzq/zf+cTKMos6q5KGHjUoojTEEMA0GC5qG5Ib3DQEBwUAA4IBAQB51ujVdA/E
9EAUVP7co8FQJswRKKRjHpmz4j3TQwebL2V7/VHbZg+e71IN5zADPC9XKHBREPHORqzod3sRknHFWCF/Pruj091I1VnJo2I43ozCXAZ2yRlFvchGLXA4Hqo55sLzFNEc43WlLPx3E9F6
yFBsLqf+WpQRA8yucR3P5fRaUL9Yq/gKah5u3mb+fP/r9ay0AjAxAZqL0T5T2BzIzQ7Wn8tejzprkL2qjWjMQoFTuSW11SUL1Rc14yyQTI1iLzVREK3aY5vaTvwjP5cF4/yXkgjT
Qx8vVi9txkqgXH15BnV6RXXYgCohr8B5S0Q0TYq4AHjvs</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="XWSSGID-1457176528777-190608228">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep"/>
<ds:KeyInfo>
<wsse:SecurityTokenReference>
<wsse:Reference URI="#XWSSGID-1457176528525-1774103854"
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>TdJch0Q0zi/X0UfM/671J19PZsHgsAVwZvld7deP2LzTs1JBk7LNCLmESjEvA6gMqCiCGd8D0tV
dY6Vpsn29K1+41bm9mdX1CBKfNpTLJHdKgtYel+828G12o7vWjStFh908tT0oID2kXZK5IojFw
31j1mgtreC42aqS3cgZALzG/YRel/HIVi1hJ4d8YxteKR83bvpMBSpd/EdJ+NeTQRwKsJggAw3H
peL/7jdoCz+BSPV2tKwEowGzjS8PxpSP9nqkqW08Pkx+LwRcLafj03ENet7fJuK2VXnaB7FyQ8y
XP81lQmLwNh5H0GmFE0IpeVwBfx8np52k61aww==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#XWSSGID-14571765288401768039433"/>
</xenc:ReferenceList>
</xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="XWSSGID-14571765288401768039433"
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/xmenc11#aes128-gcm"/>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmldata@minder">
<xenc:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Ciphertext-Transform"/>
</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-
145717652852113334771">MIIDWTCAKGAwIBAgIeLokpJANBgkqhkiG9w0BAQsFAADBMQswCQYDVQQGEwFVTE0MAwGA1UECBMzZmXhbwUxZjAMBGNVBAcTBWZsYW1lMQ4wDAYDVQ
QKEwVmbGFtZTE0MAwGA1UECmFZMzZlZGZmXhbwUxZjAMBGNVBAcTBWZsYW1lMQ4wDAYDVQVQHEwVmbGFtZTE0MAwGA1UEChMzZmXhbwUxZjAMBGNVBAcTBWZsYW1lMQ4wDAYDVQVQIEdQXIA
SugIRARSG3R20j5/AsaMgobx0K3nK3eX3pBw6o5c4Lb4k+y1xSKTd1E91VUVB/49hFyWKwiIVwupj/NZG3eZJMmrvsRrk+YlyqFg47DDx/Ghr7R4IX36d
lyBHoedCU1/74efPpUu77Uxfsf3x925cqK4f14RwKXsOYDYCUJL5aXKs2DfCyrpNUC/2gduvX8R1eQPYP+2YYCvW4r/L9QBALk0VDR1VXHiodxg357aMYJgyuPFaBNYXGweJ
5mx7jqKnLJuJ6mclx0/Pvmf03D8Czck4Y10AZjtsCawEAAaMhMB8wHQYDVR0BBYEFNAa5jTdcYahsH087WyKQVqRkTpn+MA0GCSqGSIb3DQEBwUAA4IBAQAADpC+qzHi00CAsEAzekEe
NE7qj3aSMKnxmFYIIMCz0kka+ffhpdJqjSKMTLS255FZZ2cEm1wGtVLP3+zkMv1qea4Y0c1RQsFtYVL8Kb/A6k0/KeLwFVixAZ7EkBAoHSVUgXjjj08LBPZkx3119BpBEKxR4iTGc+Kwe
8pyu8dgrzJvzArCDVeLROUWb15QNMafYpG4LTONTK6IdjAxSLX0eqQWfDCo3W9oq9F3b+NinSw+8NY1bvgEuhc3qLhVVDLWAN577InD5+jP5JGRHH/+DY0ih/ePtFU2tII0G+xc4am
dFCn/XN3gqcwjtXagQlaomSL4ssvxxquGoL</wsse:BinarySecurityToken>
<ds:Signature Id="XWSSGID-1457176528517-17104296">
<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 ebbpsig env wsu"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256">
<ds:Reference URI="#XWSSGID-1457176528642-781551004">
<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>Vf0GapxiidDikKowXznU6qZQZvq60CRJ6yLRdZ4wKmo=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-14571765286441005031131">
<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>CkqaPLZLXsZbc2LCeR7wG0pa4jtC9SN8KW9zMTQJTGU=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@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/xmenc#sha256">
<ds:DigestValue>yqdt8JU9CgV+e+tbffU03Wvj/I811CUMdVeI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Y9lrdBFH4acSCmq/o6iXUVXISwkb0arPv0zq3oCR+Odds00FDZ683mZv/v5vhYwLm+3ze0dcXP
oeAjb9AGeixg4KyojMsWG0/M0K0dQ9Wsw+b6Gs08gHpTcFwTeoQWMrPu5m+u36Ea17f4qqzP/G
oP4Vde0KbCcuHtXInTgat+bV1YFAaLntpMjhGhApImnDNzBNLqaFJyko+aKKP1+yfRQbs/VDnWv
Wc2dH90EQrFhpiSERIsL40DaAm2qS9btEt1+krd7NS7C7XLspALiriHGw8c9tau0h5AQYIppBb
yxm4dSzJXn59jvy6UEA2xGEmWkB32MJoN4W8g==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-1457176528622510212581">
<wsse:Reference URI="#XWSSGID-145717652852113334771"
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 13:14:46,190: INFO - -----
2016-03-05 13:14:46,196: INFO - AS4 message id: d5bad27e-4d65-423e-9cc7-dee2787485d5@mindentestbed.org
2016-03-05 13:14:46,247: INFO - Attachments
2016-03-05 13:14:46,252: INFO - -----
2016-03-05 13:14:46,261: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2016-03-05 13:14:46,266: INFO - Compressed HEX payload: 1F8B080000000000000B3C9DCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:14:46,271: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:14:46,278: INFO - DAMAGED data (HEX): 648B080000000000000B3C9DCB3B349A72DB22B4E6B2D0388B5D1073A6DF441C2007E6CD378AE00D300
2016-03-05 13:14:46,283: INFO - -----
2016-03-05 13:14:46,289: INFO - -----

```

```
2016-03-05 13:14:46,337: DEBUG - Assign free vars
2016-03-05 13:14:46,342: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:47,263: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:14:47,269: INFO - < Rivet finished successfully
2016-03-05 13:14:47,274: INFO - -----

2016-03-05 13:14:47,279: INFO - > RUN RIVET 3
2016-03-05 13:14:47,284: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:47,289: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:14:47,295: INFO - Received Receipt: 1457176487295
2016-03-05 13:14:47,301: INFO - RECEIPT
2016-03-05 13:14:47,308: 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:env="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:15:30.603Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131530.379-0.8713188859729579@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>d5bad27e-4d65-423e-9cc7-dee2787485d5@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Communication"
errorCode="EBMS:0303"
origin="ebMS"
refToMessageInError="d5bad27e-4d65-423e-9cc7-dee2787485d5@mindertestbed.org"
severity="failure"
shortDescription="DecompressionFailure">
<eb:Description xml:lang="en">java.util.zip.ZipException: Not in GZIP format</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: java.util.zip.ZipException: Not in GZIP format
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.decompressionPass(PackageManager.java:2387)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:669)
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)
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:14:47,313: INFO - =====
2016-03-05 13:14:47,319: INFO - Found Error Element. Now check the fields.
2016-03-05 13:14:47,326: DEBUG - Assign free vars
2016-03-05 13:14:47,332: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:14:47,344: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:14:47,350: INFO - < Rivet finished successfully
2016-03-05 13:14:47,355: INFO - -----

2016-03-05 13:14:47,361: INFO - > RUN RIVET 4
2016-03-05 13:14:47,366: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:59,573: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:14:59,579: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:14:59,584: INFO - Error
2016-03-05 13:14:59,589: INFO - d5bad27e-4d65-423e-9cc7-dee2787485d5@mindertestbed.org
2016-03-05 13:14:59,595: INFO - null
2016-03-05 13:14:59,600: INFO - null
2016-03-05 13:14:59,606: DEBUG - Assign free vars
2016-03-05 13:14:59,611: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:14:59,618: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:14:59,624: INFO - < Rivet finished successfully
2016-03-05 13:14:59,629: INFO - -----

2016-03-05 13:14:59,634: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA14

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA14
Test Case:	AS4_TA14_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA14
Target:	Message Compression
Normative Source:	[eSENS] "In case of error during decompression, the following error MUST be used: Code = EBMS:0303, Short Description = DecompressionFailure, Severity = Failure, Category = Communication. " "Error Handling For the error handling this profile specifies that errors must be reported and transmitted synchronously to the Sender and should be reported to the Consumer. •The parameter PMode[1].ErrorHandling.Report.AsResponse must be set to the value true. •The parameter PMode[1].ErrorHandling.Report.ProcessErrorNotifyConsumer should be set to the value true. "
Prescription Level:	Preferred
Prerequisite:	• AS4_TA13. • The User Message is bound to a PMode with parameter PMode[1].ErrorHandling.Report.ProcessErrorNotifyConsumer: set to true.
Predicate:	The RMSH sends back a synchronous error response (with error code "Code = EBMS:0303, Short Description = DecompressionFailure, Severity = Failure, Category = Communication") and the RMSH sends an error notification to the consumer of the message.
Variables:	
Tag:	Payload Compression error

Log

```
2016-03-05 13:15:01,728: INFO - Start Test
2016-03-05 13:15:01,734: INFO - Initialize test case
2016-03-05 13:15:01,742: DEBUG - Parameters
2016-03-05 13:15:01,747: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:15:01,753: INFO - > Initialize the Adapters
2016-03-05 13:15:01,758: INFO - Call start test on NULLWRAPPER
2016-03-05 13:15:01,764: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:15:01,769: INFO - Call start test on as4-adapter
2016-03-05 13:15:01,780: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:15:01,786: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:01,792: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:01,797: INFO - Call start test on genericAS4Corner4
2016-03-05 13:15:01,803: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:15:01,810: INFO - Call start test on genericAS4Corner1
2016-03-05 13:15:01,816: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:15:01,822: INFO - > RUN RIVET 0
2016-03-05 13:15:01,828: DEBUG - Assign free vars
2016-03-05 13:15:01,834: INFO - Corner 2 flame-c2
2016-03-05 13:15:01,839: INFO - Corner 3 flame-c3
2016-03-05 13:15:01,856: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:01,862: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:01,868: INFO - < Rivet finished successfully
2016-03-05 13:15:01,873: INFO - -----

2016-03-05 13:15:01,879: INFO - > RUN RIVET 1
2016-03-05 13:15:01,884: DEBUG - Assign free vars
2016-03-05 13:15:01,890: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:02,570: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:02,576: INFO - < Rivet finished successfully
2016-03-05 13:15:02,581: INFO - -----

2016-03-05 13:15:02,586: INFO - > RUN RIVET 2
2016-03-05 13:15:02,592: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:05,125: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:05,131: INFO - C2 AS4 Message
2016-03-05 13:15:05,139: 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-1457176547658-1181599540">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:15:47.240Z</eb:Timestamp>
<eb:MessageId>8feed884-542c-4cac-882a-def46db3e869@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>415800</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">415800</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_I3</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">8feed884-542c-4cac-882a-def46db3e869@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 13:15:05,144: INFO - C2 AS4 Security Header
2016-03-05 13:15:05,150: 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"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3">
```



```
2016-03-05 13:15:05,246: INFO -
2016-03-05 13:15:05,252: INFO - -----
2016-03-05 13:15:05,304: DEBUG - Assign free vars
2016-03-05 13:15:05,309: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:15:06,255: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:15:06,260: INFO - < Rivet finished sucessfully
2016-03-05 13:15:06,266: INFO - -----

2016-03-05 13:15:06,271: INFO - > RUN RIVET 3
2016-03-05 13:15:06,276: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:15:06,281: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:15:06,287: INFO - Received Receipt: 1457176506287
2016-03-05 13:15:06,293: INFO - RECEIPT
2016-03-05 13:15:06,300: 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:env="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:15:49.595Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131549.541-0.5491791236888317@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>8feed884-542c-4cac-882a-def46db3e869@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Communication"
errorCode="EBMS:0303"
origin="ebMS"
refToMessageInError="8feed884-542c-4cac-882a-def46db3e869@mindertestbed.org"
severity="failure"
shortDescription="DecompressionFailure">
<eb:Description xml:lang="en">java.util.zip.ZipException: Unsupported compression method</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: java.util.zip.ZipException: Unsupported compression method
at com.flame.packaging.wrapping.ebXML.AS4.PackageManager.decompressionPass(PackageManager.java:2387)
at com.flame.connection.impl.ebXML.AS4.Session.run(Session.java:669)
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)
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:15:06,305: INFO - =====
2016-03-05 13:15:06,311: INFO - Found Error Element. Now check the fields.
2016-03-05 13:15:06,318: DEBUG - Assign free vars
2016-03-05 13:15:06,323: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:06,335: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:06,341: INFO - < Rivet finished sucessfully
2016-03-05 13:15:06,346: INFO - -----

2016-03-05 13:15:06,352: INFO - > RUN RIVET 4
2016-03-05 13:15:06,357: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:18,535: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:18,542: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:15:18,547: INFO - Error
2016-03-05 13:15:18,552: INFO - 8feed884-542c-4cac-882a-def46db3e869@mindertestbed.org
2016-03-05 13:15:18,557: INFO - null
2016-03-05 13:15:18,563: INFO - null
2016-03-05 13:15:18,569: DEBUG - Assign free vars
2016-03-05 13:15:18,574: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:18,580: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:18,586: INFO - < Rivet finished sucessfully
2016-03-05 13:15:18,591: INFO - -----

2016-03-05 13:15:18,597: INFO - > RUN RIVET 5
2016-03-05 13:15:18,602: DEBUG - > Wait For Signal:genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:18,607: DEBUG - < Signal Arrived: genericAS4Corner4|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:18,613: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:15:18,619: INFO - Error
2016-03-05 13:15:18,625: INFO - null
2016-03-05 13:15:18,630: INFO - null
2016-03-05 13:15:18,635: INFO - null
2016-03-05 13:15:18,641: DEBUG - Assign free vars
2016-03-05 13:15:18,646: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:18,652: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:18,658: INFO - < Rivet finished sucessfully
2016-03-05 13:15:18,663: INFO - -----

2016-03-05 13:15:18,668: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA15

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA15
Test Case:	AS4_TA15_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:29
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA15
Target:	Payload Reception
Normative Source:	[eSENS] "The receiving AS4 MSH must decompress any payload part(s) compressed by the SSMH before delivering the message."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RMSH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• SSMH sends an AS4 User Message with a compressed payload to the RMSH.
Predicate:	The RMSH delivers the message with decompressed payload to the consumer.
Variables:	
Tag:	Payload delivery

Log

```
2016-03-05 13:15:20,721: INFO - Start Test
2016-03-05 13:15:20,726: INFO - Initialize test case
2016-03-05 13:15:20,735: DEBUG - Parameters
2016-03-05 13:15:20,740: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:15:20,748: INFO - > Initialize the Adapters
2016-03-05 13:15:20,753: INFO - Call start test on NULLWRAPPER
2016-03-05 13:15:20,759: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:15:20,764: INFO - Call start test on as4-adapter
2016-03-05 13:15:20,773: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:15:20,779: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:20,784: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:20,790: INFO - Call start test on genericAS4Corner4
2016-03-05 13:15:20,797: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:15:20,803: INFO - Call start test on genericAS4Corner1
2016-03-05 13:15:20,809: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:15:20,815: INFO - > RUN RIVET 0
2016-03-05 13:15:20,821: DEBUG - Assign free vars
2016-03-05 13:15:20,828: INFO - Corner 2 flame-c2
2016-03-05 13:15:20,833: INFO - Corner 3 flame-c3
2016-03-05 13:15:20,856: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:20,861: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:20,867: INFO - < Rivet finished successfully
2016-03-05 13:15:20,873: INFO - -----

2016-03-05 13:15:20,878: INFO - > RUN RIVET 1
2016-03-05 13:15:20,884: DEBUG - Assign free vars
2016-03-05 13:15:20,889: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:21,878: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:21,884: INFO - < Rivet finished successfully
2016-03-05 13:15:21,889: INFO - -----

2016-03-05 13:15:21,895: INFO - > RUN RIVET 2
2016-03-05 13:15:21,900: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:24,684: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:24,689: INFO - C2 AS4 Message
2016-03-05 13:15:24,698: 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-14571765671992036093098">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:06.785Z</eb:Timestamp>
<eb:MessageId>b29b071d-5ffc-4cff-8158-7a81d1f57656@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>333698</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">333698</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_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">b29b071d-5ffc-4cff-8158-7a81d1f57656@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 13:15:24,704: INFO - C2 AS4 Security Header
2016-03-05 13:15:24,710: 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/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Xlc869fslRLCLADZoF6g4dw7hTNIbH91/82I18k3KcMwITOrro/W8sqsyHEFHqG2DT3MCW/L/Y
a0833za0NX7AEVxE/HY4vGrBg2pcRDZSL3wvjuFYM4tEULRY1LIDzQ5qHUn8StuEwqiNzsPoKuBi
G0eD2Un1stcN9gX0bFhV57WzQDojP+0iB41UNURhQhdq9Pzmgn3Cz/k1DZwX+yZB3UG3d9KtCqd
r0FLCGPtfFJZuA6GkNnzX+u7sckSE+nbtEmOUWJSW8FosFycqj24SN1rniLnhg6dS/7tjLjIMd3
gCfhotNKzXZVnsJTi+dGrbIVqn9FFFwn0I2Y9w==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-1457176567179208709528">
<wsse:Reference URI="#XWSSGID-14571765670791716765368"
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 13:15:24,717: INFO - -----
2016-03-05 13:15:24,722: INFO - AS4 message id: b29b071d-5ffc-4cff-8158-7a81d1f57656@mindertestbed.org
2016-03-05 13:15:24,767: INFO - -----
2016-03-05 13:15:24,773: INFO - Attachments
2016-03-05 13:15:24,781: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:15:24,790: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCFD351C84C53A8CC2F5548492C4A555404006FDED252EC000000
2016-03-05 13:15:24,796: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:15:24,801: INFO -
2016-03-05 13:15:24,806: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:15:24,812: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9DCDCB3B49492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:15:24,817: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:15:24,823: INFO -
2016-03-05 13:15:24,829: INFO - Forward message to the other side: 1457176524828
2016-03-05 13:15:24,834: DEBUG - Assign free vars
2016-03-05 13:15:24,839: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:15:28,879: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:15:28,884: INFO - < Rivet finished successfully
2016-03-05 13:15:28,889: INFO - -----

2016-03-05 13:15:28,895: INFO - > RUN RIVET 3
2016-03-05 13:15:28,900: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:15:28,905: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:15:28,910: INFO - Received Receipt: 1457176528910
2016-03-05 13:15:28,922: INFO - RECEIPT
2016-03-05 13:15:28,929: 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-1457176572186548006439">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:12.173Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131608.715-0.79572954098938@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>b29b071d-5ffc-4cff-8158-7a81d1f57656@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbbsig:NonRepudiationInformation xmlns:ebbbsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<ebbbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571765671992036093098">
<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>b09PdxULge/p3thwJk03hrkZHVBUdMhZJsXE3M5YHIM=</ds:DigestValue>
</ds:Reference>
</ebbbsig:MessagePartNRInformation>
<ebbbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176567201936746073">
<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>EecjDJOEm0LfdQtkGuM4+9WmKUL8K0nZKqmOyA3vA=</ds:DigestValue>
</ds:Reference>
</ebbbsig:MessagePartNRInformation>
<ebbbsig: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/xmldsig#sha256"/>
<ds:DigestValue>r7CBjboV5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbbsig:MessagePartNRInformation>
<ebbbsig: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/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbbsig:MessagePartNRInformation>
</ebbbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:15:28,935: INFO - =====
2016-03-05 13:15:28,940: DEBUG - Assign free vars
```

```
2016-03-05 13:15:28,945: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:28,959: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:28,965: INFO - < Rivet finished sucessfully
2016-03-05 13:15:28,970: INFO - -----

2016-03-05 13:15:28,979: INFO - > RUN RIVET 4
2016-03-05 13:15:28,987: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:28,995: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:29,003: INFO - -----
2016-03-05 13:15:29,011: INFO - Corner4 Received Payloads:
2016-03-05 13:15:29,019: INFO - Data
2016-03-05 13:15:29,026: INFO - originalSender: C1
2016-03-05 13:15:29,036: INFO - finalRecipient: C4
2016-03-05 13:15:29,043: INFO - refToMessageId: null
2016-03-05 13:15:29,051: INFO - conversationId: 333698
2016-03-05 13:15:29,059: INFO - messageId: b29b071d-5ffc-4cff-8158-7a81d1f57656@mindertestbed.org
2016-03-05 13:15:29,066: INFO - to: flame-c3
2016-03-05 13:15:29,075: INFO - from: null
2016-03-05 13:15:29,083: INFO - pModeId: null
2016-03-05 13:15:29,089: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:15:29,095: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:15:29,103: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:15:29,111: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:15:29,119: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:15:29,127: INFO - <min><der>sample</der></min>
2016-03-05 13:15:29,135: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:15:29,143: INFO - <min><der>sample</der></min>
2016-03-05 13:15:29,149: DEBUG - Assign free vars
2016-03-05 13:15:29,154: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:29,159: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:29,164: INFO - < Rivet finished sucessfully
2016-03-05 13:15:29,169: INFO - -----

2016-03-05 13:15:29,174: INFO - > RUN RIVET 5
2016-03-05 13:15:29,180: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:31,327: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:31,336: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:15:31,346: INFO - Receipt
2016-03-05 13:15:31,355: INFO - b29b071d-5ffc-4cff-8158-7a81d1f57656@mindertestbed.org
2016-03-05 13:15:31,361: INFO - null
2016-03-05 13:15:31,366: INFO - null
2016-03-05 13:15:31,372: DEBUG - Assign free vars
2016-03-05 13:15:31,377: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:31,383: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:31,389: INFO - < Rivet finished sucessfully
2016-03-05 13:15:31,394: INFO - -----

2016-03-05 13:15:31,399: INFO - > Send finish message to all wrappers
```


Test Report - AS4_TA16

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA16
Test Case:	AS4_TA16_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA16
Target:	Payload reception
Normative Source:	[eSENS] "The receiving AS4 MSH must decompress any payload part(s) compressed by the SSMH before delivering the message."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RMSH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• SSMH sends an AS4 User Message with a several compressed payloads (XML and non XML) to the RMSH.
Predicate:	The RMSH delivers the message with decompressed payloads to the consumer.
Variables:	
Tag:	Payload delivery

Log

```
2016-03-05 13:15:33,455: INFO - Start Test
2016-03-05 13:15:33,460: INFO - Initialize test case
2016-03-05 13:15:33,468: DEBUG - Parameters
2016-03-05 13:15:33,474: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:15:33,479: INFO - > Initialize the Adapters
2016-03-05 13:15:33,484: INFO - Call start test on NULLWRAPPER
2016-03-05 13:15:33,490: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:15:33,495: INFO - Call start test on as4-adapter
2016-03-05 13:15:33,511: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:15:33,517: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:33,522: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:33,528: INFO - Call start test on genericAS4Corner4
2016-03-05 13:15:33,533: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:15:33,539: INFO - Call start test on genericAS4Corner1
2016-03-05 13:15:33,545: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:15:33,551: INFO - > RUN RIVET 0
2016-03-05 13:15:33,556: DEBUG - Assign free vars
2016-03-05 13:15:33,562: INFO - Corner 2 flame-c2
2016-03-05 13:15:33,567: INFO - Corner 3 flame-c3
2016-03-05 13:15:33,584: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:33,589: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:33,595: INFO - < Rivet finished successfully
2016-03-05 13:15:33,600: INFO - -----

2016-03-05 13:15:33,606: INFO - > RUN RIVET 1
2016-03-05 13:15:33,611: DEBUG - Assign free vars
2016-03-05 13:15:33,616: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:34,300: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:34,306: INFO - < Rivet finished successfully
2016-03-05 13:15:34,311: INFO - -----

2016-03-05 13:15:34,316: INFO - > RUN RIVET 2
2016-03-05 13:15:34,322: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:37,346: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:37,351: INFO - C2 AS4 Message
2016-03-05 13:15:37,359: 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-1457176579846352345465">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:19.348Z</eb:Timestamp>
<eb:MessageId>7639bee9-e38a-4ff9-adbb-a07b9ca656d3@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>48126</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">48126</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA16</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">7639bee9-e38a-4ff9-adbb-a07b9ca656d3@mindertestbed.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 13:15:37,367: INFO - Verify And Decrypt Soap Message
2016-03-05 13:15:37,397: INFO - We had only one attachment. Check it to see that it is really our payload
2016-03-05 13:15:37,405: INFO - Attachment ID: <xmlpayload2@minder>, MimeType: application/gzip
2016-03-05 13:15:37,411: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:15:37,416: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:15:37,424: DEBUG - Assign free vars
2016-03-05 13:15:37,429: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:15:41,729: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:15:41,735: INFO - < Rivet finished successfully
2016-03-05 13:15:41,740: INFO - -----

2016-03-05 13:15:41,745: INFO - > RUN RIVET 3
2016-03-05 13:15:41,750: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:15:41,755: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:15:41,762: INFO - Received Receipt: 1457176541761
2016-03-05 13:15:41,774: INFO - RECEIPT
2016-03-05 13:15:41,780: 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-
1457176585036241582547">MIIDWTCACGAgIABgIeLokpPjANBgkqhkiG9w0BAQsFADBMQswCQYDVQGEwFVTEOMAwGA1UECBMxZW11MzEwMDA4NDY0Q
QKEwVmbGFtZTEOMAwGA1UECzFzZW50b3R0Zj05ASqMGobx0kg3Nk3eXC3PbW6o5c4Lb4k+y1xSkTd1E91YVUvB/49hFyWkiVwupoJ/NZGk9zzJmrvsRrkyIyqFg47DDx/Ghr7R4IX36d
eZmktjWZeGjhedQLiaSugIRARgSG3RZ05/AsgMGobx0kg3Nk3eXC3PbW6o5c4Lb4k+y1xSkTd1E91YVUvB/49hFyWkiVwupoJ/NZGk9zzJmrvsRrkyIyqFg47DDx/Ghr7R4IX36d
LyBHoedCU1/74efPpuUu77Uxfsf3x925cqKq4fi4aRwKxS0YDYCUYl5aXXKs2DfvCycrpnUC/2gdvvX8R1eQPYP+2XYyCvW4r/L9QBAlK0vDdrLVXHiodxgH357aMYJGyuPfaNbyXGwej
5mx7jqKnlJuJ6mc1x0/PVmf03D8CzcK4Y10AZjtsCAwEAAAhMB8wHQYDVR00BBYEFaA5jtDcYahsH087WYkQVgRktPn+MA0GCSqGSIb3DQEBQUAAIBAQAQDpC+qzMiI00CAsEAzekEe
NE7qj3ASMKnmfY1IMCz0kka+fhfhdqjSKMtl5Z5FZZ2cEm1wGtVLP3+zKMW1qeaY0c1RQsFtVYL8KB/A6k0/KeLfvIxAZ7EkbaOhsVUgXjji08LBPZKz31L9BpbEKxR4ITgc+Kwe
8pyu8dgrzJvzarCDveGLROUwB15QNMafYpG4LontGk6IdjAxSLX0eqWfCdCo3wX9oagF3b+NinSW+8NYlvbGvEuHcV3qLhVVDLWAn577Ind5+jP53GRHH+/DY0ih/ePtFU2tI06+xc4am
dFCn/XN3gqcwjtXagQlaomSL4ssvvaquGoL</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="XWSSGID-14571765850361955002230">
<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-1457176585037-817177197">
<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=aRj4QgtzZ+FfyzpVA+PcGuMcm/LJW4GD1HkrDtlDl0=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-14571765850381394155879">
<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=m/IttAaOAUHFj0rJ+3t0j5+T1aG8wZjalLf6E4W/7q0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>D5QVob/odL0zhHX/AEXzF3L9oyIdMvt0jOHGTePBTaRyS2EaWerBG9nTauQUgyk/edA07H/bitLK
LuFTpxfPgHLgthtPge7tsMYESDAQJ8ryV93QPmLopJCcWszXtU+Fv81PgDcR1ENrtIFkAvCrEdqW
q3jEP6EJwDux8wMHmEm0fCDLGrjREUu6MNMwbrVYqGYP+xlM9hS+Jy0QeICl00z0jHepica00+i
rEIU0y0YubGeCrQ19oLzu3CN6dnvhDDAodyL4Qr514vAdBkB/UmgpQGN5FgyS48X3MtlMvy0BzGR
6KhI5aIonJsUnEgM53T+xIV2zi4AHdEAWPz62g=</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-1457176585037172987480">
<wsse:Reference URI="#XWSSGID-1457176585036241582547"
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-1457176585037-817177197">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:25.023Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131621.343-0.5794845772247466@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>7639bee9-e38a-4ff9-adbb-a07b9ca656d3@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-1457176579846352345465">
<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=vR89zKlJS9yGodiSEgdm/UsQeo6f0T48jJWQEctU5w=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176579847761592973">
<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=/7FBr4Z7ECGtViBcK8hyPjufm0hUhZ3K1XH3Bwgvr=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#" URI="cid:xmlpayload2@minder">
</ds:Reference>
</ebbsig:MessagePartNRInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
```

```
<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>UbMY5CWJKXCyy1MPt54+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>r7CBjboV5qfQij53dkclt13rbaTa3dKkqkCR5ankrf0=</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 13:15:41,785: INFO - =====
2016-03-05 13:15:41,791: DEBUG - Assign free vars
2016-03-05 13:15:41,796: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:41,808: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:41,813: INFO - < Rivet finished successfully
2016-03-05 13:15:41,824: INFO - -----

2016-03-05 13:15:41,829: INFO - > RUN RIVET 4
2016-03-05 13:15:41,835: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:44,073: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:44,079: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:15:44,084: INFO - Receipt
2016-03-05 13:15:44,089: INFO - 7639bee9-e38a-4ff9-adbb-a07b9ca656d3@mindertestbed.org
2016-03-05 13:15:44,094: INFO - null
2016-03-05 13:15:44,100: INFO - null
2016-03-05 13:15:44,106: DEBUG - Assign free vars
2016-03-05 13:15:44,111: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:44,117: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:44,122: INFO - < Rivet finished successfully
2016-03-05 13:15:44,128: INFO - -----

2016-03-05 13:15:44,143: INFO - > RUN RIVET 5
2016-03-05 13:15:44,151: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:44,159: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:44,165: INFO - -----
2016-03-05 13:15:44,170: INFO - Corner4 Received Payloads:
2016-03-05 13:15:44,175: INFO - Data
2016-03-05 13:15:44,180: INFO - originalSender: C1
2016-03-05 13:15:44,185: INFO - finalRecipient: C4
2016-03-05 13:15:44,190: INFO - refToMessageId: null
2016-03-05 13:15:44,195: INFO - conversationId: 48126
2016-03-05 13:15:44,200: INFO - messageId: 7639bee9-e38a-4ff9-adbb-a07b9ca656d3@mindertestbed.org
2016-03-05 13:15:44,206: INFO - to: flame-c3
2016-03-05 13:15:44,211: INFO - from: null
2016-03-05 13:15:44,216: INFO - pModeId: null
2016-03-05 13:15:44,226: INFO - xmlpayload2@minder type: application/octet-stream.
2016-03-05 13:15:44,232: INFO - <another>XML Document</another>
2016-03-05 13:15:44,237: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:15:44,242: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:15:44,247: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:15:44,253: INFO - <min><der>sample</der></min>
2016-03-05 13:15:44,258: INFO - -----
2016-03-05 13:15:44,263: DEBUG - Assign free vars
2016-03-05 13:15:44,268: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:44,274: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:44,280: INFO - < Rivet finished successfully
2016-03-05 13:15:44,285: INFO - -----

2016-03-05 13:15:44,290: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA17

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA17
Test Case:	AS4_TA17_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA17
Target:	Payload compression
Normative Source:	[eSENS] "When compression, signature and/or encryption are required, any attached payload(s) must be compressed prior to being signed and/or encrypted."
Prescription Level:	Mandatory
Prerequisite:	• eSENS_TA13. • The SMSH is simulated to send an AS4 User message with a compressed then signed payload to the RMSH.
Predicate:	The RMSH sends back an AS4 non-repudiation receipt.
Variables:	
Tag:	Signature/Compression

Log

```
2016-03-05 13:15:46,362: INFO - Start Test
2016-03-05 13:15:46,367: INFO - Initialize test case
2016-03-05 13:15:46,375: DEBUG - Parameters
2016-03-05 13:15:46,380: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:15:46,385: INFO - > Initialize the Adapters
2016-03-05 13:15:46,391: INFO - Call start test on NULLWRAPPER
2016-03-05 13:15:46,396: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:15:46,401: INFO - Call start test on as4-adapter
2016-03-05 13:15:46,407: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:15:46,413: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:46,418: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:46,424: INFO - Call start test on genericAS4Corner4
2016-03-05 13:15:46,432: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:15:46,437: INFO - Call start test on genericAS4Corner1
2016-03-05 13:15:46,443: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:15:46,448: INFO - > RUN RIVET 0
2016-03-05 13:15:46,454: DEBUG - Assign free vars
2016-03-05 13:15:46,459: INFO - Corner 2 flame-c2
2016-03-05 13:15:46,464: INFO - Corner 3 flame-c3
2016-03-05 13:15:46,485: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:46,490: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:46,496: INFO - < Rivet finished successfully
2016-03-05 13:15:46,502: INFO - -----

2016-03-05 13:15:46,507: INFO - > RUN RIVET 1
2016-03-05 13:15:46,513: DEBUG - Assign free vars
2016-03-05 13:15:46,520: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:47,889: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:47,895: INFO - < Rivet finished successfully
2016-03-05 13:15:47,900: INFO - -----

2016-03-05 13:15:47,909: INFO - > RUN RIVET 2
2016-03-05 13:15:47,914: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:50,608: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:15:50,614: INFO - C2 AS4 Message
2016-03-05 13:15:50,624: 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-1457176593259-1237505563">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:32.849Z</eb:Timestamp>
<eb:MessageId>c1b7ab1-6b3a-4f61-9f10-eb8e744104b2@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>523589</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">523589</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_SIGNONLY</eb:Property>
<eb:Property name="TA_id">AS4_TA17</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">c1b7ab1-6b3a-4f61-9f10-eb8e744104b2@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 13:15:50,629: INFO - C2 AS4 Security Header
2016-03-05 13:15:50,638: 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/xmenc#sha256"/>
<ds:DigestValue>fgLhxZjTixLxa9q7hSqB0e9e13AyH2H7b5okaxiYI=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-14571765980181973096690">
<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>ilwuvvf2s0T+Zd1KqZmax38IZrrlqVpDnBo4I2M0a1U=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>hd9TE0ktWc5km/7rK/XW4/bhuMfd1MYMQ6JK/jgNcgV10NxcyAEtiYG0SCaaLhCRj6VAzDIQWK8n
S+VbhaGj9LsKiB26w98xpCOV08un4LtbGZzfgxMVg5zgWlzZR/CZP/FU7NAz8MyxunawF1rAUI1
skjNasANmczSBL2RrsHwUBFGZWPwZkucIyHOY1eBeMPzR8zqAdV/4Z7EKsRdcnVQrPn9tcI2HY/J
Z40C+Sg/hTBqVDDIKLQJAZ7X00qpUSJz3jfg0J7cLLVE6KZE21gMNF8ttwT+3xaP9zJcQ08S92Uw
sSnTu/mkWq2KaYkTqqEcqhjgi0QsJGTWr/8Uyg=</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-145717659801720118344">
<wsse:Reference URI="#XWSSGID-1457176598016451577636"
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-1457176598018121761988">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:38.007Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131634.556-0.9570702684400088@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>cc1b7ab1-6b3a-4f61-9f10-eb8e744104b2@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-1457176593259-1237505563">
<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>afLkQQu54UGsEsAogtu8RLML+Chh9bx/g3cCYT8k=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176593260-1040889314">
<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>+nKcXdoRSAGjACRPFPLIjs73IP0qxxvbn/6qu2da0=</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/xmenc#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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wVj/I811CUMDveI8LpSJJ4o=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
</ebbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</env:Header>
2016-03-05 13:15:54,755: INFO - =====
2016-03-05 13:15:54,761: DEBUG - Assign free vars
2016-03-05 13:15:54,766: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:54,779: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:15:54,785: INFO - < Rivet finished successfully
2016-03-05 13:15:54,790: INFO - -----
2016-03-05 13:15:54,796: INFO - > RUN RIVET 4
2016-03-05 13:15:54,801: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:54,806: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:15:54,811: INFO - -----
2016-03-05 13:15:54,817: INFO - Corner4 Received Payloads:
2016-03-05 13:15:54,822: INFO - Data
2016-03-05 13:15:54,827: INFO - originalSender: C1
2016-03-05 13:15:54,833: INFO - finalRecipient: C4
2016-03-05 13:15:54,838: INFO - refToMessageId: null
2016-03-05 13:15:54,843: INFO - conversationId: 523589
2016-03-05 13:15:54,852: INFO - messageId: cc1b7ab1-6b3a-4f61-9f10-eb8e744104b2@mindentestbed.org
2016-03-05 13:15:54,857: INFO - to: flame-c3
2016-03-05 13:15:54,863: INFO - from: null
2016-03-05 13:15:54,868: INFO - pModeId: null
2016-03-05 13:15:54,875: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:15:54,881: INFO - !! Modify me after submission, if you dare!!
```



```
2016-03-05 13:15:54,886: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:15:54,892: INFO - <min><der>sample</der></min>
2016-03-05 13:15:54,897: INFO - -----
2016-03-05 13:15:54,902: DEBUG - Assign free vars
2016-03-05 13:15:54,907: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:54,914: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:54,920: INFO - < Rivet finished sucessfully
2016-03-05 13:15:54,926: INFO - -----

2016-03-05 13:15:54,931: INFO - > RUN RIVET 5
2016-03-05 13:15:54,937: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:57,015: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:15:57,021: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:15:57,026: INFO - Receipt
2016-03-05 13:15:57,031: INFO - cc1b7ab1-6b3a-4f61-9f10-eb8e744104b2@mindentestbed.org
2016-03-05 13:15:57,037: INFO - null
2016-03-05 13:15:57,042: INFO - null
2016-03-05 13:15:57,048: DEBUG - Assign free vars
2016-03-05 13:15:57,054: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:57,059: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:57,065: INFO - < Rivet finished sucessfully
2016-03-05 13:15:57,070: INFO - -----

2016-03-05 13:15:57,076: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA18

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA18
Test Case:	AS4_TA18_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA18
Target:	Message level security
Normative Source:	[eSENS] "When compression, signature and/or encryption are required, any attached payload(s) must be compressed prior to being signed and/or encrypted."
Prescription Level:	Mandatory
Prerequisite:	• eSENS_TA13. • Simulated SSMH sends a signed AS4 User Message with a signed then compressed payload to the RMSH.
Predicate:	The SSMH receives a WS-Security SOAP Fault.
Variables:	
Tag:	Encryption/Signing Compression

Log

```
2016-03-05 13:15:59,135: INFO - Start Test
2016-03-05 13:15:59,140: INFO - Initialize test case
2016-03-05 13:15:59,150: DEBUG - Parameters
2016-03-05 13:15:59,156: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:15:59,161: INFO - > Initialize the Adapters
2016-03-05 13:15:59,167: INFO - Call start test on NULLWRAPPER
2016-03-05 13:15:59,172: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:15:59,178: INFO - Call start test on as4-adapter
2016-03-05 13:15:59,188: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:15:59,200: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:59,205: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:15:59,210: INFO - Call start test on genericAS4Corner1
2016-03-05 13:15:59,216: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:15:59,222: INFO - > RUN RIVET 0
2016-03-05 13:15:59,227: DEBUG - Assign free vars
2016-03-05 13:15:59,246: INFO - Corner 2 flame-c2
2016-03-05 13:15:59,255: INFO - Corner 3 flame-c3
2016-03-05 13:15:59,276: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:15:59,281: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:15:59,286: INFO - < Rivet finished successfully
2016-03-05 13:15:59,291: INFO - -----

2016-03-05 13:15:59,296: INFO - > RUN RIVET 1
2016-03-05 13:15:59,302: DEBUG - Assign free vars
2016-03-05 13:15:59,307: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:00,339: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:00,345: INFO - < Rivet finished successfully
2016-03-05 13:16:00,350: INFO - -----

2016-03-05 13:16:00,355: INFO - > RUN RIVET 2
2016-03-05 13:16:00,361: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:16:02,918: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:16:02,924: INFO - C2 AS4 Message
2016-03-05 13:16:02,933: 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-1457176605618-36530717">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:45.204Z</eb:Timestamp>
<eb:MessageId>97c05a14-46e5-4a6c-96c0-2ad6de107ab1@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>355863</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">355863</eb:Property>
<eb:Property name="Action">ACT_ONEWAY_SIGNONLY</eb:Property>
<eb:Property name="TA_id">AS4_TA18</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">97c05a14-46e5-4a6c-96c0-2ad6de107ab1@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 13:16:02,938: INFO - C2 AS4 Security Header
2016-03-05 13:16:02,945: 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:ebpsig="http://docs.oasis-open.org/ebxml-bp/ebps-signals-2.0"
env:mustUnderstand="true">
<wss: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-1457176605499-969149068">
<ds:Signature Id="XWSSGID-145717660549903741943">
<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="wss ds eb ebpsig env wsu"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256" />
<ds:Reference URI="#XWSSGID-1457176605618-36530717">
<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>peNoXAnLghdYGL5FhCiXccabGvvx4Qa03202PHFMSHI=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#XWSSGID-1457176605620-890432464">
<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>YJlhDcN5fCd0iHh3508FvLmkrZ5T6xUmBamAy6KjSvA=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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/xmenc#sha256" />
<ds:DigestValue>r7CBjov5qfQij53dkclt13rbaTa3dKkqCR5ankrf0=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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/xmenc#sha256" />
<ds:DigestValue>yqDt8JU9Cgv+e+tbFu03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>dNdnd2+ZTwy74ikD3WpR6LbqWcx+kJXYTgp5abUs/oSwhC9SLfgnf4N92JUauQUzUWrtWwL2avV
KHuTm4Ugh1f8nw0IhdBvSCPlepcnQeFuIrQh2bf7PvpdsB6SpXjTjhwKw5YBVfHmbSdztaEc
v3tm0AeBPbuUlv0SjtzEAH7EjZRP8eLNwqTISB96YBTzCjUfMr2L+oYeTwdzAczXkRw/85qq
YBsqtf+8a7tFm3IU+Tu6N3EDEikvKvASLJrriCnQeRb1AR4TBLQcGkVBuY20HQpZ/0a7Cun1b5RG
M70p+lexD6wHfhS66P+x/iU5TSL70TAe3ILmN==</ds:SignatureValue>
<ds:KeyInfo>
<wss:SecurityTokenReference wsu:Id="XWSSGID-14571766055981521755080">
<wss:Reference URI="#XWSSGID-1457176605499-969149068"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3" />
</wss:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wss:Security>
2016-03-05 13:16:02,953: INFO - Signature Algorithm: http://www.w3.org/2001/04/xmldsig-more#rsa-sha256
2016-03-05 13:16:02,963: INFO - Hash Algorithm: http://www.w3.org/2001/04/xmenc#sha256
2016-03-05 13:16:02,994: INFO - Attachments
2016-03-05 13:16:02,999: INFO - -----
2016-03-05 13:16:03,007: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:16:03,013: INFO - Compressed HEX payload:
1F8B0800000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2CECECCCDF351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:16:03,018: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:16:03,024: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:16:03,029: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9C0CCB3B349492D822B4ECC2DC849B5D107B16DF441C2007E6C03781C000000
2016-03-05 13:16:03,035: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:16:03,070: DEBUG - Assign free vars
2016-03-05 13:16:03,075: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:03,631: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:03,637: INFO - < Rivet finished successfully
2016-03-05 13:16:03,643: INFO - -----
2016-03-05 13:16:03,648: INFO - > RUN RIVET 3
2016-03-05 13:16:03,653: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:03,659: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:03,665: INFO - Received Receipt: 1457176563664
2016-03-05 13:16:03,672: INFO - RECEIPT
2016-03-05 13:16:03,677: 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:env="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:16:46.962Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131646-942-0.18368882821485166@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>97c05a14-46e5-4a6c-96c0-2ad6de107ab1@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Processing"
errorCode="EBMS:0102"
origin="ebMS"
refToMessageInError="97c05a14-46e5-4a6c-96c0-2ad6de107ab1@mindertestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">Message verification, authorisation, or decryption failed: com.sun.xml.wss.XWSSecurityException:
com.sun.xml.wss.impl.WssSoapFaultException: Invalid Security Header</eb:Description>
</eb:SignalMessage>
</eb:Messaging>
</env:Envelope>
</wss:Security>
</ds:Signature>
</wss:BinarySecurityToken>
</wss:SecurityTokenReference>
</wss:Security>
</env:Envelope>
</mustUnderstand="true">
</env:Envelope>

```
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: Message verification, authorisation, or decryption failed:
com.sun.xml.wss.XWSSecurityException: 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.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: 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.XWSSecurityException: com.sun.xml.wss.impl.WssSoapFaultException: Invalid Security Header
at com.sun.xml.wss.impl.dsig.SignatureProcessor.verify(SignatureProcessor.java:916)
at com.sun.xml.wss.impl.filter.SignatureFilter.process(SignatureFilter.java:638)
at com.sun.xml.wss.impl.SecurityRecipient.pProcessOnce(SecurityRecipient.java:1199)
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
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.dsig.SignatureProcessor.verify(SignatureProcessor.java:831)
... 14 more
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:16:03,683: INFO - =====
2016-03-05 13:16:03,688: INFO - Error message
2016-03-05 13:16:03,694: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Error 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:env="http://www.w3.org/2003/05/soap-envelope"
category="Processing"
errorCode="EBMS:0102"
origin="ebMS"
refToMessageInError="97c05a14-46e5-4a6c-96c0-2ad6de107ab1@mindertestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">Message verification, authorisation, or decryption failed: com.sun.xml.wss.XWSSecurityException:
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.XWSSecurityException: 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.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: 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.XWSSecurityException: com.sun.xml.wss.impl.WssSoapFaultException: Invalid Security Header
at com.sun.xml.wss.impl.dsig.SignatureProcessor.verify(SignatureProcessor.java:916)
at com.sun.xml.wss.impl.filter.SignatureFilter.process(SignatureFilter.java:638)
at com.sun.xml.wss.impl.SecurityRecipient.pProcessOnce(SecurityRecipient.java:1199)
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
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.dsig.SignatureProcessor.verify(SignatureProcessor.java:831)
... 14 more
</eb:ErrorDetail>
</eb:Error>
2016-03-05 13:16:03,699: DEBUG - Assign free vars
2016-03-05 13:16:03,705: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:03,715: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:03,721: INFO - < Rivet finished successfully
2016-03-05 13:16:03,726: INFO - -----
2016-03-05 13:16:03,731: INFO - > RUN RIVET 4
2016-03-05 13:16:03,737: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:16:15,995: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:16:16,001: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:16:16,007: INFO - Error
2016-03-05 13:16:16,012: INFO - 97c05a14-46e5-4a6c-96c0-2ad6de107ab1@mindertestbed.org
2016-03-05 13:16:16,017: INFO - null
2016-03-05 13:16:16,025: INFO - null
2016-03-05 13:16:16,031: DEBUG - Assign free vars
2016-03-05 13:16:16,036: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:16,042: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:16,047: INFO - < Rivet finished successfully
2016-03-05 13:16:16,053: INFO - -----
2016-03-05 13:16:16,058: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA19

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA19
Test Case:	AS4_TA19_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA19
Target:	Payload encryption
Normative Source:	[eSENS] "When compression, signature and/or encryption are required, any attached payload(s) must be compressed prior to being signed and/or encrypted."
Prescription Level:	Mandatory
Prerequisite:	• eSENS_TA14. • The SMSH is simulated to send a compressed then encrypted AS4 message to the RMSH.
Predicate:	The RMSH sends back an AS4 non-repudiation receipt.
Variables:	
Tag:	encryption/Compression

Log

```
2016-03-05 13:16:18,154: INFO - Start Test
2016-03-05 13:16:18,160: INFO - Initialize test case
2016-03-05 13:16:18,171: DEBUG - Parameters
2016-03-05 13:16:18,176: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:16:18,182: INFO - > Initialize the Adapters
2016-03-05 13:16:18,187: INFO - Call start test on NULLWRAPPER
2016-03-05 13:16:18,192: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:16:18,198: INFO - Call start test on as4-adapter
2016-03-05 13:16:18,206: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:16:18,212: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:16:18,217: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:16:18,223: INFO - Call start test on genericAS4Corner4
2016-03-05 13:16:18,229: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:16:18,235: INFO - Call start test on genericAS4Corner1
2016-03-05 13:16:18,242: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:16:18,248: INFO - > RUN RIVET 0
2016-03-05 13:16:18,254: DEBUG - Assign free vars
2016-03-05 13:16:18,260: INFO - Corner 2 flame-c2
2016-03-05 13:16:18,265: INFO - Corner 3 flame-c3
2016-03-05 13:16:18,290: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:18,296: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:18,301: INFO - < Rivet finished successfully
2016-03-05 13:16:18,307: INFO - -----

2016-03-05 13:16:18,312: INFO - > RUN RIVET 1
2016-03-05 13:16:18,318: DEBUG - Assign free vars
2016-03-05 13:16:18,323: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:19,023: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:19,029: INFO - < Rivet finished successfully
2016-03-05 13:16:19,034: INFO - -----

2016-03-05 13:16:19,040: INFO - > RUN RIVET 2
2016-03-05 13:16:19,045: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:16:21,964: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:16:21,970: INFO - C2 AS4 Message
2016-03-05 13:16:21,984: 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-1457176624448-1857181255">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:03.982Z</eb:Timestamp>
<eb:MessageId>ae93e1d8-0c88-41f5-b85d-e89c83116495@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>696555</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">696555</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA19</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">ae93e1d8-0c88-41f5-b85d-e89c83116495@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 13:16:21,990: INFO - C2 AS4 Security Header
2016-03-05 13:16:21,996: 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+tbfU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>FGLTetEPjv3hTcP6z1jx+yDn2CtuxyuuBHGf7H+sJxXfHm//tqesZpchaA6hh9bs0UIiowsJ6
StHdn0DITH4p1IyEnSrS1U+GzavGNlk45xSqsMEwZ7i8ccAya8AfFpEJ+C4RHBLuLcvh5NVVh2
WQUBMmmRVJsnsgfzrsnJmhtSMZd0jLTq5cmoeNbkHJ+5LgJSf9/k56sH27tY9URkFDqYCd35qz
srItYfC85jCRWVc3Z7W09bf4UQaMrs1mbgThcclyIeq7Banonbjm1tR2BIAKmu0XmR1Mq/ARtpeh
4RQ19iapgx00MMin4TzCL86eXoVcxbUevppgSQ==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-14571766244271216983186">
<wsse:Reference URI="#XWSSGID-14571766243261989551122"
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 13:16:22,002: INFO - -----
2016-03-05 13:16:22,007: INFO - AS4 message id: ae93e1d8-0c88-41f5-b85d-e89c83116495@mindentestbed.org
2016-03-05 13:16:22,111: INFO - -----
2016-03-05 13:16:22,116: INFO - Attachments
2016-03-05 13:16:22,124: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:16:22,129: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:16:22,135: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:16:22,140: INFO -
2016-03-05 13:16:22,146: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:16:22,151: INFO - Compressed HEX payload: 1F8B08000000000000000B3C9DCDCB3B49492D2B24ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:16:22,156: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:16:22,161: INFO -
2016-03-05 13:16:22,167: INFO - Forward message to the other side: 1457176582167
2016-03-05 13:16:22,172: DEBUG - Assign free vars
2016-03-05 13:16:22,178: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:26,699: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:26,704: INFO - < Rivet finished successfully
2016-03-05 13:16:26,709: INFO - -----

2016-03-05 13:16:26,714: INFO - > RUN RIVET 3
2016-03-05 13:16:26,719: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:26,725: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:26,730: INFO - Received Receipt: 1457176586730
2016-03-05 13:16:26,735: INFO - RECEIPT
2016-03-05 13:16:26,742: 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-14571766300081056262091">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:09.997Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131706.537-0.31315474155138945@fmsitest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>ae93e1d8-0c88-41f5-b85d-e89c83116495@mindentestbed.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-1457176624448-1857181255">
<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>VezphS5PIk73wz5CjotleABMQKiKowhzL7GlcSgio28=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176624450-432045720">
<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>l8HAIxag0LmORceKP/2mo7TYGq/LzfaDQZbQibRHnAM=</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-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#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-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>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:16:26,748: INFO - =====
2016-03-05 13:16:26,753: DEBUG - Assign free vars
```

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2016-03-05 13:16:26,759: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:26,769: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:26,775: INFO - < Rivet finished sucessfully
2016-03-05 13:16:26,780: INFO - -----

2016-03-05 13:16:26,785: INFO - > RUN RIVET 4
2016-03-05 13:16:26,803: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:26,808: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:26,814: INFO - -----
2016-03-05 13:16:26,819: INFO - Corner4 Received Payloads:
2016-03-05 13:16:26,824: INFO - Data
2016-03-05 13:16:26,830: INFO - originalSender: C1
2016-03-05 13:16:26,835: INFO - finalRecipient: C4
2016-03-05 13:16:26,840: INFO - refToMessageId: null
2016-03-05 13:16:26,845: INFO - conversationId: 696555
2016-03-05 13:16:26,851: INFO - messageId: ae93e1d8-0c88-41f5-b85d-e89c83116495@mindertestbed.org
2016-03-05 13:16:26,856: INFO - to: flame-c3
2016-03-05 13:16:26,871: INFO - from: null
2016-03-05 13:16:26,877: INFO - pModeId: null
2016-03-05 13:16:26,883: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:16:26,889: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:16:26,894: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:16:26,899: INFO - <min><der>sample</der></min>
2016-03-05 13:16:26,904: INFO - -----
2016-03-05 13:16:26,910: DEBUG - Assign free vars
2016-03-05 13:16:26,915: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:26,921: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:26,927: INFO - < Rivet finished sucessfully
2016-03-05 13:16:26,932: INFO - -----

2016-03-05 13:16:26,938: INFO - > RUN RIVET 5
2016-03-05 13:16:26,943: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:16:29,082: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:16:29,088: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:16:29,094: INFO - Receipt
2016-03-05 13:16:29,099: INFO - ae93e1d8-0c88-41f5-b85d-e89c83116495@mindertestbed.org
2016-03-05 13:16:29,104: INFO - null
2016-03-05 13:16:29,109: INFO - null
2016-03-05 13:16:29,116: DEBUG - Assign free vars
2016-03-05 13:16:29,121: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:29,127: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:29,133: INFO - < Rivet finished sucessfully
2016-03-05 13:16:29,138: INFO - -----

2016-03-05 13:16:29,143: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA20

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA20
Test Case:	AS4_TA20_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA20
Target:	Message level security
Normative Source:	[eSENS] "When compression, signature and/or encryption are required, any attached payload(s) must be compressed prior to being signed and/or encrypted."
Prescription Level:	Mandatory
Prerequisite:	• eSENS_TA14 • Simulated SMSH sends a signed AS4 User Message with an encrypted first, then compressed payload to the RMSH.
Predicate:	The SMSH receives a WS-Security SOAP Fault.
Variables:	
Tag:	Encryption/Signing Compression


```
2016-03-05 13:16:34,919: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/octet-stream will be compressed
2016-03-05 13:16:34,924: INFO - Compressed Payload: 08000Y-00 +6g0:4000SW0P0@HEM00I00J0.0/|100bG00,
IUS
2016-03-05 13:16:34,937: DEBUG - Assign free vars
2016-03-05 13:16:34,942: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:35,541: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:35,546: INFO - < Rivet finished successfully
2016-03-05 13:16:35,551: INFO - -----

2016-03-05 13:16:35,557: INFO - > RUN RIVET 3
2016-03-05 13:16:35,562: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:35,567: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:35,573: INFO - Received Receipt: 1457176595573
2016-03-05 13:16:35,579: INFO - RECEIPT
2016-03-05 13:16:35,589: 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:env="http://www.w3.org/2003/05/soap-envelope"
S12:mustUnderstand="true">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:18.879Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131718.828-0.2875330652249637@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>fb396477-0f96-4278-874f-3cf5eced6b73@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Processing"
errorCode="EBMS:0102"
origin="ebMS"
refToMessageInError="fb396477-0f96-4278-874f-3cf5eced6b73@mindentestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">Message verification, authorisation, or decryption failed: com.sun.xml.wss.XWSSecurityException:
com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException: Tag mismatch!</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: Message verification, authorisation, or decryption failed:
com.sun.xml.wss.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException: Tag mismatch!
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.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException:
javax.crypto.AEADBadTagException: Tag mismatch!
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.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException: Tag mismatch!
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedKey(DecryptionProcessor.java:286)
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
Caused by: com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException: Tag mismatch!
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptAttachment(DecryptionProcessor.java:791)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedData(DecryptionProcessor.java:560)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptReferencelist(DecryptionProcessor.java:364)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedKey(DecryptionProcessor.java:279)
... 15 more
Caused by: javax.crypto.AEADBadTagException: Tag mismatch!
at com.sun.crypto.provider.GaloisCounterMode.decryptFinal(GaloisCounterMode.java:524)
at com.sun.crypto.provider.CipherCore.finalNoPadding(CipherCore.java:1023)
at com.sun.crypto.provider.CipherCore.doFinal(CipherCore.java:960)
at com.sun.crypto.provider.CipherCore.doFinal(CipherCore.java:824)
at com.sun.crypto.provider.AESCipher.engineDoFinal(AESCipher.java:436)
at javax.crypto.Cipher.doFinal(Cipher.java:2223)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptAttachment(DecryptionProcessor.java:788)
... 18 more
</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:16:35,595: INFO - =====
2016-03-05 13:16:35,601: INFO - Error message
2016-03-05 13:16:35,615: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Error 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:env="http://www.w3.org/2003/05/soap-envelope"
category="Processing"
errorCode="EBMS:0102"
origin="ebMS"
refToMessageInError="fb396477-0f96-4278-874f-3cf5eced6b73@mindentestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">Message verification, authorisation, or decryption failed: com.sun.xml.wss.XWSSecurityException:
com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException: Tag mismatch!</eb:Description>
<eb:ErrorDetail>com.flame.shared.exceptions.PackingException: Message verification, authorisation, or decryption failed:
com.sun.xml.wss.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException: Tag mismatch!
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.XWSSecurityException: com.sun.xml.wss.XWSSecurityException: javax.crypto.AEADBadTagException:
javax.crypto.AEADBadTagException: Tag mismatch!
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)
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... 5 more
Caused by: com.sun.xml.wss.XWSException: com.sun.xml.wss.XWSException: javax.crypto.AEADBadTagException: Tag mismatch!
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedKey(DecryptionProcessor.java:286)
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
Caused by: com.sun.xml.wss.XWSException: javax.crypto.AEADBadTagException: Tag mismatch!
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptAttachment(DecryptionProcessor.java:791)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedData(DecryptionProcessor.java:560)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptReferenceList(DecryptionProcessor.java:364)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.processEncryptedKey(DecryptionProcessor.java:279)
... 15 more
Caused by: javax.crypto.AEADBadTagException: Tag mismatch!
at com.sun.crypto.provider.GaloisCounterMode.decryptFinal(GaloisCounterMode.java:524)
at com.sun.crypto.provider.CipherCore.finalNoPadding(CipherCore.java:1023)
at com.sun.crypto.provider.CipherCore.doFinal(CipherCore.java:960)
at com.sun.crypto.provider.CipherCore.doFinal(CipherCore.java:824)
at com.sun.crypto.provider.AESCipher.engineDoFinal(AESCipher.java:436)
at javax.crypto.Cipher.doFinal(Cipher.java:2223)
at com.sun.xml.wss.impl.apachecrypto.DecryptionProcessor.decryptAttachment(DecryptionProcessor.java:788)
... 18 more
</eb:ErrorDetail>
</eb:Error>
2016-03-05 13:16:35,620: DEBUG - Assign free vars
2016-03-05 13:16:35,625: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:35,637: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:35,643: INFO - < Rivet finished successfully
2016-03-05 13:16:35,648: INFO - -----

2016-03-05 13:16:35,653: INFO - > RUN RIVET 4
2016-03-05 13:16:35,658: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:16:47,806: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:16:47,812: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:16:47,817: INFO - Error
2016-03-05 13:16:47,823: INFO - fb396477-0f96-4278-874f-3cf5eced6b73@mindentestbed.org
2016-03-05 13:16:47,828: INFO - null
2016-03-05 13:16:47,833: INFO - null
2016-03-05 13:16:47,839: DEBUG - Assign free vars
2016-03-05 13:16:47,844: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:47,850: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:47,856: INFO - < Rivet finished successfully
2016-03-05 13:16:47,862: INFO - -----

2016-03-05 13:16:47,867: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA21

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA21
Test Case:	AS4_TA21_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID:	AS4_TA21
Target:	Payload signature/encryption/compression
Normative Source:	[eSENS] "When compression, signature and/or encryption are required, any attached payload(s) must be compressed prior to being signed and/or encrypted."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• The SMSH sends an AS4 message with a compressed then encrypted and signed payload to the RMSH.
Predicate:	The RMSH sends back an AS4 non-repudiation receipt.
Variables:	
Tag:	Signature/encryption/compression

Log

```
2016-03-05 13:16:49,931: INFO - Start Test
2016-03-05 13:16:49,937: INFO - Initialize test case
2016-03-05 13:16:49,945: DEBUG - Parameters
2016-03-05 13:16:49,950: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:16:49,955: INFO - > Initialize the Adapters
2016-03-05 13:16:49,962: INFO - Call start test on NULLWRAPPER
2016-03-05 13:16:49,967: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:16:49,973: INFO - Call start test on as4-adapter
2016-03-05 13:16:49,981: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:16:49,991: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:16:49,997: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:16:50,002: INFO - Call start test on genericAS4Corner4
2016-03-05 13:16:50,008: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:16:50,013: INFO - Call start test on genericAS4Corner1
2016-03-05 13:16:50,019: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:16:50,024: INFO - > RUN RIVET 0
2016-03-05 13:16:50,030: DEBUG - Assign free vars
2016-03-05 13:16:50,035: INFO - Corner 2 flame-c2
2016-03-05 13:16:50,040: INFO - Corner 3 flame-c3
2016-03-05 13:16:50,059: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:50,065: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:50,070: INFO - < Rivet finished successfully
2016-03-05 13:16:50,075: INFO - -----

2016-03-05 13:16:50,081: INFO - > RUN RIVET 1
2016-03-05 13:16:50,086: DEBUG - Assign free vars
2016-03-05 13:16:50,092: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:50,785: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:50,791: INFO - < Rivet finished successfully
2016-03-05 13:16:50,797: INFO - -----

2016-03-05 13:16:50,802: INFO - > RUN RIVET 2
2016-03-05 13:16:50,808: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:16:53,658: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:16:53,663: INFO - C2 AS4 Message
2016-03-05 13:16:53,671: 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-1457176656164-1917629177">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:35.690Z</eb:Timestamp>
<eb:MessageId>25244b76-f851-44b4-9533-6e3a80430104@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>111380</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">111380</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA21</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">25244b76-f851-44b4-9533-6e3a80430104@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 13:16:53,676: INFO - C2 AS4 Security Header
2016-03-05 13:16:53,685: 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/xmldoc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>KJ9spi6/B4tb2on6IKa1186ckgNfSfI151ZN4dAUFCKw1z50dyJnT1kmP00V9NS8UGfbAbVxudQZ
su2kmTw8vTODI10AHcc1VJKXby2CzuqzgcDv0KHmUHybZP0KzMLx8SkEmPPHSZdY05RM05rZkC6R
dPuz8JXvG182UKJyC5GaI/byggPM2N0Lvf3L5BY0QzS1hATEsm0bG12ropzEemK3oz128QZLu0
Efn+TuTYejJc+k45VhtHjvG5cdZVsvGkXYO+M8kFRROrPBBFk5XxRA9kS9++iLhJxMgZ2zvq
BERA77CX48D16w02AlvkGEx3ITr99LV0KiZpw==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-14571766561421253361638">
<wsse:Reference URI="#XWSSGID-1457176656018-974738600"
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 13:16:53,691: INFO - -----
2016-03-05 13:16:53,696: INFO - AS4 message id: 25244b76-f851-44b4-9533-6e3a80430104@mindertestbed.org
2016-03-05 13:16:53,745: INFO - -----
2016-03-05 13:16:53,750: INFO - Attachments
2016-03-05 13:16:53,758: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2016-03-05 13:16:53,763: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2016-03-05 13:16:53,768: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2016-03-05 13:16:53,773: INFO -
2016-03-05 13:16:53,779: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2016-03-05 13:16:53,784: INFO - Compressed HEX payload: 1F8B08000000000000000B3C9CDDCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2016-03-05 13:16:53,789: INFO - Decompressed Payload: <min><der>sample</der></min>
2016-03-05 13:16:53,794: INFO -
2016-03-05 13:16:53,800: INFO - Forward message to the other side: 1457176613800
2016-03-05 13:16:53,805: DEBUG - Assign free vars
2016-03-05 13:16:53,810: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:57,830: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:16:57,835: INFO - < Rivet finished successfully
2016-03-05 13:16:57,841: INFO - -----

2016-03-05 13:16:57,846: INFO - > RUN RIVET 3
2016-03-05 13:16:57,851: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:57,856: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:16:57,861: INFO - Received Receipt: 1457176617861
2016-03-05 13:16:57,867: INFO - RECEIPT
2016-03-05 13:16:57,874: 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-145717666114593606091">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:41.133Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131737.707-0.7595744372657651@fms.flame.co.za</eb:MessageId>
<eb:RefToMessageId>25244b76-f851-44b4-9533-6e3a80430104@mindertestbed.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-1457176656164-1917629177">
<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>osLGxb/P5WPe7rmY5IRTsltW7T8A9juI2MJObkT0nx4=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176656166-1296641811">
<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>ZQX/bbCH33+Z+P14TMWt6/FpSEZPKyBh1MZx43ULWsc=</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/xmldoc#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/xmldoc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSj14o=</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
</ebbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:16:57,879: INFO - =====
2016-03-05 13:16:57,885: DEBUG - Assign free vars
```

```
2016-03-05 13:16:57,890: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:57,902: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:16:57,908: INFO - < Rivet finished sucessfully
2016-03-05 13:16:57,913: INFO - -----

2016-03-05 13:16:57,919: INFO - > RUN RIVET 4
2016-03-05 13:16:57,924: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:57,929: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:16:57,942: INFO - -----
2016-03-05 13:16:57,948: INFO - Corner4 Received Payloads:
2016-03-05 13:16:57,953: INFO - Data
2016-03-05 13:16:57,958: INFO - originalSender: C1
2016-03-05 13:16:57,963: INFO - finalRecipient: C4
2016-03-05 13:16:57,969: INFO - refToMessageId: null
2016-03-05 13:16:57,974: INFO - conversationId: 111380
2016-03-05 13:16:57,979: INFO - messageId: 25244b76-f851-44b4-9533-6e3a80430104@mindertestbed.org
2016-03-05 13:16:57,984: INFO - to: flame-c3
2016-03-05 13:16:57,990: INFO - from: null
2016-03-05 13:16:57,995: INFO - pModeId: null
2016-03-05 13:16:58,001: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:16:58,006: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:16:58,012: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:16:58,017: INFO - <min><der>sample</der></min>
2016-03-05 13:16:58,022: INFO - -----
2016-03-05 13:16:58,027: DEBUG - Assign free vars
2016-03-05 13:16:58,033: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:16:58,039: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:16:58,045: INFO - < Rivet finished sucessfully
2016-03-05 13:16:58,051: INFO - -----

2016-03-05 13:16:58,059: INFO - > RUN RIVET 5
2016-03-05 13:16:58,065: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:17:00,226: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:17:00,232: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:17:00,238: INFO - Receipt
2016-03-05 13:17:00,243: INFO - 25244b76-f851-44b4-9533-6e3a80430104@mindertestbed.org
2016-03-05 13:17:00,248: INFO - null
2016-03-05 13:17:00,253: INFO - null
2016-03-05 13:17:00,260: DEBUG - Assign free vars
2016-03-05 13:17:00,265: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:00,271: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:00,277: INFO - < Rivet finished sucessfully
2016-03-05 13:17:00,282: INFO - -----

2016-03-05 13:17:00,287: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA27

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA27
Test Case:	AS4_TA27_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

Result:	Successful 
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Test Assertion Details

TAID:	AS4_TA27
Target:	Addressing
Normative Source:	[eSENS] "From/PartyId and To/PartyId shall therefore in this case address the identifiers of gateways. This is consistent with current practice for ebMS3 in e-CODEX and with the PEPPOL AS2 profile"
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SMSH and RMSH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).• SMSH sends an AS4 User message to the RMSH.
Predicate:	In the message sender receiver elements reference the MSHs and not the (producer,consumer).
Variables:	sender receiver: UserMessage/PartyInfo/{From to}/PartyId elements
Tag:	Addressing

Log

```
2016-03-05 13:17:02,335: INFO - Start Test
2016-03-05 13:17:02,340: INFO - Initialize test case
2016-03-05 13:17:02,349: DEBUG - Parameters
2016-03-05 13:17:02,354: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:17:02,359: INFO - > Initialize the Adapters
2016-03-05 13:17:02,365: INFO - Call start test on NULLWRAPPER
2016-03-05 13:17:02,370: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:17:02,375: INFO - Call start test on as4-adapter
2016-03-05 13:17:02,386: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:17:02,392: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:17:02,397: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:17:02,402: INFO - Call start test on genericAS4Corner4
2016-03-05 13:17:02,408: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:17:02,414: INFO - Call start test on genericAS4Corner1
2016-03-05 13:17:02,420: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:17:02,425: INFO - > RUN RIVET 0
2016-03-05 13:17:02,432: DEBUG - Assign free vars
2016-03-05 13:17:02,437: INFO - Corner 2 flame-c2
2016-03-05 13:17:02,443: INFO - Corner 3 flame-c3
2016-03-05 13:17:02,458: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:02,468: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:02,474: INFO - < Rivet finished successfully
2016-03-05 13:17:02,479: INFO - -----

2016-03-05 13:17:02,484: INFO - > RUN RIVET 1
2016-03-05 13:17:02,489: DEBUG - Assign free vars
2016-03-05 13:17:02,494: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:04,273: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:04,279: INFO - < Rivet finished successfully
2016-03-05 13:17:04,284: INFO - -----

2016-03-05 13:17:04,289: INFO - > RUN RIVET 2
2016-03-05 13:17:04,294: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:17:07,285: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:17:07,290: INFO - C2 AS4 Message
2016-03-05 13:17:07,298: 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-14571766697621259942571">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:49.253Z</eb:Timestamp>
<eb:MessageId>6a0d99d1-3331-4d6c-b774-a79029ffd5ac@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>498914</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">498914</eb:Property>
<eb:Property name="Action">ACT_SIMPLE_ONEWAY</eb:Property>
<eb:Property name="TA_id">AS4_TA27</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">6a0d99d1-3331-4d6c-b774-a79029ffd5ac@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 13:17:07,304: INFO - C2 AS4 Security Header
2016-03-05 13:17:07,310: 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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>fQfvKejXE64+YZMBk5WFT+s8/w6sPtE58mLmc0Db43G7pLphlqKodgFyWss0hHe5yVLTGvYVQvIE
SYiTmc857EtqyN/gHqahHrEUzAwHK/C6nLfTcG0gwAHZpcn90Hhn+2z9UFZADF0LbNisphRoZhYy
57wny1TnjDewD9TfQeF72KvqLhCRF0h9+6f3o2wPiFmgbouat7n77k2LrZw1Rd4LxwNfiLDJu8U
f6HsF262F3UmdGdGwAngK5oxdh0k8se1uiDgnXpH3j0DkDAV9erR6oDNLJox60537XpEvIRVyzH
dK/oLCAJRlh8i9A+f0WQccZjnIT4/iFhZSH1Q==</ds:SignatureValue>
<ds:KeyInfo>
<wsse:SecurityTokenReference wsu:Id="XWSSGID-1457176669742-104392488">
<wsse:Reference URI="#XWSSGID-1457176669616-876147612"
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 13:17:07,316: INFO - -----
2016-03-05 13:17:07,322: INFO - AS4 message id: 6a0d99d1-3331-4d6c-b774-a79029ffd5ac@mindentestbed.org
2016-03-05 13:17:07,327: INFO - -----
2016-03-05 13:17:07,333: INFO - FROM PARTY ID : flame-c2
2016-03-05 13:17:07,339: INFO - TO PARTY ID : flame-c3
2016-03-05 13:17:07,344: DEBUG - Assign free vars
2016-03-05 13:17:07,350: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:17:11,781: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:17:11,786: INFO - < Rivet finished successfully
2016-03-05 13:17:11,792: INFO - -----
2016-03-05 13:17:11,798: INFO - > RUN RIVET 3
2016-03-05 13:17:11,803: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:17:11,808: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:17:11,815: INFO - Received Receipt: 1457176631814
2016-03-05 13:17:11,820: INFO - RECEIPT
2016-03-05 13:17:11,831: 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-1457176675099-726077185">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:17:55.086Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131751.697-0.6655551806009679@fmsstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>6a0d99d1-3331-4d6c-b774-a79029ffd5ac@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<eb:psig:NonRepudiationInformation xmlns:eb:psig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
<eb:psig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571766697621259942571">
<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>qnrXX69pS6yRyPR30xsvBVJlg1avnCtkda7tW0oMMxw=</ds:DigestValue>
</ds:Reference>
</eb:psig:MessagePartNRInformation>
<eb:psig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-1457176669764-2079464256">
<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>Z8op60000cYok78suriCb1BfhGHwXvUzibWxwQz+W1I=</ds:DigestValue>
</ds:Reference>
</eb:psig:MessagePartNRInformation>
<eb:psig: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/xmenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</eb:psig:MessagePartNRInformation>
<eb:psig: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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfU03wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</eb:psig:MessagePartNRInformation>
</eb:psig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:17:11,836: INFO - =====
2016-03-05 13:17:11,842: DEBUG - Assign free vars
2016-03-05 13:17:11,848: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:17:11,858: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:17:11,864: INFO - < Rivet finished successfully
2016-03-05 13:17:11,869: INFO - -----
2016-03-05 13:17:11,874: INFO - > RUN RIVET 4
2016-03-05 13:17:11,880: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:11,885: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:11,890: INFO - -----
```



```
2016-03-05 13:17:11,895: INFO - Corner4 Received Payloads:
2016-03-05 13:17:11,901: INFO - Data
2016-03-05 13:17:11,906: INFO - originalSender: C1
2016-03-05 13:17:11,911: INFO - finalRecipient: C4
2016-03-05 13:17:11,917: INFO - refToMessageId: null
2016-03-05 13:17:11,922: INFO - conversationId: 498914
2016-03-05 13:17:11,927: INFO - messageId: 6a0d99d1-3331-4d6c-b774-a79029ffd5ac@mindertestbed.org
2016-03-05 13:17:11,932: INFO - to: flame-c3
2016-03-05 13:17:11,938: INFO - from: null
2016-03-05 13:17:11,943: INFO - pModeId: null
2016-03-05 13:17:11,950: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:17:11,955: INFO - !! Modify me after submission, if you dare!!
2016-03-05 13:17:11,961: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:17:11,966: INFO - <min><der>sample</der></min>
2016-03-05 13:17:11,971: INFO - -----
2016-03-05 13:17:11,977: DEBUG - Assign free vars
2016-03-05 13:17:11,982: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:11,989: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:11,995: INFO - < Rivet finished sucessfully
2016-03-05 13:17:12,000: INFO - -----

2016-03-05 13:17:12,006: INFO - > RUN RIVET 5
2016-03-05 13:17:12,011: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:17:14,028: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:17:14,034: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:17:14,040: INFO - Receipt
2016-03-05 13:17:14,045: INFO - 6a0d99d1-3331-4d6c-b774-a79029ffd5ac@mindertestbed.org
2016-03-05 13:17:14,050: INFO - null
2016-03-05 13:17:14,056: INFO - null
2016-03-05 13:17:14,062: DEBUG - Assign free vars
2016-03-05 13:17:14,067: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:14,073: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:14,079: INFO - < Rivet finished sucessfully
2016-03-05 13:17:14,084: INFO - -----

2016-03-05 13:17:14,089: INFO - > Send finish message to all wrappers
```

Test Report - AS4_TA28

Overview

Test Group:	Generic AS4 test assertions
Test Assertion:	AS4_TA28
Test Case:	AS4_TA28_TC01
User:	Muhammet YILDIZ
Date:	2016.03.05 13:10:30
System(s) Tested:	1- Flame FMS AS4 Server

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

Test Assertion Details

TAID: AS4_TA28

Target: SBDH

Normative Source: [eSENS] "An option for e-SENS is to use UN/CEFACT Standard Business Document Header [SBDH] that allows end entities to encode information on business process, business transaction, agreement, and business quality-of-service. The SBDH is widely adopted in e-business communities like GS1 [...] for e-SENS should be used a Manifest block for sending non-XML documents or files. [...]When sending non-XML documents the SBDH and the payload have to be in separate MIME parts(see the figure above) because they have different content types: SBDH is XML and the payload non-XML."

Prescription Level: Mandatory

Prerequisite:

- SSMH and RSMH are configured to exchange AS4 messages according to the eSENS profile (One-Way/Push MEP).
- Producer submits two payloads, first being an SBDH document, second being an actual payload (non-XML payload).
- SSMH sends an AS4 User Message to the RSMH.

Predicate: Message has two additional MIME parts. The first mime part is the SBDH document and the second is the actual payload.

Variables: SBDH: information on end point IDs, business process, business transaction, agreement and business quality.

Tag: Message Packaging

Log

```
2016-03-05 13:17:16,166: INFO - Start Test
2016-03-05 13:17:16,171: INFO - Initialize test case
2016-03-05 13:17:16,179: DEBUG - Parameters
2016-03-05 13:17:16,184: DEBUG - Corner2:flame-c2
Corner3:flame-c3
2016-03-05 13:17:16,190: INFO - > Initialize the Adapters
2016-03-05 13:17:16,195: INFO - Call start test on NULLWRAPPER
2016-03-05 13:17:16,201: INFO - Obtain SUT Identifiers from NULLWRAPPER
2016-03-05 13:17:16,206: INFO - Call start test on as4-adapter
2016-03-05 13:17:16,216: INFO - Obtain SUT Identifiers from as4-adapter
2016-03-05 13:17:16,223: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:17:16,228: INFO - System Under Test: Flame FMS AS4 Server
2016-03-05 13:17:16,234: INFO - Call start test on genericAS4Corner4
2016-03-05 13:17:16,242: INFO - Obtain SUT Identifiers from genericAS4Corner4
2016-03-05 13:17:16,248: INFO - Call start test on genericAS4Corner1
2016-03-05 13:17:16,255: INFO - Obtain SUT Identifiers from genericAS4Corner1
2016-03-05 13:17:16,261: INFO - > RUN RIVET 0
2016-03-05 13:17:16,266: DEBUG - Assign free vars
2016-03-05 13:17:16,273: INFO - Corner 2 flame-c2
2016-03-05 13:17:16,278: INFO - Corner 3 flame-c3
2016-03-05 13:17:16,284: INFO - SBDH DATA
2016-03-05 13:17:16,290: INFO - <?xml version="1.0" encoding="UTF-8"?>
<!-- Example SBDH showing how to send Expression of interest with attachments all wrapped in an ASiC archive -->
<StandardBusinessDocumentHeader
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader" >
<HeaderVersion>1.0</HeaderVersion>
<Sender>
<Identifier Authority="iso6523-actorid-upis">9908:810018902</Identifier>
</Sender>
<Receiver>
<Identifier Authority="iso6523-actorid-upis">9908:810418052</Identifier>
</Receiver>
<DocumentIdentification>
<Standard>UBL</Standard>
<TypeVersion>2.1</TypeVersion>
<InstanceIdentifier>FA4A6819-6149-4134-95C3-C53A65338EB6</InstanceIdentifier>
<Type>ExpressionOfInterest</Type>
<CreationDateAndTime>2015-07-26T20:08:00+01:00</CreationDateAndTime>
</DocumentIdentification>
<!-- Signals that the main business document is wrapped inside an ASiC archive -->
<Manifest>
<NumberOfItems>1</NumberOfItems>
<ManifestItem>
<MimeTypeQualifierCode>application/vnd.etsi.asic-e+zip</MimeTypeQualifierCode>
<!-- The zip archive is base64 encoded inside the payload -->
<UniformResourceIdentifier>cid:asic-zip-archive.asice</UniformResourceIdentifier>
</ManifestItem>
</Manifest>
<BusinessScope>
<Scope>
<Type>PROCESSID</Type>
<InstanceIdentifier>urn:www.cenbii.eu:profile:bii46:ver3.0</InstanceIdentifier>
</Scope>
<Scope>
<Type>DOCUMENTID</Type>
<!-- Specifies the type of the root document in the ASiC archive -->
<InstanceIdentifier>
urn:oasis:names:specification:ubl:schema:xsd:ExpressionOfInterest::ExpressionOfInterest##urn:www.cenbii.eu:transaction:biitrdm081:ver3.0:2.1
</InstanceIdentifier>
</Scope>
</BusinessScope>
</StandardBusinessDocumentHeader>

2016-03-05 13:17:16,295: INFO - -----
2016-03-05 13:17:16,301: INFO - ASIC DATA
2016-03-05 13:17:16,306: INFO -
6266647935347237366468676678756668766867636A67666E6367686A68676B686A67666466686A67676866646866676A666768666867666B66797466796667636835
2016-03-05 13:17:16,311: INFO - -----
2016-03-05 13:17:16,325: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:16,331: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:16,337: INFO - < Rivet finished successfully
2016-03-05 13:17:16,342: INFO - -----

2016-03-05 13:17:16,348: INFO - > RUN RIVET 1
2016-03-05 13:17:16,353: DEBUG - Assign free vars
2016-03-05 13:17:16,359: INFO - > CALL SLOT genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:17,077: INFO - < SLOT CALLED genericAS4Corner1|3.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:17,084: INFO - < Rivet finished successfully
2016-03-05 13:17:17,089: INFO - -----

2016-03-05 13:17:17,094: INFO - > RUN RIVET 2
2016-03-05 13:17:17,100: DEBUG - > Wait For Signal:as4-adapter|3.messageReceived(byte[])
2016-03-05 13:17:19,912: DEBUG - < Signal Arrived: as4-adapter|3.messageReceived(byte[])
2016-03-05 13:17:19,917: INFO - C2 AS4 Message
2016-03-05 13:17:19,929: 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"
wsu:Id="XWSSGID-1457176682446-519376393">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:18:01.980Z</eb:Timestamp>
<eb:MessageId>c325b6f4-783b-4de3-9c97-86b28ae78871@mindentestbed.org</eb:MessageId>
```



```
<Scope>
<Type>PROCESSID</Type>
<InstanceIdentifier>urn:www.cenbii.eu:profile:bii46:ver3.0</InstanceIdentifier>
</Scope>
<Scope>
<Type>DOCUMENTID</Type>
<!-- Specifies the type of the root document in the ASiC archive -->
<InstanceIdentifier>
urn:oasis:names:specification:ubl:schema:xsd:ExpressionOfInterest:ExpressionOfInterest#urn:www.cenbii.eu:transaction:bitrdm081:ver3.0::2.1
</InstanceIdentifier>
</Scope>
</BusinessScope>
</StandardBusinessDocumentHeader>

2016-03-05 13:17:20,025: INFO - 
2016-03-05 13:17:20,031: INFO - <custompayload@minder>;
2016-03-05 13:17:20,036: INFO - bfdy54r76dhgfxufhvghcjpgfncghjghgfhgfdhfgjghfghfghfkyfyfygch5
2016-03-05 13:17:20,041: INFO - SBDH Bytes Match!
2016-03-05 13:17:20,047: INFO - ASIC Bytes match
2016-03-05 13:17:20,054: INFO - Forward message to the other side: 1457176640053
2016-03-05 13:17:20,059: DEBUG - Assign free vars
2016-03-05 13:17:20,065: INFO - > CALL SLOT as4-adapter|3.sendMessage(byte[])
2016-03-05 13:17:24,536: INFO - < SLOT CALLED as4-adapter|3.sendMessage(byte[])
2016-03-05 13:17:24,541: INFO - < Rivet finished successfully
2016-03-05 13:17:24,546: INFO - -----

2016-03-05 13:17:24,552: INFO - > RUN RIVET 3
2016-03-05 13:17:24,557: DEBUG - > Wait For Signal:as4-adapter|3.replyReceived(byte[])
2016-03-05 13:17:24,562: DEBUG - < Signal Arrived: as4-adapter|3.replyReceived(byte[])
2016-03-05 13:17:24,567: INFO - Received Receipt: 1457176644567
2016-03-05 13:17:24,573: INFO - RECEIPT
2016-03-05 13:17:24,582: 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-1457176687861-1012352914">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2016-03-05T11:18:07.852Z</eb:Timestamp>
<eb:MessageId>FMS-A-20160305-131804.427-0.8717957056250794@fmstest.flame.co.za</eb:MessageId>
<eb:RefToMessageId>c325b6f4-783b-4de3-9c97-86b28ae78871@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-1457176682446-519376393">
<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>q7VEKqQjd5vzJVmCfy7b5Pt7LiEg8MRv8Ph5ymxf4</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
<ebbsig:MessagePartNRInformation>
<ds:Reference xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
URI="#XWSSGID-14571766824471899940043">
<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>CsU+Cu/Hs5h6U385cKM3bg2U72LRD9RtT3zK8rewWco</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#sha256"/>
<ds:DigestValue>kWgXmUcckF6GLCaM9rcqh626ccUxjrcK3fm6qJCr6DQ</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#sha256"/>
<ds:DigestValue>RSJhPraz+Q2od9Nzs6C+tU67bGmt5XTCL0yFSGCe9s</ds:DigestValue>
</ds:Reference>
</ebbsig:MessagePartNRInformation>
</ebbsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2016-03-05 13:17:24,588: INFO - =====
2016-03-05 13:17:24,594: DEBUG - Assign free vars
2016-03-05 13:17:24,599: INFO - > CALL SLOT as4-adapter|3.sendResponse(byte[])
2016-03-05 13:17:24,612: INFO - < SLOT CALLED as4-adapter|3.sendResponse(byte[])
2016-03-05 13:17:24,618: INFO - < Rivet finished successfully
2016-03-05 13:17:24,623: INFO - -----

2016-03-05 13:17:24,628: INFO - > RUN RIVET 4
2016-03-05 13:17:24,634: DEBUG - > Wait For Signal:genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:24,639: DEBUG - < Signal Arrived: genericAS4Corner4|3.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2016-03-05 13:17:24,644: INFO - -----
2016-03-05 13:17:24,649: INFO - Corner4 Received Payloads:
2016-03-05 13:17:24,655: INFO - Data
2016-03-05 13:17:24,660: INFO - originalSender: C1
2016-03-05 13:17:24,667: INFO - finalRecipient: C4
2016-03-05 13:17:24,672: INFO - refToMessageId: null
```

```

2016-03-05 13:17:24,677: INFO - conversationId: 29136
2016-03-05 13:17:24,683: INFO - messageId: c325b6f4-783b-4de3-9c97-86b28ae78871@mindertestbed.org
2016-03-05 13:17:24,688: INFO - to: flame-c3
2016-03-05 13:17:24,693: INFO - from: null
2016-03-05 13:17:24,698: INFO - pModeId: null
2016-03-05 13:17:24,706: INFO - custompayload@minder type: application/octet-stream.
2016-03-05 13:17:24,711: INFO - bfdy54r76dhgfxufhvhgcjgfnvcghjghkhjgfdhfhjggghdfhfgjfhghfhgkfytyfygch5
2016-03-05 13:17:24,717: INFO - xmlpayload@minder type: application/octet-stream.
2016-03-05 13:17:24,722: INFO - <?xml version="1.0" encoding="UTF-8"?>
<!-- Example SBH showing how to send Expression of interest with attachments all wrapped in an ASiC archive -->
<StandardBusinessDocumentHeader
xmlns:xs="http://www.w3.org/2001/XMLSchema"
xmlns="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader" >
<HeaderVersion>1.0</HeaderVersion>
<Sender>
<Identifier Authority="iso6523-actorid-upis">9908:810018902</Identifier>
</Sender>
<Receiver>
<Identifier Authority="iso6523-actorid-upis">9908:810418052</Identifier>
</Receiver>
<DocumentIdentification>
<Standard>UBL</Standard>
<TypeVersion>2.1</TypeVersion>
<InstanceIdentifier>FA4A6819-6149-4134-95C3-C53A65338EB6</InstanceIdentifier>
<Type>ExpressionOfInterest</Type>
<CreationDateAndTime>2015-07-26T20:08:00+01:00</CreationDateAndTime>
</DocumentIdentification>
<!-- Signals that the main business document is wrapped inside an ASiC archive -->
<Manifest>
<NumberOfItems>1</NumberOfItems>
<ManifestItem>
<MimeTypeQualifierCode>application/vnd.etsi.asic-e+zip</MimeTypeQualifierCode>
<!-- The zip archive is base64 encoded inside the payload -->
<UniformResourceIdentifier>cid:asic-zip-archive.asice</UniformResourceIdentifier>
</ManifestItem>
</Manifest>
<BusinessScope>
<Scope>
<Type>PROCESSID</Type>
<InstanceIdentifier>urn:www.cenbii.eu:profile:bii46:ver3.0</InstanceIdentifier>
</Scope>
<Scope>
<Type>DOCUMENTID</Type>
<!-- Specifies the type of the root document in the ASiC archive -->
<InstanceIdentifier>
urn:oasis:names:specification:ubl:schema:xsd:ExpressionOfInterest::ExpressionOfInterest##urn:www.cenbii.eu:transaction:biitrdm081:ver3.0:2.1
</InstanceIdentifier>
</Scope>
</BusinessScope>
</StandardBusinessDocumentHeader>

2016-03-05 13:17:24,728: INFO - -----
2016-03-05 13:17:24,733: DEBUG - Assign free vars
2016-03-05 13:17:24,738: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:24,745: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:24,751: INFO - < Rivet finished successfully
2016-03-05 13:17:24,756: INFO - -----

2016-03-05 13:17:24,761: INFO - > RUN RIVET 5
2016-03-05 13:17:24,767: DEBUG - > Wait For Signal:genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:17:26,931: DEBUG - < Signal Arrived: genericAS4Corner1|3.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2016-03-05 13:17:26,937: INFO - Corner1 backend NOTIFICATION
2016-03-05 13:17:26,942: INFO - Receipt
2016-03-05 13:17:26,947: INFO - c325b6f4-783b-4de3-9c97-86b28ae78871@mindertestbed.org
2016-03-05 13:17:26,953: INFO - null
2016-03-05 13:17:26,958: INFO - null
2016-03-05 13:17:26,964: DEBUG - Assign free vars
2016-03-05 13:17:26,969: INFO - > CALL SLOT NULLWRAPPER.NULLSLOT
2016-03-05 13:17:26,975: INFO - < SLOT CALLED NULLWRAPPER.NULLSLOT
2016-03-05 13:17:26,981: INFO - < Rivet finished successfully
2016-03-05 13:17:26,986: INFO - -----

2016-03-05 13:17:26,991: INFO - > Send finish message to all wrappers

```